



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 106<sup>th</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 17 December 2019, Parma  
(Agreed on 18 December 2019)**

### Participants

- Working Group Members:
  - Simon Moxon
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - none
- EFSA:
  - GMO Unit: Silvia Federici and Nikoletta Papadopoulou
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

### 2. Adoption of agenda

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 105<sup>th</sup> Working Group meeting held on 17 December 2019 via TELE/WEB

The minutes of the 105<sup>th</sup> Working Group meeting held on 17 December 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

#### 5.1 EFSA-GMO-NL-2019-159 (Maize DP-202216-6)<sup>5</sup>

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.2 EFSA-GMO-DE-2019-157 (Canola LBFLFK)<sup>6</sup>

The Working Group did not discuss the application due to time constraints.

### 6. AOB

None

### 7. Next meeting

27-28 January 2020, Parma

---

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wgs/gmo/gmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00419>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00394>



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 105<sup>th</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 17 December 2019, TELE/WEB  
(Agreed on 17 December 2019)**

### Participants

- Working Group Members:
  - Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Fabien Nogu , Nils Rostoks
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - DG SANTE: Alexandre Huchelmann
- EFSA:
  - GMO Unit: Andrea Gennaro, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos (TELE) and Tommaso Raffaello
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received by Jose Juan Sanchez Serrano.

### 2. Adoption of agenda

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 104<sup>th</sup> Working Group meeting held on 25-26 November 2019, Parma

The minutes of the 104<sup>th</sup> Working Group meeting held on 25-26 November 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

#### 5.1 Scientific Opinion on plants developed using type 1 and type 2 Site-Directed Nucleases and Oligonucleotide Directed Mutagenesis<sup>5</sup>

The Working Group discussed the draft opinion. Further discussion is needed.

### 6. Next meeting

27-28 January 2020, Parma

---

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wgs/gmo/gmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00297>



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 104<sup>th</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 25-26 November 2019, Parma  
(Agreed on 11 December 2019)**

### Participants

■ Working Group Members:

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE, items 5.6 and 5.8), Fabien Nogu  , Nils Rostoks, and Jose Juan Sanchez Serrano

■ Hearing Experts<sup>1</sup>:

- none

■ European Commission and/or Member States representatives:

- DG SANTE: Alexandre Huchelmann

■ EFSA:

- GMO Unit: Silvia Federici, Andrea Gennaro (item 5.10), Viktorija Krivova, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, Tommaso Raffaello and Elisabeth Waigmann (item 5.10)

■ Others:

- none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

## 4. Agreement of the minutes of the 103<sup>rd</sup> Working Group meeting held on 30 October 2019 via TELE/WEB

The minutes of the 103<sup>rd</sup> Working Group meeting held on 30 October 2019 were agreed<sup>4</sup>

## 5. Scientific topic(s) for discussion

### 5.1 EFSA-GMO-NL-2017-143 (Brassica napus MS11 x Rf3)<sup>5</sup>

The Working Group discussed the application. Further discussion is needed.

### 5.2 EFSA-GMO-NL-2016-138 (Brassica napus MS11)<sup>6</sup>

The Working Group discussed the application. Further discussion is needed.

### 5.3 EFSA-GMO-DE-2018-149 (Maize Bt11xMIR162xMIR604xMON8934x5307xGA21)<sup>7</sup>

The Working Group discussed the application. Further discussion is needed.

### 5.4 EFSA-GMO-NL-2018-150 (Maize DP4114 x MON810 x MIR604 x NK603)<sup>8</sup>

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

### 5.5 EFSA-GMO-NL-2018-151 (Maize MON89034x1507xMIR162xNK603)<sup>9</sup>

The Working Group discussed the application. Further discussion is needed.

### 5.6 EFSA-GMO-NL-2018-153 (Soybean GMB151)<sup>10</sup>

The Working Group discussed the application. Further discussion is needed.

### 5.7 EFSA-GMO-ES-2018-154 (Cotton GHB811)<sup>11</sup>

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wqs/gmo/gmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00424>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00857>

<sup>7</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00292>

<sup>8</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00370>

<sup>9</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00457>

<sup>10</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00781>

<sup>11</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00808>



**5.8 EFSA-GMO-NL-2019-159 (Maize DP-202216-6)<sup>12</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-RX-014 (Maize MON88017)<sup>13</sup>**

The Working Group discussed the application. Further discussion is needed.

**5.10 Mandate on plants developed using type 1 and type 2 Site-Directed Nucleases and Oligonucleotide Directed Mutagenesis<sup>14</sup>**

The Working Group discussed the draft opinion. Further discussion is needed.

## 6. AOB

None

## 7. Next meeting

17 December 2019 (TELE), Parma

---

<sup>12</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00419>

<sup>13</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00672>

<sup>14</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00297>



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 103<sup>rd</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 30 October 2019, TELE/WEB  
(Agreed on 15 November 2019)**

### Participants

- Working Group Members:
  - Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Fabien Nogu , Nils Rostoks
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - DG SANTE: none
- EFSA:
  - GMO Unit: Silvia Federici, Andrea Gennaro (for item 5.2), Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, and Tommaso Raffaello
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received by Jose Juan Sanchez Serrano.

### 2. Adoption of agenda

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.





### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 102<sup>nd</sup> Working Group meeting held on 23-24 September 2019, Parma

The minutes of the 102<sup>nd</sup> Working Group meeting held on 23-24 September 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

#### 5.1 EFSA-GMO-DE-2012-111 (Soybean SYHT0H2)<sup>5</sup>

The Working Group discussed the application. Further discussion is needed.

#### 5.2 Scientific Opinion on plants developed using type 1 and type 2 Site-Directed Nucleases and Oligonucleotide Directed Mutagenesis<sup>6</sup>

The Working Group discussed the draft opinion. Further discussion is needed.

### 6. AOB

**6.1** The MC WG was updated on the status of the mandate on synthetic biology developments in plants<sup>7</sup> and on gene drive<sup>8</sup>.

### 7. Next meeting

25-26 November 2019, Parma

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wgs/gmo/gmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2012-00753>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00297>

<sup>7</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-01000>

<sup>8</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00619>



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 102<sup>nd</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 23-24 September 2019, Parma  
(Agreed on 10 October 2019)**

### Participants

- Working Group Members:
  - Josep Casacuberta (Day 1), Tamas Dalmay, Philippe Guerche, Jan Hejatko, Fabien Nogué, Nils Rostoks, and Jose Juan Sanchez Serrano
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - DG SANTE: none
- EFSA:
  - GMO Unit: Silvia Federici, Irina Olaru, Konstantinos Paraskevopoulos, Tommaso Raffaello
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

### 2. Adoption of agenda

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 101<sup>st</sup> Working Group meeting held on 1-2 July 2019, Parma

The minutes of the 101<sup>st</sup> Working Group meeting held on 1-2 July 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

- 5.1 EFSA-GMO-NL-2017-144 (Maize MON 87427 x MON 89034 x MIR162 x MON 87411)<sup>5</sup>**  
The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.
- 5.2 EFSA-GMO-NL-2017-140 (Maize MON87419)<sup>6</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.3 EFSA-GMO-NL-2017-139 (Maize MON 87427 x MON 87460 x MON 89034 x 1507 x MON 87411 x 59122)<sup>7</sup>**  
The Working Group discussed the application. Further discussion and clarification from the applicant are needed.
- 5.4 EFSA-GMO-NL-2018-150 (Maize DP4114 x MON810 x MIR604 x NK603)<sup>8</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.5 EFSA-GMO-DE-2012-111 (Soybean SYHT0H2)<sup>9</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.6 EFSA-GMO-DE-2017-142 (Maize MZIR098)<sup>10</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.7 EFSA-GMO-RX-014 (Maize MON 88017)<sup>11</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.8 EFSA-GMO-BE-2016-138 (Brassica Napus Ms11)<sup>12</sup>**  
The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wqs/gmo/gmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00442>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00263>

<sup>7</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00115>

<sup>8</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00370>

<sup>9</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2012-00753>

<sup>10</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00398>

<sup>11</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00672>

<sup>12</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00857>



#### **5.9 EFSA-GMO-NL-2017-143 (Brassica Napus Ms11xRf3)<sup>13</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### **5.10 Scientific Opinion on plants developed using type 1 and type 2 Site-Directed Nucleases and Oligonucleotide Directed Mutagenesis<sup>14</sup>**

The Working Group discussed the draft opinion. Further discussion is needed.

### **6. AOB**

### **7. Next meeting**

25-26 November 2019, Parma

---

<sup>13</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00424>

<sup>14</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00297>



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 101<sup>st</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 1-2 July 2019, Parma  
(Agreed on 17 July 2019)**

### Participants

- Working Group Members:
  - Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE for item 5.10), Fabien Nogué, Nils Rostoks, and Jose Juan Sanchez Serrano
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - DG SANTE: Alexandre Huchelmann
- EFSA:
  - GMO Unit: Silvia Federici, Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, Tommaso Raffaello
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Josep Casacuberta.

### 2. Adoption of agenda

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 100<sup>th</sup> Working Group meeting held on 7 June 2019, TELE/WEB

The minutes of the 100<sup>th</sup> Working Group meeting held on 7 June 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

- 5.1 EFSA-GMO-BE-2016-138 (Brassica Napus Ms11)<sup>5</sup>**  
The Working Group discussed the application. Further discussion and clarification from the applicant are needed.
- 5.2 EFSA-GMO-NL-2017-143 (Brassica Napus Ms11xRf3)<sup>6</sup>**  
The Working Group discussed the application. Further discussion and clarification from the applicant are needed.
- 5.3 EFSA-GMO-NL-2017-144 (Maize MON 87427 x MON 89034 x MIR162 x MON 87411)<sup>7</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.4 EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)<sup>8</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.5 EFSA-GMO-NL-2018-150 (Maize DP4114 x MON810 x MIR604 x NK603)<sup>9</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.6 EFSA-GMO-NL-2018-153 (Soybean GMB151)<sup>10</sup>**  
The Working Group discussed the application. Further discussion and clarification from the applicant are needed.
- 5.7 Mandate on plants developed using type 1 and type 2 Site-Directed Nucleases and Oligonucleotide Directed Mutagenesis)<sup>11</sup>**  
The Working Group discussed the mandate. Further discussion is needed.

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wgs/gmo/qmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00857>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00424>

<sup>7</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00442>

<sup>8</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00292>

<sup>9</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00370>

<sup>10</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00781>

<sup>11</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00297>



## 6. AOB

None

## 7. Next meeting

23-24 September 2019, Parma



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF THE 100<sup>th</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 7 June 2019 (TELE/WEB)**

**(Agreed on 1 July 2019)<sup>1</sup>**

### Participants

- Working Group Members:
  - Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Fabien Nogué, Nils Rostoks and Jose Juan Sanchez Serrano
- Hearing Experts<sup>2</sup>:
  - Not Applicable
- European Commission and/or Member States representatives:
  - DG SANTE: Ilaria Ciabatti
- EFSA:
  - GMO Unit: Andrea Gennaro, Konstantinos Paraskevopoulos and Tommaso Raffaello
- Others:
  - Not Applicable

### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from Josep Casacuberta.

<sup>1</sup> Minutes should be published within 15 working days of the final day of the relevant meeting.

<sup>2</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>





## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. Certain interests were declared orally by the members before the beginning of the meeting. For further details on the outcome of the screening of the Oral Declaration(s) of Interest made at the beginning of the meeting, please refer to the **Annex**.

## 4. Agreement of the minutes of the 99th Working Group meeting held on 20-21 May 2019, Parma

The minutes of the 99<sup>th</sup> Working Group meeting held on 20-21 May 2019 were agreed<sup>5</sup>

## 5. Scientific topic for discussion

### 5.1. Mandate on plants developed using type 1 and type 2 Site-Directed Nucleases and Oligonucleotide Directed Mutagenesis<sup>6</sup>

EFSA staff introduced to the WG experts the general contents of the mandate, the term of references as agreed with the European Commission. The working group discussed some preliminary scientific aspects of the mandate and the timeframe to deliver the scientific opinion according to the agreed deadline with the European Commission. The working group experts agreed on the general timeframe of the mandate. WG experts will reflect on the implication of new breeding techniques in the context of the mandate's terms of reference.

## 6. Next meeting

1-2 July 2019, Parma

---

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>4</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>5</sup> <http://www.efsa.europa.eu/sites/default/files/wgs/gmo/gmomc2019.pdf>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2019-00297>



## Annex

With regard to this meeting, Fabien Nogu  declared the following interest: participation to the ARRIGE activities (arrige.org) as member of the organization. In accordance with EFSA's Policy on Independence<sup>7</sup> and the Decision of the Executive Director on Competing Interest Management<sup>8</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to potentially represent a Conflict of Interest (CoI). As a precautionary measure, until the new interest has been fully assessed by EFSA, the expert has been excluded from this meeting of the concerned scientific group.

---

<sup>7</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>8</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 99<sup>th</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 20-21 May 2019, Parma  
(Agreed on 14 June 2019)**

### Participants

- Working Group Members:
  - Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE for item 5.10), Fabien Nogué, Nils Rostoks, and Jose Juan Sanchez Serrano
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - DG SANTE: Alexandre Huchelmann
- EFSA:
  - GMO Unit: Silvia Federici, Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, Tommaso Raffaello
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

### 2. Adoption of agenda

The agenda was adopted with one change – the removal of application EFSA-GMO-NL-2018-153.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 98<sup>th</sup> Working Group meeting held on 14-15 March 2019, Parma

The minutes of the 98<sup>th</sup> Working Group meeting held on 14-15 March 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

- 5.1 EFSA-GMO-NL-2012-109 (Oilseed rape 73496)<sup>5</sup>**  
The Working group discussed the application. Further discussion is needed.
- 5.2 EFSA-GMO-NL-2016-128 (Soybean MON 87751 x MON 87701 x MON 87708 x MON 89788)<sup>6</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.3 EFSA-GMO-BE-2016-138 (Brassica Napus Ms11)<sup>7</sup>**  
The Working group discussed the application. Further discussion is needed.
- 5.4 EFSA-GMO-NL-2017-143 (Brassica Napus Ms11xRf3)<sup>8</sup>**  
The Working group discussed the application. Further discussion is needed.
- 5.5 EFSA-GMO-DE-2017-141 (Cotton COT102)<sup>9</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.6 EFSA-GMO-DE-2017-142 (Maize MZIR098)<sup>10</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.7 EFSA-GMO-NL-2017-144 (Maize MON 87427 x MON 89034 x MIR162 x MON 87411)<sup>11</sup>**  
The Working Group discussed the application. Further discussion is needed.
- 5.8 EFSA-GMO-NL-2018-148 (Soybean DP305423 x MON87708 x MON89788)<sup>12</sup>**  
The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wqs/gmo/qmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2012-00617>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00009>

<sup>7</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00857>

<sup>8</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00424>

<sup>9</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00271>

<sup>10</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00398>

<sup>11</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00442>

<sup>12</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00146>



**5.9 EFSA-GMO-NL-2018-151 (Maize MON 89034 x 1507 x MIR162 x NK603 x DAS-40278-9)<sup>13</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.10 EFSA-GMO-ES-2018-154 (Cotton GHB811)<sup>14</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **6. Next meeting**

1-2 July 2019, Parma

---

<sup>13</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00457>

<sup>14</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00808>



# SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

## MINUTES OF 98<sup>th</sup> MEETING OF THE WORKING GROUP ON MOLECULAR CHARACTERISATION

**Held on 14-15 March 2019, Parma  
(Agreed on 29 March 2019)**

### Participants

- Working Group Members:
  - Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE for items 5.5 and 5.9), Fabien Nogu  , Nils Rostoks, and Jose Juan Sanchez Serrano
- Hearing Experts<sup>1</sup>:
  - none
- European Commission and/or Member States representatives:
  - DG SANTE: Alexandre Huchelmann
- EFSA:
  - GMO Unit: Silvia Federici, Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, Tommaso Raffaello
- Others:
  - none

### 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

### 2. Adoption of agenda

The agenda was adopted with no changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

### 4. Agreement of the minutes of the 97<sup>th</sup> Working Group meeting held on 21-22 January 2019, Parma

The minutes of the 97<sup>th</sup> Working Group meeting held on 21-22 January 2019 were agreed<sup>4</sup>

### 5. Scientific topic(s) for discussion

#### 5.1 EFSA-GMO-NL-2012-109 (Oilseed rape 73496)<sup>5</sup>

The Working group discussed the application. Further discussion is needed.

#### 5.2 EFSA-GMO-NL-2016-128 (Soybean MON 87751 x MON 87701 x MON 87708 x MON 89788)<sup>6</sup>

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-BE-2016-138 (Brassica napus Ms11)<sup>7</sup>

The Working group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.4 EFSA-GMO-NL-2017-143 (Brassica napus Ms11xRf3)<sup>8</sup>

The Working group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.5 EFSA-GMO-NL-2017-139 (Maize MON 87427 x MON 87460 x MON 89034 x 1507 x MON 87411 x 59122)<sup>9</sup>

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.6 EFSA-GMO-NL-2017-145 (Maize MON 87427 x MON 89034 x 1507 x MON 87411 x 59122 x DAS-40278-9)<sup>10</sup>

The application was not discussed due to time constraints.

<sup>2</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/policy\\_independence.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf)

<sup>3</sup> [http://www.efsa.europa.eu/sites/default/files/corporate\\_publications/files/competing\\_interest\\_management\\_17.pdf](http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf)

<sup>4</sup> <http://www.efsa.europa.eu/sites/default/files/wqs/gmo/gmomc2019.pdf>

<sup>5</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2012-00617>

<sup>6</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00009>

<sup>7</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2016-00587>

<sup>8</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00424>

<sup>9</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00115>

<sup>10</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2017-00487>



**5.7 EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)<sup>11</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-NL-2018-150 (Maize DP4114 x MON810 x MIR604 x NK603)<sup>12</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-NL 2018-153 (Soybean GMB151)<sup>13</sup>**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.10 EFSA-GMO-ES-2018-154 (Cotton GHB811)<sup>14</sup>**

The application was not discussed due to time constraints.

## 6. Next meeting

20-21 May 2019, Parma

---

<sup>11</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00292>

<sup>12</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00370>

<sup>13</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00781>

<sup>14</sup> <http://registerofquestions.efsa.europa.eu/roqFrontend/questionLoader?question=EFSA-Q-2018-00808>



# Scientific Panel on Genetically Modified Organisms Minutes of the 97<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 21-22 January 2019, Parma  
(Agreed on 7 February 2019)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE for items 5.3 and 5.5), Fabien Nogué, Nils Rostoks, and Jose Juan Sanchez Serrano

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- DG SANTE: Hans Moons, Béatrice Marquez-Garrido and Alexandre Huchelmann

- **EFSA:**

- GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, Tommaso Raffaello, Matthew Ramon.

- **Others:**

- none

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened Interests declared by the working group member invited for the present meeting. No conflicts related to the issues discussed in this meeting have been identified.

## **4. Agreement of the minutes of the 96<sup>th</sup> Working Group held on 26-27 November 2018 in Parma**

The minutes of the 96<sup>th</sup> Working Group meeting held on 26-27 November 2018 in Parma were agreed by written procedure on 18 December 2018<sup>4</sup>.

## **5. Scientific topics for discussion**

### **5.1 EFSA-GMO-NL-2012-109 (Oilseed rape 73496) ([EFSA-Q-2012-00617](#))**

The Working Group discussed the application. Further discussion is needed.

### **5.2 EFSA-GMO-DE-2011-103 (Maize Bt11 x MIR162 x MIR604 x 1507 x 5307 x GA21) ([EFSA-Q-2012-00069](#))**

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

### **5.3 FSA-GMO-NL-2017-144 (Maize MON 87427 x MON 89034 x MIR162 x MON 87411) ([EFSA-Q-2017-00442](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.4 EFSA-GMO-NL-2018-150 (Maize DP4114 x MON810 x MIR604 x NK603)**

**[\(EFSA-Q-2018-00370\)](#)**

The Working Group discussed the application. Further discussion is needed.

**5.5 EFSA-GMO-NL-2017-140 (Maize MON 87419)**

**[\(EFSA-Q-2017-00263\)](#)**

The Working Group discussed the application. Further discussion is needed.

**5.6 EFSA-GMO-BE-2016-138 (Brassica Napus MS11)**

**EFSA- GMO-NL-2017-143 (Brassica Napus MS 11 x RF3)**

**[\(EFSA-Q-2016-00857 and EFSA-Q-2017-00424\)](#)**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**6. Next meeting**

14-15 March 2019, Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 96<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 26-27 November 2018, Parma  
(Agreed on 18 December 2018)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Jan Hejatko (TELE), Fabien Nogué (TELE), Nils Rostoks and Jose Juan Sanchez Serrano

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- DG SANTE: Béatrice Marquez-Garrido and Alexandre Huchelmann

- **EFSA:**

- GMO Unit: Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos, Tommaso Raffaello, Matthew Ramon and Marleen Renders.

- **Others:**

- None

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened Interests declared by the working group member invited for the present meeting. No conflicts related to the issues discussed in this meeting have been identified.

### 4. Agreement of the minutes of the 95<sup>th</sup> Working Group held on 16 October 2018 in Parma

The minutes of the 95<sup>th</sup> Working Group meeting held on 16 October 2018 in Parma were agreed by written procedure on 25 October<sup>4</sup> 2018.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2016-135 (Soybean MON 87708 x MON 89788 x A5547-127)

([EFSA-Q-2016-00688](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.2 FSA-GMO-NL-2016-128 (Soybean MON 87751 x MON 87701 x MON 87708 x MON 89788)

([EFSA-Q-2016-00009](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-NL-2016-134 (Maize MON87427 x MON87460 x MON89034 x MIR162 x NK603)

([EFSA-Q-2016-00686](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.4 EFSA-GMO-NL-2016-131 (Maize MON 87427 x MON 89034 x MIR162 x NK603)

([EFSA-Q-2016-00252](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.5 EFSA-GMO-NL-2012-109 (Oilseed rape 73496)

([EFSA-Q-2012-00617](#))

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-NL-2016-136 (Cotton DAS-81910-7)**  
**([EFSA-Q-2016-00707](#))**

The Working Group discussed the application. Further discussion is needed.

**5.7 EFSA-GMO-NL-2018-151 (Maize MON 89034 x 1507 x  
MIR162 x NK603 x DAS-40278-9)**  
**([EFSA-Q-2018-00457](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**7. Next meeting**

21-22 January 2019, Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 95<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 16 October 2018, Parma  
(Agreed on 25 October 2018)**

## **Participants**

- **Working Group Experts:**

- Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE for item 5.3), Fabien Nogué (TELE), Nils Rostoks and Jose Juan Sanchez Serrano

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- DG SANTE: Béatrice Marquez-Garrido

- **EFSA:**

- GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Tommaso Raffaello, Konstantinos Paraskevopoulos, Marleen Renders and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened Interests declared by the working group member invited for the present meeting. No conflicts related to the issues discussed in this meeting have been identified.

### 4. Agreement of the minutes of the 94<sup>th</sup> Working Group held on 6-7 September 2018 in Parma

The minutes of the 94<sup>th</sup> Working Group meeting held on 6-7 September 2018 in Parma were agreed by written procedure on 26 September<sup>4</sup>, 2018.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2017-143 (Brassica napus MS11 x Rf3) ([EFSA-Q-2017-00424](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.2 FSA-GMO-BE-2016-138 (Brassica napus MS11) ([EFSA-Q-2016-00857](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-NL-2018-148 (Soybean DP305423 x MON87708 x MON89788) ([EFSA-Q-2018-00146](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.4 EFSA-GMO-DE-2017-142 (Maize MZIR098) ([EFSA-Q-2017-00398](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-NL-2017-145 (Maize MON 87427 x MON 89034 x 1507 x MON 87411 x 59122 x DAS-40278-9) ([EFSA-Q-2017-00487](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>



## 5.6 **EFSA-GMO-NL-2018-150 (Maize DP4114 x MON810 x MIR604 x NK603)**

([\*\*EFSA-Q-2018-00370\*\*](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **7. Next meeting**

26-27 November 2018, Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 94<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 6-7 September 2018, Parma  
(Agreed on 26 September 2018)**

## **Participants**

- **Working Group Experts:**

- Tamas Dalmay, Philippe Guerche, Jan Hejatko, Simon Moxon (TELE), Fabien Nogué (TELE), Nils Rostoks and Jose Juan Sanchez Serrano

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- DG SANTE: Alexandre Huchelmann

- **EFSA:**

- GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Tommaso Raffaello, Marleen Renders and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened Interests declared by the working group member invited for the present meeting. No conflicts related to the issues discussed in this meeting have been identified.

### 4. Agreement of the minutes of the 93<sup>rd</sup> Working Group held on 14-15 June 2018 in Parma

The minutes of the 93<sup>rd</sup> Working Group meeting held on 14-15 June 2018 in Parma were agreed by written procedure on 2 July 2018 2018<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9)

([EFSA-Q-2013-00079](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.2 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9)

([EFSA-Q-2013-00210](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.3 EFSA-GMO-DE-2016-133 (Maize MZHG0JG)

([EFSA-Q-2016-00583](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.4 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON 87708 x MON 89788)

([EFSA-Q-2015-00548](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-DE-2011-103 (Maize Bt11 x MIR162 x MIR604 x 1507 x 5307 x GA21)

([EFSA-Q-2012-00069](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-NL-2016-128 (Soybean MON 87751 x MON 87701 x MON 87708 x MON 89788)**

**([EFSA-Q-2016-00009](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.7 EFSA-GMO-NL-2017-139 (Maize MON 87427 x MON 87460 x MON 89034 x 1507 x MON 87411 x 59122)**

**([EFSA-Q-2017-00115](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-NL-2017-144 (Maize MON 87427 x MON 89034 x MIR162 x MON 87411)**

**([EFSA-Q-2017-00442](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-NL-2017-145 (Maize MON 87427 x MON 89034 x 1507 x MON 87411 x 59122 x DAS-40278-9)**

**([EFSA-Q-2017-00487](#))**

The Working Group did not discuss this application due to time constraints

**5.10 EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)**

**([EFSA-Q-2018-00292](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **7. Next meeting**

15-16 October 2018, Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 93<sup>rd</sup> meeting of the Working Group on Molecular Characterisation

**Held on 14-15 June 2018, Parma  
(Agreed on 2 July 2018)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- Javier Moreno for item 6.2

- **European Commission (EC) and/or Member States representatives:**

- DG SANTE: Hans Moons and Alexandre Huchelmann

- **EFSA:**

- GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 92<sup>nd</sup> Working Group held on 23 May 2018 via TELE/WEB

The minutes of the 92<sup>nd</sup> Working Group meeting held on 23 May 2018 via TELE/WEB were agreed by written procedure on 31 May 2018<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2014-122 (Cotton GHB614 x T304-40 x GHB119)

([EFSA-Q-2014-00721](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.2 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)

([EFSA-Q-2016-00077](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.3 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9)

([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.4 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9)

([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-NL-2015-127 (Maize 1507 x MON810 x MIR162 x NK603)

([EFSA-Q-2015-00841](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-NL-2016-131 (Maize MON 87427 x MON 89034 x MIR162 x NK603)**

**([EFSA-Q-2016-00148](#))**

The Working Group discussed the application. Further discussion is needed.

**5.7 EFSA-GMO-NL-2016-134 (Maize MON87427 x MON87460 x MON89034 x MIR162 x NK603)**

**([EFSA-Q-2016-00686](#))**

The Working Group discussed the application. Further discussion is needed.

**5.8 EFSA-GMO-BE-2016-138 (Brassica napus MS11)**

**([EFSA-Q-2016-00857](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-NL-2017-143 (Brassica napus MS11 x Rf3)**

**([EFSA-Q-2017-00424](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.10 EFSA-GMO-DE-2017-142 (Maize MZIR098)**

**([EFSA-Q-2017-00398](#))**

The Working Group discussed the application. Further discussion is needed.

**5.11 EFSA-GMO-RX-011 (Soybean MON 89788)**

**([EFSA-Q-2015-00101](#))**

The Working Group discussed the application. Further discussion is needed.

**5.12 EFSA-GMO-NL-2018-148 (Soybean DP305423 x MON87708 x MON89788)**

**([EFSA-Q-2018-00146](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **6. AOB**

### **6.1 Note to guidance on protein expression**

The MC Working Group Experts discussed and finalised the content of this note to guidance.

### **6.2 Discussion on ORFs**

The MC Working Group Experts and the hearing Expert discussed the strategy for the assessment of Open Reading Frames in GMO applications. Further discussion is needed.

## **7. Next meeting**

6-7 September 2018, Parma



# Scientific Panel on Genetically Modified Organisms Minutes of the 92<sup>nd</sup> meeting of the Working Group on Molecular Characterisation

**Held on 23 May 2018, TELE/WEB  
(Agreed on 31 May 2018)**

## **Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Patrick du Jardin, Fabien Nogué, and Nils Rostoks
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - DG SANTE: Hans Moons and Alexandre Huchelmann
- **EFSA:**
  - GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 91<sup>th</sup> Working Group held on 16-17 April 2018

The minutes of the 91<sup>th</sup> Working Group meeting held on 16-17 April in Parma were agreed by written procedure on 04 May 2018<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-DE-2011-103 (Maize Bt11 x MIR162 x MIR604 x 1507 x 5307 x GA21)

([EFSA-Q-2012-00069](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.2 EFSA-GMO-DE-2017-141 (Cotton COT102)

([EFSA-Q-2017-00271](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-DE-2017-142 (Maize MZIR098)

([EFSA-Q-2017-00398](#))

The Working Group discussed the application. Further discussion is needed.

### 6. Next meeting

14-15 June 2018, Parma

---

<sup>2</sup> <https://www.efsa.europa.eu/sites/default/files/wgs/gmo/gmomc2018.pdf>

# Scientific Panel on Genetically Modified Organisms Minutes of the 91<sup>st</sup> meeting of the Working Group on Molecular Characterisation

**Held on 16-17 April 2018, Parma  
(Agreed on 4 May 2018)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon (via TELE/WEB for items 5.8 and 5.9), Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- Hans Moons and Béatrice Marquez-Garrido (DG SANTE)

- **EFSA:**

- GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted and an extra AOB item (6.2) was added.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 90<sup>th</sup> Working Group held on 22 March 2018 via TELE/WEB

The minutes of the 90<sup>th</sup> Working Group meeting held on 22 March 2018 via TELE/WEB were agreed by written procedure on 28 March 2018<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9)

([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.2 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9)

([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-DE-2010-86 (Maize Bt11 x MIR162 x 1507 x GA21)

([EFSA-Q-2010-01087](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.4 EFSA-GMO-RX-008 (Maize 1507 x NK603)

([EFSA-Q-2017-00029](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

---

<sup>2</sup> <https://www.efsa.europa.eu/sites/default/files/wgs/gmo/gmomc2018.pdf>

**5.5 EFSA-GMO-DE-2016-133 (Maize MZHGOJG)**  
([EFSA-Q-2016-00583](#))

The Working Group discussed the application. Further discussion is needed.

**5.6 EFSA-GMO-RX-009 (Soybean A2704-12)**  
([EFSA-Q-2017-00721](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.7 EFSA-GMO-RX-010 (Cotton LLCotton25)**  
([EFSA-Q-2017-00814](#))

The Working Group discussed the application. Further discussion is needed.

**5.8 EFSA-GMO-NL-2015-124 (Maize MON 87411)**  
([EFSA-Q-2015-00101](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

**5.9 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON 87708 x MON 89788)**  
([EFSA-Q-2015-00548](#))

The Working Group discussed the application. Further discussion is needed.

**5.10 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)**  
([EFSA-Q-2016-00077](#))

The Working Group did not discuss the application due to time constraints.

**5.11 EFSA-GMO-BE-2016-138 (Brassica napus MS11)**  
([EFSA-Q-2016-00857](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.12 EFSA-GMO-NL-2017-143 (Brassica napus MS11 x Rf3)**  
([EFSA-Q-2017-00424](#))

The Working Group discussed the application. Further discussion is needed.

**5.13 EFSA-GMO-NL-2016-136 (Cotton DAS-81910-7)**  
([EFSA-Q-2016-00707](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.14 **EFSA-GMO-DE-2016-137 (Maize GA21 x T25)** ([EFSA-Q-2016-00775](#))

The Working Group discussed the application. Further discussion is needed.

### **6. AOB**

#### **6.1 Note to guidance on protein expression**

The MC Working Group Experts discussed the content of this note to guidance. Further discussion is needed.

#### **6.2 Technical Note to Sequencing Quality**

EFSA staff provided a summary on the progress of the work of the GMO Sequencing WG. A powerpoint presentation of the current draft of the Technical Note to Sequencing Quality was briefly presented to the MC WG experts in preparation of discussion/first reading of the document at the 122<sup>nd</sup> GMO Panel meeting.

### **7. Next meeting**

23 May 2018, TELE/WEB

# Scientific Panel on Genetically Modified Organisms Minutes of the 90<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 22 March 2018, TELE/WEB  
(Agreed on 28 March 2018)**

## **Participants**

- **Working Group Experts:**
  - Tamas Dalmay, Philippe Guerche and Nils Rostoks
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - DG SANTE: Hans Moons
- **EFSA:**
  - GMO Unit: Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 89<sup>th</sup> Working Group held on 22-23 February 2018 in Parma**

The minutes of the 89<sup>th</sup> Working Group meeting held on 22-23 February 2018 in Parma were agreed by written procedure on 2 March 2018<sup>2</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-NL-2016-136 (Cotton DAS-81910-7) ([EFSA-Q-2016-00707](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.2 EFSA-GMO-DE-2016-137 (Maize GA21 x T25) ([EFSA-Q-2016-00775](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.3 EFSA-GMO-RX-008 (Maize 1507 x NK603) ([EFSA-Q-2017-00029](#))**

The Working Group discussed the application. Further discussion is needed.

#### **7. Next meeting**

16-17 April 2018, Parma

---

<sup>2</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>



# Scientific Panel on Genetically Modified Organisms Minutes of the 89<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 22-23 February 2018, Parma  
(Agreed on 2 March 2018)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon, Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- Hans Moons and Béatrice Marquez-Garrido (DG SANTE)

- **EFSA:**

- GMO Unit: Silvia Federici, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 88<sup>th</sup> Working Group held on 11-12 January 2018 in Parma

The minutes of the 88<sup>th</sup> Working Group meeting held on 11-12 January 2018 in Parma were agreed by written procedure on 26 January 2018<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2011-94 (Cotton GHB614 x LLCotton25 x MON 15985)

([EFSA-Q-2011-00134](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.2 EFSA-GMO-BE-2015-125 (Maize MON 87403)

([EFSA-Q-2015-00430](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.3 EFSA-GMO-RX-008 (Maize 1507 x NK603)

([EFSA-Q-2017-00029](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.4 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9)

([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9)

([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

#### **5.6 EFSA-GMO-NL-2014-122 (Cotton GHB614 x T304-40 x GHB119)**

([EFSA-Q-2014-00721](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### **5.7 EFSA-GMO-NL-2012-109 (Oilseed rape 73496)**

([EFSA-Q-2012-00617](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### **5.8 EFSA-GMO-DE-2012-111 (Soybean SYHT0H2)**

([EFSA-Q-2012-00753](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

### **6. AOB**

#### **6.1 Note to guidance on protein expression**

The MC Working Group Experts discussed the content of this note to guidance. Further discussion is needed.

### **7. Next meeting**

22 March 2018, TELE/WEB

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: involved in generating comments for applications: **EFSA-GMO-NL-2012-109 (Oilseed rape 73496)**.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director on Declarations of Interest<sup>4</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.7 by the concerned scientific group.

---

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organisms Minutes of the 88<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 11-12 January 2018, Parma  
(Agreed on 26 January 2018)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon (TELE, for items 5.2-5.5), Fabien Nogu  , Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- Hans Moons (DG SANTE)

- **EFSA:**

- GMO Unit: Silvia Federici, Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 87<sup>th</sup> Working Group held on 27-28 November 2017 in Parma

The minutes of the 87<sup>th</sup> Working Group meeting held on 27-28 November 2017 in Parma were agreed by written procedure on 12 December 2017<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2014-123 (Maize 4114) ([EFSA-Q-2014-00850](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.2 EFSA-GMO-NL-2014-121 (Soybean MON 87751) ([EFSA-Q-2014-00719](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.3 EFSA-GMO-NL-2015-124 (Maize MON 87411) ([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.4 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON 87708 x MON 89788) ([EFSA-Q-2015-00548](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.5 EFSA-GMO-DE-2017-140 (Maize MON87419) ([EFSA-Q-2017-00263](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-RX-007 (Maize NK603 x MON 810)**  
([EFSA-Q-2017-00028](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

**5.7 EFSA-GMO-RX-008 (Maize 1507 x NK603)**  
([EFSA-Q-2017-00029](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9)**  
([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9)**  
([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.10 EFSA-GMO-DE-2010-86 (Maize Bt11 x MIR162 x 1507 x GA21)**  
([EFSA-Q-2010-01087](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.11 EFSA-GMO-NL-2015-127 (Maize 1507 x MON810 x MIR162 x NK603)**  
([EFSA-Q-2015-00841](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

**5.12 EFSA-GMO-DE-2017-142 (Maize MZIR098)**  
([EFSA-Q-2017-00398](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.13 EFSA-GMO-DE-2017-141 (Cotton COT102)**  
([EFSA-Q-2017-00271](#))

The Working Group discussed the application. Further discussion is needed.

## **6. AOB**

### **6.1 Note to guidance on protein expression**

The methodology and data reporting for the levels of newly expressed proteins produced in GM plants was further discussed in the frame of developing an Explanatory note to guidance on protein expression. Additional discussion is needed.

## **7. Next meeting**

22 – 23 February 2018, Parma



## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: involved in generating comments for applications: **EFSA-GMO-NL-2014-121 (Soybean MON 87751)**.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director on Declarations of Interest<sup>4</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.2 by the concerned scientific group.

---

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organisms Minutes of the 87<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 27 – 28 November 2017, Parma  
(Agreed on 12 December 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Huw Jones, Fabien Nogu , Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- B atrice Marquez-Garrido and Hans Moons (DG SANTE)

- **EFSA:**

- GMO Unit: Silvia Federici, Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Patrick du Jardin.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting

### 4. Agreement of the minutes of the 86<sup>th</sup> Working Group held on 23-24 October 2017 in Parma

The minutes of the 86<sup>th</sup> Working Group meeting held on 23-24 October 2017 in Parma were agreed by written procedure on 21 November 2017<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-RX-007 (Maize NK603 x MON 810) ([EFSA-Q-2017-00028](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.2 EFSA-GMO-RX-008 (Maize 1507 x NK603) ([EFSA-Q-2017-00029](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-BE-2015-125 (Maize MON 87403) ([EFSA-Q-2015-00430](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.4 EFSA-GMO-NL-2011-94 (Cotton GHB614 x LLCotton25 x MON 15985) ([EFSA-Q-2011-00134](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-DE-2016-133 (Maize MZHGOJG) ([EFSA-Q-2016-00583](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-DE-2017-141 (Cotton COT102)**  
([EFSA-Q-2017-00271](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.7 EFSA-GMO-DE-2017-142 (Maize MZIR098)**  
([EFSA-Q-2017-00398](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)**  
([EFSA-Q-2016-00775](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-NL-2015-124 (Maize MON87411)**  
([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion is needed.

## **6. AOB**

**6.1 Quality criteria for protein expression data.**

The methodology and data reporting for the levels of newly expressed proteins produced in GM plants was discussed in the frame of developing an Explanatory note to guidance on protein expression. Further discussion is needed.

## **7. Next meeting**

11-12 January 2018, Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 86<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 23 – 24 October, Parma  
(Agreed on 21 November 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon (TELE), Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- Béatrice Marquez-Garrido and Hans Moons (DG SANTE)

- **EFSA:**

- GMO Unit: Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director on Declarations of Interest, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting

### 4. Agreement of the minutes of the 85<sup>th</sup> Working Group held on 3 October 2017 via TELE/WEB

The minutes of the 85<sup>th</sup> Working Group meeting held on 3 October 2017 via Tele/WEB were agreed by written procedure on 17 October 2017<sup>2</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-RX-006 (Sugar beet H7-1) ([EFSA-Q-2017-00026](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.2 EFSA-GMO-UK-2007-42 (Cotton MON 88913 x MON 15985) ([EFSA-Q-2007-086](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.3 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9) ([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.4 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9) ([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.5 Assessment of additional information related to genetically modified maize Bt11 x 59122 x MIR604 x 1507 x GA21 and its subcombinations**

**[\(EFSA-Q-2017-00669\)](#)**

The Working Group discussed the mandate. Further discussion and clarification from the applicant are needed.

**5.6 EFSA-GMO-RX-002 (Oilseed rape GT73)**

**[\(EFSA-Q-2016-00686\)](#)**

The Working Group discussed the application. Further discussion is needed.

**5.7 EFSA-GMO-BE-2016-138 (Brassica napus MS11)**

**[\(EFSA-Q-2016-00857\)](#)**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-DE-2017-141 (Cotton COT102)**

**[\(EFSA-Q-2017-00271\)](#)**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-DE-2017-142 (Maize MZIR098)**

**[\(EFSA-Q-2017-00398\)](#)**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.10 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)**

**[\(EFSA-Q-2016-00077\)](#)**

The Working Group discussed the application. Further discussion is needed.

**5.11 EFSA-GMO-NL-2016-132 (Soybean DAS-81419-2 x DAS-44406-6)**

**[\(EFSA-Q-2016-00253\)](#)**

The Working Group discussed the application. Further discussion is needed.

**5.12 EFSA-GMO-NL-2016-134 (Maize MON 87427 x MON 87460 x MON 89034 x MIR162 x NK603)**

**[\(EFSA-Q-2016-00686\)](#)**

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

### **5.13 EFSA-GMO-NL-2016-135 (Soybean MON 87708 x MON 89788 x A5547-127)**

([\*\*EFSA-Q-2016-00688\*\*](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

## **6. AOB**

6.1 RNAi off-target search methodology

## **7. Next meeting**

27-28 November 2017, Parma



# Scientific Panel on Genetically Modified Organisms Minutes of the 85<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 3 October, TELE/WEB  
(Agreed on 17 October 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Patrick du Jardin, Philippe Guerche and Nils Rostoks

- **European Commission (EC) and/or Member States representatives:**

- Béatrice Garrido-Marquez and Hans Moons (DG SANTE)

- **EFSA:**

- GMO Unit: Irina Olaru, Nikoletta Papadopoulou and Konstantinos Paraskevopoulos.

## **1. Welcome and apologies for absence**

EFSA staff welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interest<sup>2</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 84<sup>th</sup> Working Group held on 7-8 September 2017 in Marseille, France**

The minutes of the 84<sup>th</sup> Working Group meeting held on 7 – 8 September 2017 in Marseille were agreed by written procedure on 21 September 2017<sup>3</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-NL-2015-127 (Maize 1507 x MON810 x MIR162 x NK603)**

([EFSA-Q-2015-00841](#))

The Working Group discussed the application. Further discussion is needed.

##### **5.2 EFSA-GMO-NL-2016-134 (Maize MON 87427 x MON 87460 x MON 89034 x MIR162 x NK603)**

([EFSA-Q-2016-00686](#))

The Working Group discussed the application. Further discussion is needed.

##### **5.3 EFSA-GMO-NL-2016-135 (Soybean MON 87708 x MON 89788 x A5547-127)**

([EFSA-Q-2016-00688](#))

The Working Group discussed the application. Further discussion is needed.

##### **5.4 EFSA-GMO-NL-2017-140 (Maize MON 87419)**

([EFSA-Q-2017-00263](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.5 EFSA-GMO-DE-2017-142 (Maize MZIR098)**

([EFSA-Q-2017-00398](#))

The Working Group discussed the application. Further discussion is needed.

#### **6. Next meeting**

23-24 October 2017, Parma

---

<sup>3</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

# Scientific Panel on Genetically Modified Organisms Minutes of the 84<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 7 – 8 September, Marseille, France  
(Agreed on 21 September 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon, Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 83<sup>rd</sup> Working Group held on 15-16 June 2017 in Parma

The minutes of the 83<sup>rd</sup> Working Group meeting held on 15-16 June 2017 in Parma were agreed by written procedure on 28 June 2017<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2011-92 (Maize 1507 x 59122 x MON 810 x NK603)

([EFSA-Q-2011-00116](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.2 EFSA-GMO-RX-005 (Maize GA21)

([EFSA-Q-2016-00714](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.3 EFSA-GMO-NL-2016-131 (Maize MON 87427 x MON 89034 x MIR162 x NK603)

([EFSA-Q-2016-00148](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.4 EFSA-GMO-RX-004 (Oilseed rape Ms8, RF3, Ms8 x RF3)

([EFSA-Q-2016-00569](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.5 EFSA-GMO-RX-002 (Oilseed rape GT73)

([EFSA-Q-2016-00686](#))

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-NL-2014-121 (Soybean MON 87751)**  
**([EFSA-Q-2014-00719](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.7 EFSA-GMO-NL-2015-124 (Maize MON 87411)**  
**([EFSA-Q-2016-00714](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON 87708 x MON 89788)**  
**([EFSA-Q-2015-00548](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-NL-2016-132 (Soybean DAS-81419-2 x DAS-44406-6)**  
**([EFSA-Q-2016-00253](#))**

The Working Group discussed the application. Further discussion is needed.

**5.10 EFSA-GMO-BE-2015-125 (Maize MON 87403)**  
**([EFSA-Q-2015-00430](#))**

The Working Group discussed the application. Further discussion is needed.

**5.11 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)**  
**([EFSA-Q-2016-00077](#))**

The Working Group did not discuss the application due to time constraints.

**5.12 EFSA-GMO-NL-2017-140 (Maize MON 87419)**  
**([EFSA-Q-2017-00263](#))**

The Working Group did not discuss the application due to time constraints.

## **6. AOB**

### **6.1 RNAi off-target search methodology**

Discussion on the parameters to be used for an RNAi off-target search in plants

## **7. Next meeting**

23-24 October 2017, Parma

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: involved in generating comments for applications: **EFSA-GMO-NL-2014-121 (Soybean MON 87751)**.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.6 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organisms Minutes of the 83<sup>rd</sup> meeting of the Working Group on Molecular Characterisation

**Held on 15 – 16 June, Parma  
(Agreed on 28 June 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon (for items 5.3, 6.1 and 6.2), Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- Beatrice Marquez-Garrido and Hans Moons

- **EFSA:**

- GMO Unit: Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 82<sup>nd</sup> Working Group held on 4 May 2017 via TELE/WEB

The minutes of the 80<sup>th</sup> Working Group meeting held on 4 May 2017 via TELE/WEB were agreed by written procedure on 16 May 2017<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-BE-2013-117 (Maize MON 87427 x MON 89034 x NK603)

([EFSA-Q-2013-00765](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.2 EFSA-GMO-BE-2013-118 (Maize MON 87427 x MON 89034 x 1507 x MON 88017 x 59122)

([EFSA-Q-2013-00926](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.3 Soybean 305423 new sequencing information mandate

([EFSA-Q-2017-00126](#))

The Working Group discussed the additional information received in the frame of this mandate.

#### 5.4 EFSA-GMO-NL-2011-92 (Maize 1507 x 59122 x MON 810 x NK603)

([EFSA-Q-2011-00116](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>



**5.5 EFSA-GMO-NL-2016-134 (Maize MON 87427 x MON 87460 x MON 89034 x MIR162 x NK603)**

([EFSA-Q-2016-00686](#))

The Working Group discussed the application. Further discussion is needed.

**5.6 EFSA-GMO-RX-002 (Oilseed rape GT73)**

([EFSA-Q-2016-00478](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.7 EFSA-GMO-RX-005 (Maize GA21)**

([EFSA-Q-2016-00714](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-RX-006 (Sugar beet H7-1)**

([EFSA-Q-2016-00583](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.9 EFSA-GMO-RX-007 (Maize NK603 x MON 810)**

([EFSA-Q-2017-00028](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.10 EFSA-GMO-BE-2016-136 (Cotton DAS-81910-7)**

([EFSA-Q-2016-00707](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.11 EFSA-GMO-BE-2016-138 (Brassica napus MS11)**

([EFSA-Q-2016-00857](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.12 EFSA-GMO-BE-2015-125 (Maize MON 87403)**

([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion is needed.

## **6. AOB**

### **6.1 RNAi off-target search methodology**

The MC WG discussed elements related to RNAi off-target *in silico* analysis

## **6.2** Explanatory note on next generation sequencing (NGS)

The MC WG discussed the presentation of NGS data in applications. Further discussion is needed.

## **7. Next meeting**

7-8 September 2017, Marseille, France

# Scientific Panel on Genetically Modified Organisms Minutes of the 82<sup>nd</sup> meeting of the Working Group on Molecular Characterisation

**Held on 4 May 2017, TELE/WEB  
(Agreed on 16 May 2017)**

## **Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Patrick du Jardin, Philippe Guerche, Huw Jones, Fabien Nogu  , Christophe Robaglia and Nils Rostoks
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - Lisa Haller
- **EFSA:**
  - GMO Unit: Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received for Tamas Dalmay.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 81<sup>st</sup> Working Group held on 3 – 4 April 2017 in Parma

The minutes of the 81<sup>st</sup> Working Group meeting held on 3 –4 April 2017 in Parma were agreed by written procedure on 12 April 2017<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-RX-004 (Oilseed rape MS8, RF3, MS8 x RF3) ([EFSA-Q-2016-00569](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.2 EFSA-GMO-NL-2014-122 (Cotton GHB614 x T304-40 x GHB119) ([EFSA-Q-2014-00721](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

#### 5.3 EFSA-GMO-NL-2016-134 (Maize MON 87427 x MON 87460 x MON 89034 x MIR162 x NK603) ([EFSA-Q-2016-00685](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

#### 5.4 EFSA-GMO-NL-2016-135 (Soybean MON 87708 x MON 89788 x A5547-127) ([EFSA-Q-2016-00688](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

#### 5.5 EFSA-GMO-BE-2015-125 (Maize MON 87403) ([EFSA-Q-2015-00430](#))

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

The Working Group did not discuss the application due to time constraints.

**5.6 EFSA-GMO-BE-2016-138 (Brassica napus MS11)**  
([EFSA-Q-2016-00857](#))

The Working Group discussed the application. Further discussion is needed.

**5.7 Soybean 305423 new sequencing information mandate**  
([EFSA-Q-2017-00126](#))

The Working Group discussed the mandate. Further discussion and clarification from the applicant is needed.

**6. AOB**

None

**7. Next meeting**

15-16 June 2017 – Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 81<sup>st</sup> meeting of the Working Group on Molecular Characterisation

**Held on 3-4 April 2017, Parma  
(Agreed on 12 April 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon (for item 6.1), Fabien Nogu  , Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.
- Feed Unit: Jaime Aguilera (for item 6.2)

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 80<sup>th</sup> Working Group held on 22 March 2017 in Parma

The minutes of the 80<sup>th</sup> Working Group meeting held on 22 March in Parma were agreed by written procedure on 23 March 2017<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-RX-003 (Maize DAS-59122-7) ([EFSA-Q-2016-00526](#))

The Working Group discussed the application and finalised the Molecular Characterisation parts of the draft opinion.

#### 5.2 EFSA-GMO-BE-2013-118 (Maize MON 87427 x MON 89034 x 1507 x MON 88017 x 59122) ([EFSA-Q-2013-00926](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9) ([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### 5.4 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9) ([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

#### **5.5 EFSA-GMO-NL-2013-115 (Soybean DAS-68416-4 x MON 89788)**

([EFSA-Q-2013-00281](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### **5.6 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)**

([EFSA-Q-2016-00077](#))

The Working Group discussed the application. Further discussion is needed.

#### **5.7 EFSA-GMO-NL-2016-132 (Soybean DAS-81419-2 x DAS-44406-6)**

([EFSA-Q-2016-00195](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### **5.8 EFSA-GMO-DE-2016-133 (Maize MZHG0JG)**

([EFSA-Q-2016-00583](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### **5.9 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)**

([EFSA-Q-2016-00775](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **6. AOB**

### **6.1 Next generation sequencing of GM plants**

The MC WG discussed the presentation of NGS data in applications. Further discussion is needed.

### **6.2 Draft guidance on microbial characterization**

The MC WG discussed sections 4.1 and 4.2 of the draft guidance on microbial characterisation.

## **7. Next meeting**

4 May 2017 – TELE/WEB



# Scientific Panel on Genetically Modified Organisms Minutes of the 80<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 22 March 2017, TELE/WEB  
(Agreed on 23 March 2017)**

## **Participants**

- **Working Group Experts:**
  - Huw Jones and Christophe Robaglia
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Nikoletta Papadopoulou and Konstantinos Paraskevopoulos.
- **Others:**
  - none

## **1. Welcome and apologies for absence**

The EFSA staff welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 79<sup>th</sup> Working Group held on 16-17 February 2017 in Parma.**

The minutes of the 79<sup>th</sup> Working Group meeting held on 16-17 February 2017 in Parma were agreed by written procedure on 07 March 2017<sup>4</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-NL-2014-121 (Soybean MON 87751) ([EFSA-Q-2014-00719](#))**

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion

##### **5.2 EFSA-GMO-NL-2016-131 (MON 87427 x MON 89034 x MIR162 x NK603) ([EFSA-Q-2016-00148](#))**

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion

#### **6. AOB**

None

#### **7. Next meeting**

3-4 April 2017 – Parma

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

# Scientific Panel on Genetically Modified Organisms Minutes of the 79<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 16-17 February 2017, Parma  
(Agreed on 7 March 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Patrick du Jardin, Philippe Guerche, Huw Jones, Simon Moxon (for item 6.1), Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 78<sup>th</sup> Working Group held on 12-13 January 2017 in Parma

The minutes of the 78<sup>th</sup> Working Group meeting held on 12-13 January in Parma were agreed by written procedure on 20 January 2017<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2013-120 (Soybean FG72 x A5547-127) ([EFSA-Q-2013-01032](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.2 Mandate for assessment of additional information on maize Bt11xMIR162xMIR604xGA21 ([EFSA-Q-2016-00730](#))

The Working Group discussed the information received in the frame of the mandate and finalised the draft opinion.

#### 5.3 EFSA-GMO-BE-2013-117 (Maize MON 87427 x MON 89034 x NK603) ([EFSA-Q-2013-00765](#))

The Working Group discussed the application and finalised the Molecular Characterisation section of the draft opinion.

#### 5.4 EFSA-GMO-RX-002 (Oilseed rape GT73) ([EFSA-Q-2016-00478](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

#### 5.5 EFSA-GMO-RX-003 (Maize DAS-59122-7) ([EFSA-Q-2016-00526](#))

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-NL-2014-122 (Cotton GHB614 x T304-40 x GHB119)**

([EFSA-Q-2014-00721](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

**5.7 EFSA-GMO-NL-2013-112 (Maize MON 89034 x 1507 x NK603 x DAS-40278-9)**

([EFSA-Q-2013-00079](#))

The Working Group discussed the application. Further discussion is needed.

**5.8 EFSA-GMO-NL-2013-113 (Maize MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9)**

([EFSA-Q-2013-00210](#))

The Working Group discussed the application. Further discussion is needed.

**5.9 EFSA-GMO-NL-2013-115 (Soybean DAS-68416-4 x MON 89788)**

([EFSA-Q-2013-00281](#))

The Working Group did not discuss the application due to time constraints.

## **6. AOB**

### **6.1 Next generation sequencing of GM plants**

The MC WG discussed the presentation of NGS data in applications. Further discussion is needed.

## **7. Next meeting**

3-4 April 2017 – Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 78<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 12-13 January 2017, Parma  
(Agreed on 20 January 2017)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Huw Jones, Fabien Nogu , Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Irina Olaru, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 77<sup>th</sup> Working Group held on 28-29 November 2016 in Parma

The minutes of the 77<sup>th</sup> Working Group meeting held on 28-29 November in Parma were agreed by written procedure on 16 December 2016<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2012-106 (Soybean DAS-44406-6) ([EFSA-Q-2012-00368](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.2 EFSA-GMO-NL-2013-114 (Cotton MON 88701) ([EFSA-Q-2013-00219](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.3 EFSA-GMO-DE-2010-86 (Maize Bt11 x MIR162 x1507 x GA21) ([EFSA-Q-2010-01087](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.4 EFSA-GMO-NL-2013-119 (Oilseed rape MON 88302 x Ms8 x Rf3) ([EFSA-Q-2013-01002](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.5 EFSA-GMO-NL-2015-124 (Maize MON 87411)**  
**([EFSA-Q-2015-00101](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.6 EFSA-GMO-BE-2015-125 (Maize MON 87403)**  
**([EFSA-Q-2015-00430](#))**

The Working Group discussed the application. Further discussion is needed.

**5.7 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON87708 x MON89788)**  
**([EFSA-Q-2015-00548](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.8 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)**  
**([EFSA-Q-2016-00077](#))**

The Working Group did not discuss the application due to time constraints.

**5.9 EFSA-GMO-NL-2014-122 (Cotton GHB614 x T304-40 x GHB119)**  
**([EFSA-Q-2014-00721](#))**

The Working Group did not discuss the application due to time constraints.

**5.10 EFSA-GMO-RX-004 (Oilseed rape MS8, RF3, MS8 x RF3)**  
**([EFSA-Q-2016-00569](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

## **6. Next meeting**

16-17 February 2017 – Parma



## Annex I

### **Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)**

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossier and involvement in generating comments for application: EFSA-GMO-NL-2012-106 (Soybean DAS-44406-6) and EFSA-GMO-NL-2013-114 (Cotton MON 88701). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.1 and 5.2 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organisms Minutes of the 77<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 28-29 November 2016, Parma  
(Agreed on 16 December 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Huw Jones, Simon Moxon (tele for item 5.1), Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- EC: Maria Mirazchiyska (tele for item 5.2)

- **EFSA:**

- GMO Unit: Ana Gomes, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 76<sup>th</sup> Working Group held on 24-25 October 2016 in Brussels.

The minutes of the 76<sup>th</sup> Working Group meeting held on 24-25 October 2016 in Brussels were agreed by written procedure on 16 November 2016<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-RX-001 (Maize 1507) ([EFSA-Q-2015-00342](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.2 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON87708 x MON89788) ([EFSA-Q-2015-00548](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.3 EFSA-GMO-NL-2013-119 (Oilseed rape MON 88302 x Ms8 x Rf3) ([EFSA-Q-2013-01002](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.4 EFSA-GMO-NL-2015-127 (Maize 1507 x MON810 x MIR162 x NK603) ([EFSA-Q-2015-00841](#))

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.5 EFSA-GMO-NL-2014-123 (Maize 4114)**  
**([EFSA-Q-2014-00850](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.6 EFSA-GMO-NL-2014-122 (Cotton GHB614 x T304-40 x GHB119)**  
**([EFSA-Q-2014-00721](#))**

The Working Group did not discuss the application due to time constraints.

**5.7 EFSA-GMO-RX-004 (Oilseed rape MS8, RF3, MS8 x RF3)**  
**([EFSA-Q-2016-00569](#))**

The Working Group discussed the application. Further discussion is needed.

**6. Any other business**

None

**7. Next meeting**

12-13 January 2017 - Parma

# Scientific Panel on Genetically Modified Organisms Minutes of the 76<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 24-25 October 2016, Brussels  
(Agreed on 17 November 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Huw Jones, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Fabien Nogué.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 75<sup>th</sup> Working Group held on 11 October 2016 in Parma.

The minutes of the 75<sup>th</sup> Working Group meeting held on 11 October 2016 in Parma were agreed by written procedure on 03 November 2016<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2010-89 (Maize DAS-40278-9) ([EFSA-Q-2010-01326](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.2 New sequencing information for maize DAS-59122-7 ([EFSA-Q-2016-00506](#))

The Working Group discussed the mandate. The Panel statement document will proceed to finalisation.

#### 5.3 EFSA-GMO-NL-2011-94 (Cotton GHB614 x LLCotton25 x MON 15985) ([EFSA-Q-2011-00134](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.4 EFSA-GMO-RX-001 (Maize 1507) ([EFSA-Q-2015-00342](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-NL-2013-119 (Oilseed rape MON 88302 x Ms8 x Rf3) ([EFSA-Q-2013-01002](#))

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

**5.6 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)**  
([EFSA-Q-2016-00077](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.7 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON87708 x MON89788)**  
([EFSA-Q-2015-00548](#))

The Working Group discussed the application. Further discussion is needed.

**5.8 EFSA-GMO-DE-2012-111 (Soybean SYHTOH2)**  
([EFSA-Q-2012-00753](#))

The Working Group discussed the application. Further discussion is needed

**5.9 EFSA-GMO-NL-2013-120 (Soybean FG72 x A5547-127)**  
([EFSA-Q-2013-01032](#))

The Working Group discussed the application. Further discussion is needed.

**5.10 EFSA-GMO-NL-2014-121 (Soybean MON87751)**  
([EFSA-Q-2014-00719](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.11 EFSA-GMO-NL-2014-123 (Maize 4114)**  
([EFSA-Q-2014-00850](#))

The Working Group discussed the application. Further discussion is needed.

**5.12 EFSA-GMO-NL-2016-131 (Maize MON 87427 x MON 89034 x MIR162 x NK603)**  
([EFSA-Q-2016-00148](#))

The Working Group discussed the application. Further discussion is needed.

**5.13 EFSA-GMO-NL-2012-109 (Oilseed rape 73496)**  
([EFSA-Q-2012-00617](#))

The Working Group discussed the application. Further discussion is needed.

**5.14 EFSA-GMO-NL-2015-127 (Maize 1507 x MON810 x MIR162 x NK603)**  
([EFSA-Q-2015-00841](#))

The Working Group discussed the application. Further discussion is needed.

## **6. Next meeting**

28 and 29 November, 2016 - Parma



## Annex I

### **Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)**

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossier and involved in generating comments for application: EFSA-GMO-NL-2014-121 (Soybean MON87751) and EFSA-GMO-NL-2012-109 (Oilseed rape 73496).

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.10 and 5.13 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organisms Minutes of the 75<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 11 October 2016, TELE/WEB  
(Agreed on 3rd November 2016)**

## **Participants**

- **Working Group Experts:**
  - Lieve Herman, Fabien Nogué and Christoph Tebbe
- **EFSA:**
  - GMO Unit: Andrea Gennaro, Ana Gomes and Nikoletta Papadopoulou
- **Others:**
  - Jan Paces (GMO Bioinformatics Contractor)

## **1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received by Christoph Tebbe.

## **2. Adoption of agenda**

The agenda was adopted without changes

## **3. Declarations of interest**

Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared<sup>12</sup>.

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Agreement of the minutes of the 74th Working Group held on 19-20 September 2016**

The minutes of the 74th Working Group meeting held on 19 - 20 September 2016 in Parma were agreed by written procedure on 4 October 2016

#### **5. Scientific topics for discussion**

The use of similarity searches between GM plant DNA and sequences in the patent database for the analysis of the potential for HGT was discussed. Examples using the LOHIRIA algorithm were presented.

#### **6. Any Other Business**

Discussion on the Note to GMO Guidance document on HGT. Revisions and next steps to take.

#### **7. Next meeting**

24 and 25 October, 2016 - Brussels

# Scientific Panel on Genetically Modified Organisms Minutes of the 74<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 19-20 September 2016, Parma  
(Agreed on 04 October 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Huw Jones, Fabien Nogu  , Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- Javier Moreno for item 6.1

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Fabrizio Chiaramonte, Ana Gomes, Nikoletta Papadopoulou, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 73<sup>rd</sup> Working Group held on 16 – 17 June 2016 in Parma.

The minutes of the 73<sup>rd</sup> Working Group meeting held on 16 - 17 June 2016 in Parma were agreed by written procedure on 28 June 2016<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-NL-2011-96 (Cotton GHB119) ([EFSA-Q-2011-00311](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.2 EFSA-GMO-BE-2015-125 (Maize MON87403) ([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

#### 5.3 EFSA-GMO-NL-2011-92 (Maize 1507 x 59122 x MON810 x NK603) ([EFSA-Q-2011-00116](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.4 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5) ([EFSA-Q-2016-00077](#))

The Working Group discussed the application. Further discussion is needed.

#### 5.5 EFSA-GMO-NL-2010-89 (Maize DAS-40278-9) ([EFSA-Q-2010-01326](#))

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.6 EFSA-GMO-BE-2013-117 (Maize MON 87427 x MON 89034 x NK603)**

([EFSA-Q-2013-00765](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.7 EFSA-GMO-NL-2011-94 (Cotton GHB614 x LLCotton25 x MON 15985)**

([EFSA-Q-2011-00134](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.8 EFSA-GMO-DE-2012-111 (Soybean SYHTOH2)**

([EFSA-Q-2012-00753](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.9 EFSA-GMO-NL-2013-120 (Soybean FG72xA5547-127)**

([EFSA-Q-2013-01032](#))

The Working Group discussed the application. Further discussion and clarification from the applicant is needed.

**5.10 New sequencing information for maize DAS-59122-7**

([EFSA-Q-2016-00506](#))

The Working Group discussed the application. Further discussion is needed.

**5.11 EFSA-GMO-RX-001 (Maize 1507)**

([EFSA-Q-2015-00342](#))

The Working Group discussed the application. Further discussion is needed

**5.12 EFSA-GMO-NL-2013-116 (Soybean DAS-81419-2)**

([EFSA-Q-2013-00527](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.13 EFSA-GMO-NL-2013-119 (Oilseed rape MON 88302 x Ms8 x Rf3)**

([EFSA-Q-2013-01002](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.14 EFSA-GMO-NL-2016-131 (Maize MON 87427 x MON 89034 x MIR162 x NK603)**  
([EFSA-Q-2016-00148](#))

The application was not discussed due to lack of time.

**5.15 EFSA-GMO-UK-2007-42 (Cotton MON 88913 x MON 15985)**  
([EFSA-Q-2007-086](#))

The Working Group discussed the application. Further discussion is needed.

**5.16 EFSA-GMO-NL-2014-121 (Soybean MON87751)**  
([EFSA-Q-2014-00719](#))

The application was not discussed due to lack of time.

**5.17 EFA-GMO-BE-2013-118 (Maize MON 87427 x MON 89034 x 1507 x MON 88017 x 59122)**  
([EFSA-Q-2013-00926](#))

The application was not discussed due to lack of time.

**5.18 EFSA-GMO-NL-2014-123 (Maize 4114)**  
([EFSA-Q-2014-00850](#))

The application was not discussed due to lack of time.

## **6. Any Other Business**

- 6.1 Discussion on the molecular characterisation data requirements for low level presence of GM plants

## **7. Next meeting**

24 and 25 October, 2016 - Brussels

## Annex I

### **Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)**

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossier and involved in generating comments for application: EFSA-GMO-NL-2014-121 (Soybean MON87751). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.16 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>



# Scientific Panel on Genetically Modified Organisms Minutes of the 73<sup>rd</sup> meeting of the Working Group on Molecular Characterisation

**Held on 16 – 17 June 2016, Parma  
(Agreed on 28 June 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay, Philippe Guerche, Huw Jones, Fabien Nogué, Simon Moxon (for item 11, 12) Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Fabrizio Chiaramonte, Ana Gomes, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 72<sup>nd</sup> Working Group held on 17 May 2016 in Parma.

The minutes of the 72<sup>nd</sup> Working Group meeting held on 17 May 2016 in Parma were agreed by written procedure on 20 May 2016<sup>4</sup>.

### 5. Scientific topics for discussion

5.1 EFSA-GMO-NL-2011-92 (Maize 1507 x 59122 x MON810 x NK603)  
([EFSA-Q-2011-00116](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.2 EFSA-GMO-RX-001 (Maize 1507)  
([EFSA-Q-2015-00342](#))

The Working Group discussed the application. Further discussion is needed

5.3 EFSA-GMO-NL-2012-109 (Oilseed rape 73496)  
([EFSA-Q-2012-00617](#))

The Working Group discussed the application. Further discussion is needed.

5.4 EFSA-GMO-NL-2015-124 (Maize MON87411)  
([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion is needed.

5.5 EFSA-GMO-BE-2015-125 (Maize MON87403)  
([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

5.6 EFSA-GMO-NL-2015-127 (Maize 1507 x MON 810 x MIR162 x NK603)

([EFSA-Q-2015-00841](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.7 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5)

([EFSA-Q-2016-00077](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.8 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON 87708 x MON 89788)

([EFSA-Q-2015-00548](#))

The Working Group discussed the application. Further discussion is needed.

5.9 EFSA-GMO-NL-2016-131 (Maize MON 87427 x MON 89034 x MIR162 x NK603)

([EFSA-Q-2016-00148](#))

The Working Group discussed the application. Further discussion is needed.

## 6. Next meeting

19 and 20 September, 2016 – Parma

## Annex I

### **Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)**

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossier and involved in generating comments for application: EFSA-GMO-NL-2012-109 (Oilseed rape 73496). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda item 5.3 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organisms Minutes of the 72<sup>nd</sup> meeting of the Working Group on Molecular Characterisation

**Held on 17 May 2016, Parma  
(Agreed on 20 May 2016)**

## **Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Fabien Nogué and Christophe Robaglia
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Ana Gomes, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

of Interest<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 71<sup>th</sup> Working Group held on 21-22 April 2016 in Parma.**

The minutes of the 71<sup>th</sup> Working Group meeting held on 21-22 April 2016 in Parma were agreed by written procedure on 4 May 2016<sup>4</sup>.

#### **5. Scientific topics for discussion**

- 5.1 EFSA-GMO-NL-2015-127 (Maize 1507 x MON 810 x MIR162 x NK603) ([EFSA-Q-2015-00841](#))

The application was not discussed due to lack of time.

- 5.2 EFSA-GMO-DE-2016-130 (Maize VCO-01981-5) ([EFSA-Q-2016-00077](#))

The Working Group discussed the application. Further discussion is needed.

#### **7. Next meeting**

16 and 17 June, 2016 – Parma

---

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

# Scientific Panel on Genetically Modified Organisms Minutes of the 71<sup>st</sup> meeting of the Working Group on Molecular Characterisation

**Held on 21-22 April 2016, Parma  
(Agreed on 4 May 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay (for item 5.3); Philippe Guerche, Huw Jones, Fabien Nogué, Simon Moxon (for item 5.9) Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 70<sup>th</sup> Working Group held on 18-19 February 2016 in Parma.

The minutes of the 70<sup>th</sup> Working Group meeting held on 18-19 February 2016 in Parma were agreed by written procedure on 8 March 2016<sup>4</sup>.

### 5. Scientific topics for discussion

5.1 EFSA-GMO-RX-001 (Maize 1507)  
([EFSA-Q-2015-00342](#))

The Working Group discussed the application. Further discussion is needed.

5.2 EFSA-GMO-NL-2012-106 (Soybean DAS-44406-6)  
([EFSA-Q-2012-00368](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.3 EFSA-GMO-NL-2015-124 (Maize MON87411)  
([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion is needed.

5.4 EFSA-GMO-BE-2015-125 (Maize MON87403)  
([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.5 EFSA-GMO-NL-2013-116 (Soybean DAS-81419-2)  
([EFSA-Q-2013-00527](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>



5.6 EFSA-GMO-DE-2010-86 (Maize Bt11 x MIR162 x 1507 x GA21)  
([EFSA-Q-2010-01087](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.7 EFSA-GMO-DE-2011-99 (Maize Bt11 x 59122 x MIR604 x 1507 x GA21)  
([EFSA-Q-2011-00894](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.8 EFSA-GMO-NL-2013-120 (Soybean FG72 x A5547-127)  
([EFSA-Q-2013-01032](#))

The Working Group discussed the application. Further discussion is needed.

5.9 EFSA-GMO-NL-2014-121 (Soybean MON87751)  
([EFSA-Q-2014-00719](#))

The Working Group discussed the application. Further discussion is needed.

5.10 EFSA-GMO-NL-2011-96 (Cotton GHB119)  
([EFSA-Q-2011-0311](#))

The Working Group discussed the application. Further discussion is needed.

5.11 EFSA-GMO-NL-2011-91 (Soybean DAS-68416-4)  
([EFSA-Q-2011-00052](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.12 EFSA-GMO-NL-2007-47 (Soybean 305423 x 40-3-2)  
([EFSA-Q-2007-175](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.13 EFSA-GMO-NL-2011-94 (Cotton GHB614 x LLCotton25 x MON 15985)  
([EFSA-Q-2011-00134](#))

The Working Group discussed the application. Further discussion is needed.

5.14 EFSA-GMO-NL-2015-126 (Soybean MON 87705 x MON 87708 x MON 89788)  
([EFSA-Q-2015-00548](#))

The application was not discussed due to lack of time.

5.15 EFSA-GMO-NL-2015-127 (Maize 1507 x MON 810 x MIR162 x NK603)  
([EFSA-Q-2015-00841](#))

The application was not discussed due to lack of time.

## **6. Any other business**

6.1 LLP mandate

## **7. Next meeting**

16 and 17 June, 2016 – Parma

## Annex I

### **Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)**

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossiers and involved in generating comments for applications: EFSA-GMO-NL-2012-106 (DAS-44406-6 Soybean); EFSA-GMO-NL-2014-121 (Soybean MON 87751) and EFSA-GMO-NL-2011-91 (Soybean DAS-68416-4)

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda items 5.2; 5.9 and 5.11 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organism Unit Minutes of the 70<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 18-19 February 2016, Parma  
(Agreed on 8 March 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Tamas Dalmay (for item 5.8); Philippe Guerche, Huw Jones, Fabien Nogué, Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 69<sup>th</sup> Working Group held on 14 – 15 January 2016 in Parma.

The minutes of the 69th Working Group meeting held on 14-15 January 2016 in Parma were agreed by written procedure on 12 February 2016<sup>4</sup>.

### 5. Scientific topics for discussion

5.1 EFSA-GMO-NL-68 (281-24-236 x 3006-210-23 x MON88913 Cotton)  
([EFSA-Q-2009-00491](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.2 EFSA-GMO-NL-2009-75 (MS8 x RF3 x GT73 Oilseed rape)  
([EFSA-Q-2009-00890](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.3 FLO-40685-2 Carnation  
([EFSA-Q-2015-00122](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.4 EFSA-GMO-NL-2012-106 (DAS-44406-6 Soybean)  
([EFSA-Q-2012-00368](http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerule2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

5.5 EFSA-GMO-NL-2013-114 (MON88701 Cotton)  
([EFSA-Q-2013-00219](#))

The Working Group discussed the application. Further discussion is needed.

5.6 EFSA-GMO-NL-2012-109 (73496 Oilseed rape)  
([EFSA-Q-2012-00617](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.7 EFSA-GMO-NL-2013-120 (FG72 x A5547-127 Soybean)  
([EFSA-Q-2013-01032](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.8 EFSA-GMO-NL-2015-124 (MON87411 Maize)  
([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion is needed.

5.9 EFSA-GMO-BE-2015-125 (MON87403 Maize)  
([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion is needed.

5.10 EFSA-GMO-NL-2014-121 (MON87751 Soybean)  
([EFSA-Q-2014-00719](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.11 EFSA-GMO-NL-2013-116 (DAS-81419-2 Soybean)  
([EFSA-Q-2013-00527](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **6. Any other business**

6.1 Feedback from the LLP WG

6.2 Criteria to assess studies performed in other countries

## **7. Next meeting**

21 and 22 April, 2016 - Parma

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossiers and involved in generating comments for applications: ESA-GMO-NL-2009-75 (MS8 x RF3 x GT73 Oilseed rape); EFSA-GMO-NL-2012-106 (DAS-44406-6 Soybean); EFSA-GMO-NL-2013-114 (MON88701 Cotton); EFSA-GMO-NL-2012-109 (73496 Oilseed rape) and EFSA-GMO-NL-2014-121 (MON87751 Soybean). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest. This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda items 5.2; 5.4; 5.5; 5.6 and 5.10 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

# Scientific Panel on Genetically Modified Organism Unit Minutes of the 69<sup>th</sup> meeting of the Working Group on Molecular Characterisation

**Held on 14-15 January 2016, Parma  
(Agreed on 12 February 2016)**

## **Participants**

- **Working Group Experts:**

- Josep Casacuberta, Georg Groth (for item 6.1), Philippe Guerche, Huw Jones, Simon Moxon (for items 5.10 and 5.11), Fabien Nogu  , Christophe Robaglia and Nils Rostoks

- **Hearing Experts<sup>1</sup>:**

- none

- **European Commission (EC) and/or Member States representatives:**

- none

- **EFSA:**

- GMO Unit: Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon, Elisabeth Waigmann.

- **Others:**

- none

## **1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

## **2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 68<sup>th</sup> Working Group held on 18 – 20 November 2015 in Parma.

The minutes of the 68th Working Group meeting held on 18-20 November 2015 in Parma were agreed by written procedure on 9 December 2015<sup>4</sup>.

### 5. Scientific topics for discussion

- 5.1 EFSA-GMO-NL-2009-75 (MS8 x RF3 x GT73 Oilseed rape)  
([EFSA-Q-2009-00890](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

- 5.2 EFSA-GMO-NL-68 (281-24-236 x 3006-210-23 x MON88913 Cotton)  
([EFSA-Q-2009-00491](#))

The Working Group discussed the mandate. The Molecular Characterisation section of the opinion will proceed to finalisation.

- 5.3 EFSA-GMO-NL-2011-96 (GHB119 Cotton)  
([EFSA-Q-2011-00311](#))

This application was not discussed due to lack of time.

- 5.4 EFSA-GMO-NL-2014-121 (MON87751 Soybean)  
([EFSA-Q-2014-00719](#))

The Working Group discussed the application. Further discussion is needed.

- 5.5 FLO-40685-2 Carnation  
([EFSA-Q-2015-00122](#))

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

The Working Group discussed the application. Further discussion is needed.

5.6 EFSA-GMO-NL-2014-123 (4114 Maize)  
([EFSA-Q-2014-00850](#))

The Working Group discussed the application. Further discussion is needed.

5.7 EFSA-GMO-NL-2012-109 (73496 Oilseed rape)  
([EFSA-Q-2012-00617](#))

The Working Group discussed the application. Further discussion is needed.

5.8 EFSA-GMO-NL-2013-120 (FG72 x A5547-127 Soybean)  
([EFSA-Q-2013-01032](#))

This application was not discussed due to lack of time.

5.9 EFSA-GMO-NL-2013-116 (DAS-81419-2 Soybean)  
([EFSA-Q-2013-00527](#))

The Working Group discussed the application. Further discussion is needed.

5.10 EFSA-GMO-NL-2015-124 (MON87411 Maize)  
([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion is needed.

5.11 EFSA-GMO-BE-2015-125 (MON87403 Maize)  
([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion is needed.

5.12 EFSA-GMO-RX-001 (1507 Maize)  
([EFSA-Q-2015-00342](#))

This application was not discussed due to lack of time.

## 6. Any other business

### 6.1 Protein equivalence

The Working Group discussed the data requirements for protein characterisation and equivalence.

## 7. Next meeting

18-19 February 2016, Parma

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: evaluation of the molecular studies of the dossiers and involved in generating comments for applications: ESA-GMO-NL-2009-75 (MS8 x RF3 x GT73 Oilseed rape); EFSA-GMO-NL-2009-68 (281-24-236x3006-210-23xMON88913 Cotton); EFSA-GMO-NL-2014-121 (MON87751 Soybean) and EFSA-GMO-NL-2012-109 (73496 Oilseed rape). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda items 5.1; 5.2; 5.4 and 5.7 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 68<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 18-20 November 2015, Parma**  
**(Agreed on 09 December 2015)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Tamas Dalmay (items 5.4, 6.1, 6.2), Philippe Guerche, Huw Jones, Fabien Nogu  , Christophe Robaglia, Nils Rostoks
- **Hearing Experts<sup>1</sup>:**
  - Simon Moxon (items 6.1 and 6.2)
- **European Commission (EC) and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zolt  n Div  ki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

**1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:

<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Agreement of the minutes of the 67<sup>th</sup> Working Group held on 8 – 9 October 2015 via TELE/WEB**

The minutes of the 67<sup>th</sup> Working Group meeting held on 8-9 October 2015 via TELE/WEB were agreed by written procedure on 6 November 2015<sup>4</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-RX-001 (1507 Maize)**

([EFSA-Q-2015-00342](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.2 EFSA-GMO-NL-2013-116 (DAS-81419-2 Soybean)**

([EFSA-Q-2013-00527](#))

The Working Group discussed the application. Further discussion is needed.

##### **5.3 EFSA-GMO-NL-2014-121 (MON 87751 Soybean)**

([EFSA-Q-2014-00719](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.4 EFSA-GMO-NL-2015-124 (MON 87411 Maize)**

([EFSA-Q-2015-00101](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.5 EFSA-GMO-BE-2015-125 (MON 87403 Maize)**

([EFSA-Q-2015-00430](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.6 EFSA-GMO-BE-2013-117 (MON 87427 x MON 89034 x NK603 Maize)**

([EFSA-Q-2013-00765](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.7 EFSA-GMO-BE-2013-118 (MON 87427xMON 89034x1507xMON 88017x59122 Maize)**

([EFSA-Q-2013-00926](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.8 EFSA-GMO-NL-2014-123 (4114 Maize)**

([EFSA-Q-2014-00850](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

---

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

## **6. Any other business**

6.1 Off target assessment of RNAi-based GM plants

6.2 Next Generation sequencing of GM plants

6.3 Protein expression data in GM plants

## **7. Next meeting**

14 – 15 January 2016

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: Mr Guerche has evaluated the molecular studies of the dossier and was involved in generating comments for application: EFSA-GMO-NL-2014-121 (MON 87751 Soybean). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest. This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda items 5.3 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 67<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 8 – 9 October 2015, TELE/WEB**  
**(Agreed on 6 November 2015)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Philippe Guerche, Huw Jones, Fabien Nogué, Christophe Robaglia, Nils Rostoks
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

**1. Welcome and apologies for absence**

The Chair welcomed the participants. No apologies were received.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADol or the SDol, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>



#### **4. Agreement of the minutes of the 66<sup>th</sup> Working Group held on 27 – 28 August 2015 in Parma.**

The minutes of the 66th Working Group meeting held on 27-28 August 2015 in Parma were agreed by written procedure on 7 September 2015<sup>4</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-NL-2010-89 (DAS-40278-9 Maize)**

([EFSA-Q-2010-01326](#))

The Working Group discussed the additional information and the application. Further discussion is needed.

##### **5.2 EC Mandate – New sequencing information on maize event GA21**

([EFSA-Q-2015-00475](#))

The Working Group discussed the mandate. The statement will proceed to finalisation.

##### **5.3 EFSA-GMO-DE-2009-66 (Bt11×MIR162×MIR604×GA21 Maize)**

([EFSA-Q-2009-00444](#))

The Working Group discussed the additional information and the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.4 EFSA-GMO-DE-2010-86 (Bt11×MIR162×1507×GA21 Maize)**

([EFSA-Q-2010-01087](#))

This application was not discussed due to lack of time.

##### **5.5 EFSA-GMO-DE-2011-99 (Bt11×59122×MIR604×1507×GA21 Maize)**

([EFSA-Q-2011-00894](#))

This application was not discussed due to lack of time.

##### **5.6 EFSA-GMO-NL-2007-47 (305423×40-3-2 Soybean)**

([EFSA-Q-2007-175](#))

The Working Group discussed the additional information and the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.7 FLO-40685-2 Carnation**

([EFSA-Q-2015-00122](#))

The Working Group discussed the notification. Further discussion and clarification from the applicant are needed.

##### **5.8 SHD-27531-4 Carnation**

([EFSA-Q-2015-00126](#))

The Working Group discussed the notification. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.9 EFSA-GMO-NL-2011-91 (DAS-68416-4 Soybean)**

([EFSA-Q-2011-00052](#))

The Working Group discussed the additional information and the application. Further discussion is needed.

---

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

5.10 EFSA-GMO-NL-2014-123 (4114 Maize)  
([EFSA-Q-2014-00850](#))

The Working Group discussed the application. Further discussion is needed.

5.11 EFSA-GMO-RX-001 (1507 Maize)  
([EFSA-Q-2015-00342](#))

This application was not discussed due to lack of time.

5.12 EFSA-GMO-NL-2013-116 (DAS-81419-2 Soybean)  
([EFSA-Q-2013-00527](#))

This application was not discussed due to lack of time.

5.13 EFSA-GMO-NL-2009-68 (281-24-236x3006-210-23xMON88913 Cotton)  
([EFSA-Q-2009-00491](#))

The Working Group discussed the application. Further discussion is needed.

## **6. Any other business**

6.1 Update on the MC WG schedule for 2016

## **7. Next meeting**

18 – 20 November 2015, Parma

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: Mr Guerche has evaluated the molecular studies of the dossiers and was involved in generating comments for applications: EFSA-GMO-NL-2011-91 (DAS-68416-4 Soybean) and EFSA-GMO-NL-2009-68 (281-24-236x3006-210-23xMON88913 Cotton). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda items 5.9 and 5.13 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 66<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 27 – 28 August 2015, Parma**  
**(Agreed on 7 September 2015)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Philippe Guerche, Huw Jones, Fabien Nogué, Nils Rostoks
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission (EC) and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Christophe Robaglia.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Agreement of the minutes of the 65<sup>th</sup> Working Group tele-meeting held on 18 – 19 June 2015.**

The minutes of the 65th Working Group meeting were agreed by written procedure on 16 July 2015<sup>4</sup>.

#### **5. Scientific topics for discussion**

5.1 EFSA-GMO-NL-2010-85 (MON 87769×MON89788 Soybean)  
([EFSA-Q-2010-01086](#))

The Working Group discussed the additional information and the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

5.2 EFSA-GMO-NL-2007-47 (305423×40-3-2 Soybean)  
([EFSA-Q-2007-175](#))

The Working Group discussed the additional information and the application. Further discussion and clarification from the applicant are needed.

5.3 EFSA-GMO-NL-2014-121 (MON 87751 Soybean)  
([EFSA-Q-2014-00719](#))

The Working Group discussed the additional information for this application. Further discussion is needed.

5.4 EFSA-GMO-DE-2009-66 (Bt11×MIR162×MIR604×GA21 Maize)  
([EFSA-Q-2009-00444](#))

This application was not discussed due to lack of time.

5.5 EFSA-GMO-DE-2010-86 (Bt11×MIR162×1507×GA21 Maize)  
([EFSA-Q-2010-01087](#))

This application was not discussed due to lack of time.

5.6 EFSA-GMO-DE-2011-99 (Bt11×59122×MIR604×1507×GA21 Maize)  
([EFSA-Q-2011-00894](#))

This application was not discussed due to lack of time.

5.7 EFSA-GMO-NL-2013-114 (MON 88701 Cotton)  
([EFSA-Q-2013-00219](#))

The Working Group discussed the additional information for this application. Further discussion is needed.

5.8 EFSA-GMO-DE-2012-111 (SYHTOH2 Soybean)  
([EFSA-Q-2012-00753](#))

The Working Group discussed the additional information for this application. Further discussion and clarification from the applicant are needed.

5.9 EFSA-GMO-NL-2011-91 (DAS-68416-4 Soybean)  
([EFSA-Q-2011-00052](#))

The Working Group discussed the additional information for this application. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

5.10 EFSA-GMO-NL-2012-106 (DAS-44406-6 Soybean)  
([EFSA-Q-2012-00368](#))

The Working Group discussed the additional information for this application. Further discussion is needed.

5.11 EFSA-GMO-NL-2009-68 (281-24-236x3006-210-23xMON88913 Cotton)  
([EFSA-Q-2009-00491](#))

The Working Group discussed the additional information for this application. Further discussion is needed.

5.12 EC Mandate – New sequencing information on maize events MIR604 and GA21 ([EFSA-Q-2015-00473](#) and [EFSA-Q-2015-00475](#))

The Working Group discussed the mandate. Further discussion and clarification from the applicant are needed.

5.13 EFSA-GMO-RX-001 (4114 Maize)  
([EFSA-Q-2015-00342](#))

This application was not discussed due to lack of time.

5.14 EFSA-GMO-NL-2013-116 (DAS-81419-2 Soybean)  
([EFSA-Q-2013-00527](#))

This application was not discussed due to lack of time.

5.15 EFSA-GMO-NL-2013-120 (FG72xA5547-127 Soybean)  
([EFSA-Q-2013-01032](#))

This application was not discussed due to lack of time.

5.16 EFSA-GMO-NL-2015-124 (MON 87411 Maize)  
([EFSA-Q-2015-00101](#))

This application was not discussed due to lack of time.

## 6. Any other business

### 6.1 Discussion on interactions

The WG further discussed the safety assessment of interactions between events in a stack.

## 7. Next meeting

8 - 9 October 2015, tele-meeting

## Annex I

### Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Philippe Guerche declared the following interest: Mr Guerche has evaluated the molecular studies of the dossiers and was involved in generating comments for applications: EFSA-GMO-NL-2014-121 (MON87751 Soybean); EFSA-GMO-NL-2013-114 (MON88701 Cotton); EFSA-GMO-NL-2011-91 (DAS-68416-4 Soybean); EFSA-GMO-NL-2012-106 (DAS-44406-6 Soybean) and EFSA-GMO-NL-2009-68 (281-24-236x3006-210-23xMON88913 Cotton). In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest.

This results in the exclusion of the expert from any discussion, voting or other processing of aforementioned agenda items 5.3, 5.7, 5.9, 5.10 and 5.11 by the concerned scientific group.

---

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014>

GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 65th meeting of the Working Group on Molecular Characterisation**  
**Held on 18 – 19 June 2015, TELE/WEB**  
**(Agreed on 16 July 2015)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa Kärenlampi, Fabien Nogué and Jaroslava Ovesná.
- **Hearing Experts<sup>1</sup>:**
  - Jürgen Gropp (for item 5.2)
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Boet Glandorf did not participate in agenda point 5.9 and 5.10. Apologies were received from Howard Davies, Boet Glandorf (only for 19 June), Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg and Patrick du Jardin (only for 19 June).

**2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.



### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interest<sup>3</sup>, EFSA screened the Annual Declarations of Interest and the Specific Declarations of Interest (SDoI) filled in by the working group member invited for the present meeting.

For further details on the outcome of the screening of the ADoI or the SDoI, please refer to Annex I. Oral Declaration of Interest was asked at the beginning of the meeting and no additional interest was declared.

### 4. Agreement of the minutes of the 64<sup>th</sup> Working Group meeting held on 9 June 2015.

The minutes of the 64th Working Group meeting were agreed by written procedure on 10 June 2015<sup>4</sup>.

### 5. Scientific topics for discussion

#### 5.1 EFSA-GMO-BE-2011-98 (FG72 Soybean) ([EFSA-Q-2011-00848](#))

The Working Group discussed the additional information for this application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.2 EFSA-GMO-NL-2010-89 (DAS-40278-9 Maize) ([EFSA-Q-2010-01326](#))

The Working Group discussed the additional information for this application. Further discussion and clarification from the applicant are needed.

#### 5.3 EFSA-GMO-NL-2010-80 (NK603xT25 Maize) ([EFSA-Q-2010-00880](#))

The Working Group discussed the additional information for this application. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### 5.4 EFSA-GMO-NL-2009-75 (Ms8 x Rf3 x GT73 Rapeseed) ([EFSA-Q-2009-00890](#))

The Working Group discussed the additional information for this application. Further discussion is needed.

#### 5.5 EFSA-GMO-NL-2011-91 (DAS-68416-4 Soybean) ([EFSA-Q-2011-00052](#))

The Working Group discussed the additional information for this application. Further discussion is needed.

#### 5.6 EFSA-GMO-NL-2012-106 (DAS-44406-6 Soybean) ([EFSA-Q-2012-00368](#))

The Working Group discussed the additional information for this application. Further discussion and clarification from the applicant are needed.

#### 5.7 EFSA-GMO-NL-2013-114 (MON 88701 Cotton) ([EFSA-Q-2013-00219](#))

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

This application was not discussed due to lack of time.

5.8 EFSA-GMO-NL-2014-123 (4114 Maize)

([EFSA-Q-2014-00850](#))

This application was not discussed due to lack of time.

5.9 SHD-27531-4 Carnation

([EFSA-Q-2015-00126](#))

The Working Group discussed the additional information and the notification. Further discussion and clarification from the notifier are needed.

5.10 FLO-40685-2 Carnation

([EFSA-Q-2015-00122](#))

The Working Group discussed the additional information and the notification. Further discussion and clarification from the notifier are needed.

## **6. Any other business**

None

## **7. Next meeting**

27 -28 August 2015, Parma

## **Annex I**

### **Interests and actions resulting from the screening of Annual Declarations of Interest (ADoI) or Specific Declarations of Interest (SDoI)**

**CONFLICT OF INTEREST:** In the SDoI filled for the present meeting, Ms. Boet Glandorf declared the following interest: Ms Glandorf has personally written the Dutch assessment reports on GM carnations SHD-27531-4 and FLO-40685-2 in the frame of her work at the GMO Office of the Dutch FSO National Institute of Public Health and the Environment. In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest. This results in the impossibility for the expert to be present when those items of the meeting ("SHD-27531-4 Carnation and FLO-40685-2 Carnation") are discussed, voted on or in any way processed by that concerned scientific group.

GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 64th meeting of the Working Group on Molecular Characterisation**  
**Held on 9 June 2015, TELE/WEB**  
**(Agreed on 10 June 2015)**

**Participants**

- **Working Group Experts:**
  - Boet Glandorf and Fabien Nogué
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

No apologies were received.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interests<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Scientific topics for discussion**

##### **4.1 EFSA-GMO-BE-2011-98 (FG72 soybean)**

[\(EFSA-Q-2011-00848\)](#)

The Working Group discussed the application. Further discussion is needed.

##### **4.2 EFSA-GMO-NL-2010-89 (DAS40278-9 Maize)**

[\(EFSA-Q-2010-01326\)](#)

The Working Group discussed the application. Further discussion is needed.

#### **7. Next meeting**

18 – 19 June 2015, WEB/TELE

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 63rd meeting of the Working Group on Molecular Characterisation**  
**Held on 7 - 8 May 2015, Parma**  
**(Agreed on 8 June)**

**Participants**

- **Working Group Experts:**
  - Boet Glandorf, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa Kärenlampi and Fabien Nogué
  - Lieve Herman, Jaroslava Ovesná and Nils Rostoks participated via teleconference.
- **Hearing Experts<sup>1</sup>:**
  - none
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Josep Casacuberta, Howard Davies and Kaare Nielsen.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interests<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 621nd Working Group meeting held on 24 March 2015.**

The minutes of the 62nd Working Group meeting were agreed by written procedure on 2 June 2015<sup>4</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-NL-2012-108 (MON 87708xMON 89788 soybean) ([EFSA-Q-2012-00442](#))**

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.2 EFSA-GMO-BE-2012-110 (87427 maize) ([EFSA-Q-2012-00692](#))**

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.3 EFSA-GMO-NL-2011-100 (MON 87705xMON 89788 soybean) ([EFSA-Q-2011-00954](#))**

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.4 EFSA-GMO-BE-2011-98 (FG72 soybean) ([EFSA-Q-2011-00848](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.5 EFSA-GMO-NL-2010-80 (NK603xT25 maize) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.6 EFSA-GMO-NL-2013-116 (DAS-81419-2 soybean) ([EFSA-Q-2013-00527](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.7 EFSA-GMO-NL-2014-121 (MON87751 soybean) ([EFSA-Q-2014-00719](#))**

The Working Group discussed the application. Further discussion is needed.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

5.8 EFSA-GMO-NL-2014-123 (4114 maize)  
([EFSA-Q-2014-00850](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

## **6. Any other business**

6.1 Tritikova et al., 2015 *PLOS one* (DOI:10.1371/journal.pone.0123011)

The Working Group discussed this paper in the context of protein expression levels in MON810.

6.2 AP91: DAS-68416-4 (AAD-12) Soybean Feeding Study in the Broiler Chicken

Data concerning the detection of the AAD12 protein levels in DAS-68416-4 soybean (Fletcher, 2010) was discussed following a proposal from the FF team.

## **7. Next meeting**

18 – 19 June 2015, WEB/TELE



**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 62<sup>nd</sup> meeting of the sub-Working Group on Molecular Characterisation**  
**VIDEO/WEB/TELE-conference, 24 March 2015, Parma**  
**(Agreed on 2 June 2015)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta
- **Hearing Experts<sup>1</sup>:**
  - Jan Pačes (Institute of Molecular Genetics of the ASCR, v. v. i., EFSA contractor OC/EFSA/GMO/2013/01), Daniel Soeria-Atmadja (REVEAL), Jean-Michel Wal (Food and Feed Safety Working Group of the EFSA GMO Panel)
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Antonio Fernández Dumont, Ana Gomes
- **Others:**
  - none

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interests<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Agreement of the minutes of the 60<sup>th</sup> Working Group meeting held on 19-20 March 2015, Parma.**

The minutes of the 60<sup>th</sup> Working Group meeting were agreed by oral procedure on 28 May 2015<sup>4</sup>.

#### **5. Hearing Experts**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, EFSA invited Jan Pačes, Daniel Soeria-Atmadja, Jean-Michel Wal to submit an ADol. Their participation was limited to providing testimony, without the possibility to take on any role undertaken by members of the Panel, in accordance with the applicable legal framework<sup>7</sup>.

#### **6. Any other business**

Issues relevant to the bioinformatic analyses for similarities of the newly expressed proteins and ORFs to known allergens were discussed.

#### **8. Next meeting**

7 – 8 May 2015, Parma.

---

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>7</sup> Decision of the Executive Director on Declarations of Interest:  
<http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 61<sup>st</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 19 – 20 March 2015, Parma**  
**(Agreed on 28 May 2015)**

**Participants**

- **Working Group Experts:**
  - Boet Glandorf, Patrick du Jardin, Sirpa Kärenlampi, Jaroslava Ovesna
  - Josep Casacuberta, Howard Davies, Huw Jones, Kaare Nielsen, Fabien Nogué and Nils Rostoks participated via teleconference
- **Hearing Experts<sup>1</sup>:**
  - Andy Hart (for item 7.1).
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon
- **Others:**
  - none

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Hilde-Gunn O. Hoen-Sorteberg; Huw Jones (for 19 March) and Lieve Herman (for 19 March).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interests<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

#### **4. Agreement of the minutes of the 60<sup>th</sup> Working Group meeting held on 5 – 6 February 2015, Parma.**

The minutes of the 60<sup>th</sup> Working Group meeting were agreed by oral procedure on 19 March 2015<sup>4</sup>.

#### **5. Hearing Experts**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, EFSA invited Dr Andy Hart to submit an ADol. His participation was limited to providing testimony, without the possibility to take on any role undertaken by members of the Panel, in accordance with the applicable legal framework<sup>7</sup>.

#### **6. Scientific topics for discussion**

##### **6.1 EFSA-GMO-DE-2011-95 (5307 maize)**

([EFSA-Q-2011-00310](#))

The Working Group discussed the application. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **6.2 EFSA-GMO-NL-2010-89 (DAS-40278-9 Maize)**

([EFSA-Q-2010-01326](#))

The Working Group discussed the application. Further clarifications from the applicant and discussion are needed.

##### **6.3 EFSA-GMO-NL-2011-91 (DAS-68416-4 Soybean)**

([EFSA-Q-2011-00052](#))

The Working Group discussed the application. Further clarifications from the applicant and discussion are needed.

##### **6.4 EFSA-GMO-NL-2009-68 (281-24-236x3006-210-23xMON88913 Cotton)**

([EFSA-Q-2009-00491](#))

The Working Group discussed the application. Further clarifications from the applicant and discussion are needed.

##### **6.5 EFSA-GMO-NL-2011-100 (MON 87705xMON89788 Soybean)**

([EFSA-Q-2011-00954](#))

The Working Group discussed the application. Further discussion is needed.

##### **6.6 EFSA-GMO-NL-2014-121 (MON87751 Soybean)**

([EFSA-Q-2014-00719](#))

The Working Group discussed the application. Further clarifications from the applicant and discussion are needed.

---

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>7</sup> Decision of the Executive Director on Declarations of Interest:  
<http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

6.7 EFSA-GMO-BE-2011-98 (FG72 Soybean)  
([EFSA-Q-2011-00848](#))

The Working Group discussed the application. Further discussion is needed.

**7. Any other business**

7.1 Uncertainty analysis

The Working Group discussed uncertainty analysis in the context of the risk assessment of stacked GM events.

**8. Next meeting**

24 March 2015, Parma (sub-Working Group VIDEO/WEB/TELE-conference).

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 60<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 5 – 6 February 2015, Parma**  
**(Agreed on 19 March 2015)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Sirpa Kärenlampi and Fabien Nogué
  - Huw Jones, Kaare Nielsen, Jaroslava Ovesná and Nils Rostoks participated via teleconference.
- **Hearing Experts<sup>1</sup>:**
  - Angel Fuentes and Scott McClain (Syngenta) (for item 6.1)
  - Jan Pačes (Institute of Molecular Genetics of the ASCR, v. v. i., EFSA contractor OC/EFSA/GMO/2013/01) (for item 6.1)
  - Andy Hart (for item 7.1).
- **European Commission and/or Member States representatives:**
  - Maria Mirazchiyska (DG SANTE) (for item 6.1).
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Lieve Herman (only for 6 February).

**2. Adoption of agenda**

The agenda was adopted without changes.

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interests<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

### 4. Agreement of the minutes of the 59<sup>th</sup> Working Group meeting held on 22 January 2015, Parma.

The minutes of the 59<sup>th</sup> Working Group meeting were agreed by oral procedure on 5 February 2015<sup>4</sup>.

### 5. Hearing Experts

Mr Angel Fuentes and Mr Scott McClain were invited to present their views for item 6.1 of the present meeting.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>5</sup> and the Decision of the Executive Director on Declarations of Interest<sup>6</sup>, EFSA invited Mr Angel Fuentes and Mr Scott McClain to submit an ADol. Their participation was limited to providing testimony, without the possibility to take on any role undertaken by members of the Panel, in accordance with the applicable legal framework<sup>7</sup>.

### 6. Scientific topics for discussion

6.1 EFSA-GMO-DE-2011-95 (5307 maize) ([EFSA-Q-2011-00310](#))

The Working Group discussed the application. Further discussion is needed.

6.2 EFSA-GMO-NL-2013-119 (MON88302xMs8xRf3 oilseed rape) ([EFSA-Q-2013-01002](#))

The Working Group discussed the application and the draft opinion. Further discussion is needed.

6.3 EFSA-GMO-NL-2009-75 (Ms8xRf3xGT73 oilseed rape) ([EFSA-Q-2009-00890](#))

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

6.4 EFSA-GMO-BE-2012-110 (87427 maize) ([EFSA-Q-2012-00692](#))

The Working Group discussed the application. Further discussion is needed.

6.5 EFSA-GMO-DE-2010-86 (Bt11xMIR162x1507xGA21 maize) ([EFSA-Q-2010-01087](#))

The Working Group discussed the application. Further discussion is needed.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

<sup>5</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>6</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>7</sup> Decision of the Executive Director on Declarations of Interest:

<http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

6.6 EFSA-GMO-NL-2011-91 (DAS-68416-4 soybean) ([EFSA-Q-2011-00052](#))  
The Working Group discussed the application. Further discussion is needed.

6.7 EFSA-GMO-NL-2010-89 (DAS-40278-9 maize) ([EFSA-Q-2010-01326](#))  
The Working Group did not discuss this application due to lack of time.

6.8 EFSA-GMO-NL-2010-80 (NK603×T25 maize) ([EFSA-Q-2010-00880](#))  
The Working Group did not discuss this application due to lack of time.

## **7. Any other business**

### **7.1 Uncertainty analysis**

The Working Group discussed uncertainty analysis in the context of the risk assessment of stacked GM events.

## **8. Next meeting**

19 – 20 March 2015, Parma.



**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 59<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 22 January 2015, Parma**  
**(Agreed on 5 February 2015)**

**Participants**

- **Working Group Experts:**
  - Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Jaroslava Ovesná and Nils Rostoks
  - Howard V. Davies, Kaare Nielsen and Fabien Nogué participated via teleconference.
- **Hearing Experts<sup>1</sup>:**
  - Andy Hart (for item 6.1).
- **European Commission and/or Member States representatives:**
  - none.
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>2</sup> and the Decision of the Executive Director on Declarations of Interests<sup>3</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in

---

<sup>1</sup> As defined in Article 17 of the Decision of the Executive Director on the selection of external experts:  
<http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>.

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 58<sup>th</sup> Working Group meeting held on 20-21 November 2014, Parma.**

The minutes of the 58<sup>th</sup> Working Group meeting were agreed by written procedure on 29 December 2014<sup>4</sup>.

#### **5. Scientific topics for discussion**

5.1 EFSA-GMO-DE-2011-95 (5307 maize) ([EFSA-Q-2011-00310](#))

The Working Group discussed the application. Further discussion is needed.

5.2 EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.3 EFSA-GMO-NL-2012-106 (DAS-44406-6 soybean) ([EFSA-Q-2012-00368](#))

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

5.4 EFSA-GMO-NL-2013-116 (DAS-81419-2 soybean) ([EFSA-Q-2013-00527](#))

The Working Group discussed the application. Further discussion is needed.

#### **6. Any other business**

6.1 Uncertainty analysis

The Working Group discussed uncertainty analysis in the context of the risk assessment of stacked GM events.

#### **7. Next meeting**

5-6 February 2015, Parma.

---

<sup>4</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

---

GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 58<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 20-21 November, Parma**  
**(Agreed on 29 December 2014)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks
  - Kaare M. Nielsen participated via teleconference.
- **Hearing Experts:**
  - Jan Pačes (Institute of Molecular Genetics of the ASCR, v. v. i., EFSA contractor OC/EFSA/GMO/2013/01).
- **European Commission and/or Member States representatives:**
  - none.
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru, Konstantinos Paraskevopoulos and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

**The Chair welcomed the participants.** Boet Glandorf did not participate in agenda point 5.1 and 5.2. Apologies were received from Boet Glandorf (only for 21 November), Lieve Herman (only for 21 November) and Kaare M. Nielsen (only for 21 November). Jan Pačes was present during the discussion of agenda items 5.1, 5.2, 5.3 and 5.4.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making

Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of Interest (ADoI) and the Specific Declaration of Interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI please refer to Annex I. No further conflicts of interests related to the issues discussed in this meeting have been identified during the Oral Declaration of interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 57<sup>th</sup> Working Group meeting held on 9-10 October 2014, Parma.**

The minutes of the 57<sup>th</sup> Working Group meeting were agreed by written procedure on 6 November 2014<sup>3</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 IFD-26407-2 Carnation ([EFSA-Q-2013-00327](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.2 IFD-25958-3 Carnation ([EFSA-Q-2013-00328](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **5.3 EFSA-GMO-NL-2011-92 (1507 x 59122 x MON 810 x NK603 Maize) ([EFSA-Q-2011-00116](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

##### **5.4 EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **5.5 EFSA-GMO-NL-2013-119 (MON 88302 x Ms8 x Rf3 oilseed rape) ([EFSA-Q-2013-01002](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **5.6 EFSA-GMO-NL-2010-85 (MON 87769 x MON 89788 soybean) ([EFSA-Q-2010-01086](#))**

The Working Group discussed the draft opinion. Further discussion is needed.

##### **5.7 EFSA-GMO-NL-2013-116 (DAS-81419-2 soybean) ([EFSA-Q-2013-00527](#))**

The Working Group discussed the application. Further discussion is needed.

#### **6. Next meeting**

22 January 2015, Parma.

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

<sup>3</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

## Annex I

### Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)<sup>4</sup>

In the SDoI filled for the present meeting, Ms. Boet Glandorf declared the following interest: Ms Glandorf has personally written the Dutch assessment reports on GM carnations IFD-26407-2 and IFD-25859-3 in the frame of her work at the GMO Office of the Dutch FSO National Institute of Public Health and the Environment. In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest. This results in the impossibility for the expert to be present when those items of the meeting ("IFD-26407-2 Carnation and IFD-25859-3 Carnation") are discussed, voted on or in any way processed by that concerned scientific group.

---

<sup>4</sup> The Annual Declarations of Interests have been screened and approved before inviting the experts to the meeting, in accordance with the Decision of the Executive Director implementing the Policy on Independence regarding Declarations of Interests.

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 57<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 9-10 October, Parma**  
**(Agreed on 6 November 2014)**

**Participants**

- **Working Group Experts:**
  - Howard V. Davies, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Jaroslava Ovesná and Nils Rostoks
  - Josep Casacuberta, Lieve Herman, Kaare Nielsen and Fabien Nogué participated via teleconference.
- **Hearing Experts:**
  - none.
- **European Commission and/or Member States representatives:**
  - none.
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Josep Casacuberta (only for 10 October), Boet Glandorf and Lieve Herman (only for 10 October).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director on Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf>

related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

#### **4. Agreement of the minutes of the 56<sup>th</sup> Working Group meeting held on 28-29 August 2014, Riga.**

The minutes of the 56<sup>th</sup> Working Group meeting were agreed by written procedure on 10 September 2014<sup>3</sup>.

#### **5. Scientific topics for discussion**

##### **5.1 EFSA-GMO-DE-2011-95 (5307 maize) ([EFSA-Q-2011-00310](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

##### **5.2 EFSA-GMO-DE-2009-66 (Bt11 x MIR162 x MIR604 x GA21 maize) ([EFSA-Q-2009-00444](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

##### **5.3 EFSA-GMO-NL-2011-92 (1507 x 59122 x MON 810 x NK603 Maize) ([EFSA-Q-2011-00116](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **5.4 EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.5 EFSA- GMO-UK-2007-42 (MON 88913 x MON 15985 cotton) ([EFSA-Q-2007-086](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

##### **5.6 EFSA-GMO-UK-2008-58 (MON 15985 x MON 1445 cotton) ([EFSA-Q-2013-01002](#)) and EFSA-GMO-RX-MON 15985 x MON 1445 ([EFSA-Q-2013-01002](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

##### **5.7 EFSA-GMO-NL-2009-68 (281-24-236 x 3306-210-23 x MON 88913 cotton) ([EFSA-Q-2009-00491](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.8 EFSA-GMO-NL-2013-119 (MON88302 x Ms8 x Rf3 oilseed rape) ([EFSA-Q-2013-01002](#))**

The Working Group discussed the application. Further discussion is needed.

##### **5.9 EFSA- GMO-DE-2011-99 (Bt11 x 59122 x MIR604 x 1507 x GA21 maize) ([EFSA-Q-2011-00894](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

##### **5.10 EFSA-GMO-DE-2010-86 (Bt11 x MIR162 x 1507 x GA21 maize) ([EFSA-Q-2010-01087](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

---

<sup>3</sup> <http://www.efsa.europa.eu/en/gmowgs/documents/gmomcm.pdf>

5.11 EFSA-GMO-NL-2010-85 (MON 87769 x MON 89788 soybean) ([EFSA-Q-2010-01086](#))

The Working Group discussed the application. Further discussion is needed.

5.12 EFSA-GMO-NL-2012-108 (MON 87708 x MON 89788 soybean) ([EFSA-Q-2012-00442](#))

The Working Group discussed the application. Further discussion is needed.

## **6. Next meeting**

20-21 November 2014, Parma.



---

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 56<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 28-29 August 2014, Riga**  
**(Agreed on 10 September 2014)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks.
- **Hearing Experts:**
  - none.
- **European Commission and/or Member States representatives:**
  - none.
- **EFSA:**
  - GMO Unit: Irina Olaru and Matthew Ramon.
- **Others:**
  - none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Kaare M. Nielsen.

Boet Glandorf did not participate in agenda point 5.6 and 5.7

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of Interest (ADoI) and the Specific Declaration of Interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI please refer to Annex I. No

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

further conflicts of interests related to the issues discussed in this meeting have been identified during the Oral Declaration of interest at the beginning of this meeting.

**4. Agreement of the minutes of the 55<sup>th</sup> Working Group meeting held on 08 July 2014, teleconference.** The minutes were agreed by written procedure on 08 August 2014 and published on the EFSA website 12 August 2014.

## **5. Scientific topics for discussion**

### **5.1 EFSA-GMO-DE-2011-95 (5307 maize) ([EFSA-Q-2011-00310](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

### **5.2 EFSA-GMO-DE-2009-66 (Bt11 x MIR162 x MIR604 x GA21 maize) ([EFSA-Q-2009-00444](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

### **5.3 EFSA-GMO-NL-2013-116 (DAS-81419-2 soybean) ([EFSA-Q-2013-00527](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

### **5.4 EFSA-GMO-BE-2011-98 (FG72 soybean) ([EFSA-Q-2011-00848](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **5.5 EFSA- GMO-DE-2011-99 (Bt11 x 59122 x MIR604 x 1507 x GA21 maize) ([EFSA-Q-2011-00894](#))**

The Working Group discussed the application. Further discussion is needed.

### **5.6 Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **5.7 Carnation IFD-25958-3 ([EFSA-Q-2013-00328](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **5.8 EFSA-GMO-NL-2013-119 (MON88302 x Ms8 x Rf3 oilseed rape) ([EFSA-Q-2013-01002](#))**

The Working Group discussed the application. Further discussion is needed.

### **5.9 EFSA-GMO-DE-2010-86 (Bt11 x MIR162 x 1507 x GA21 maize) ([EFSA-Q-2010-01087](#))**

The Working Group discussed the application. Further discussion is needed.

## **6. Next meeting**

09-10 October 2014, Parma.

## Annex I

### Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)<sup>3</sup>

In the SDoI filled for the present meeting, Ms. Boet Glandorf declared the following interest: Ms Glandorf has personally written the Dutch assessment reports on GM carnations IFD-26407-2 and IFD-25859-3 in the frame of her work at the GMO Office of the Dutch FSO National Institute of Public Health and the Environment. In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest. This results in the impossibility for the expert to be present when those items of the meeting ("IFD-26407-2 Carnation and IFD-25859-3 Carnation") are discussed, voted on or in anyway processed by that concerned scientific group.

---

<sup>3</sup> The Annual Declarations of Interests have been screened and approved before inviting the experts to the meeting, in accordance with the Decision of the Executive Director implementing the Policy on Independence regarding Declarations of Interests.

GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 55<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**WEB/TELE-conference, 8 July 2014**  
**(Agreed on 8 August 2014)**

**Participants**

- **Working Group Experts:**
  - Josep M. Casacuberta and Lieve Herman
- **Hearing Experts:**
  - Christoph Tebbe
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Andrea Gennaro, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others :**
  - Tomáš Novotný, Jan Pačes, Václav Pačes (contractor of OC/EFSA/GMO/2013/01)

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Kaare Nielsen.

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during Oral Declaration of interest at the beginning of this meeting.

## **4. Agreement of the minutes of the 54<sup>th</sup> Working Group meeting held on 26-27 June 2014, Parma**

The minutes still have to be agreed by written procedure and published on the EFSA website.

## **5. Scientific topic(s) for discussion**

### **5.1      Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))**

The Working Group discussed the application. Further discussion is needed.

### **5.2      Carnation IFD-25958-3 ([EFSA-Q-2013-00328](#))**

The Working Group discussed the application. Further discussion is needed.

### **5.3      EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application. Further discussion is needed.

## **6. Any Other Business**

## **7. Next meeting**

28-29 August 2014, Riga (Latvia).

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 54<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 26-27 June 2014, Parma**  
**(Agreed on 17 July 2014)**

**Participants**

- **Working Group Experts:**

- Josep M. Casacuberta, Howard V. Davies, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks.
- Boet Glandorf, Lieve Herman and Kaare M. Nielsen have participated via teleconference.

- **Hearing Experts:**

- none.

- **European Commission and/or Member States representatives:**

- none.

- **EFSA:**

- GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon.

- **Others :**

- none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Lieve Herman and Boet Glandorf (for 27 June).

Boet Glandorf did not participate in the discussion of agenda points 5.3, 5.4, 5.6, 5.7, 5.8 and 5.9. Lieve Herman did not participate in the discussion of agenda points 5.6, 5.7, 5.8 and 5.9.

## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during Oral Declaration of interest at the beginning of this meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

**4. Agreement of the minutes of the 53<sup>rd</sup> Working Group meeting held on 15-16 May 2014, Parma.** The minutes were agreed by written procedure on 19 June 2014 and published on the EFSA website 25 June 2014.

## 5. Scientific topic(s) for discussion

### 5.1 EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))

The Working Group discussed the application. Further discussion is needed.

### 5.2 EFSA-GMO-DE-2012-95 (5307 maize) ([EFSA-Q-2011-00310](#))

The Working Group discussed the application. Further discussion is needed.

### 5.3 Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))

The Working Group discussed the application. Further discussion is needed.

### 5.4 Carnation IFD-25958-3 ([EFSA-Q-2013-00328](#))

The Working Group discussed the application. Further discussion is needed.

### 5.5 EFSA-GMO-NL-2011-92 (1507 x 59122 x MON 810 x NK603 maize) ([EFSA-Q-2011-00116](#))

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### 5.6 EFSA-GMO-DE-2009-66 (Bt11 x MIR162 x MIR604 x GA21 maize) ([EFSA-Q-2009-00444](#))

The Working Group discussed the draft opinion. Further discussion is needed.

### 5.7 EFSA-GMO-NL-2010-85 (MON 87769 x MON 89788 soybean) ([EFSA-Q-2010-01086](#))

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

### 5.8 EFSA-GMO-NL-2013-119 (MON 88302 x Ms8 x Rf3 oilseed rape) ([EFSA-Q-2013-01002](#))

The Working Group discussed the application. Further discussion is needed.

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

**5.9 EFSA-GMO-NL-2009-68 (281-24-236 x 3006-210-23 x MON 88913 cotton)  
([EFSA-Q-2009-00491](#))**

The Working Group discussed the draft opinion. Further discussion is needed.

**6. Any Other Business**

**Feedback from the RNAi Workshop on 4-5 June, Brussels**

The Working Group was given a brief feedback on the RNAi workshop in Brussels with specific emphasis on the Molecular Characterisation breakout session.

**The MATRIX project**

The Working Group was given a brief summary about the Matrix Project, an Electronic submission tool for stakeholders.

**7. Next meeting**

8 July 2014 (telemeeting).



## **Annex I**

### **Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)**

In the SDoI filled for the present meeting, Boet Glandorf declared the following interest: Ms Glandorf has personally written the Dutch assessment reports on GM carnations IFD-26407-2 and IFD-25859-3 in the frame of her work at the GMO Office of the Dutch FSO National Institute of Public Health and the Environment.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when those items of the meeting ("IFD-26407-2 Carnation and IFD-25859-3 Carnation") are discussed, voted on or in anyway processed by that concerned scientific group.

GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 53<sup>rd</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 15-16 May 2014, Parma**  
**(Agreed on 19 June 2014)**

**Participants**

- **Working Group Experts:**

- Boet Glandorf, Lieve Herman, Patrick du Jardin and Sirpa O. Kärenlampi
- Josep Casacuberta, Howard V. Davies, Huw Jones, Kaare M. Nielsen, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks have participated via teleconference.

- **Hearing Experts:**

- none.

- **European Commission and/or Member States representatives:**

- none.

- **EFSA:**

- GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon.

- **Others :**

- none.

**1. Welcome and apologies for absence**

The Chair welcomed the participants. Apologies were received from Lieve Herman (for 16 May) and Hilde-Gunn O. Hoen-Sorteberg (15-16 May).

Howard V. Davies did not participate in agenda points 5.4, 5.5, 5.6 and 5.7.

**2. Adoption of agenda**

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

**4. Agreement of the minutes of the 52<sup>nd</sup> Working Group meeting held on 20-21 03 2014, Parma.** The minutes were agreed by written procedure on 02 04 2014 and published on the EFSA website 04 04 2014.

### 5. Scientific topic(s) for discussion

#### **5.1 EFSA-GMO-BE-2011-101 (MON 88302 oilseed rape) ([EFSA-Q-2011-01065](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### **5.2 EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application. Further discussion is needed.

#### **5.3 EFSA-GMO-DE-2009-66 (Bt11 x MIR162 x MIR604 x GA21 maize) ([EFSA-Q-2009-00444](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

#### **5.4 EFSA-GMO-BE-2011-98 (FG72 soybean) ([EFSA-Q-2011-00848](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### **5.5 EFSA-GMO-DE-2012-95 (5307 maize) ([EFSA-Q-2011-00310](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

#### **5.6 EFSA-GMO-NL-2012-108 (MON 87708 x MON 89788 soybean) ([EFSA-Q-2012-00442](#))**

The Working Group discussed the application. Further discussion is needed.

#### **5.7 EFSA-GMO-NL-2009-68 (281-24-236 x 3006-210-23 x MON 88913 cotton) ([EFSA-Q-2009-00491](#))**

The Working Group discussed the application. Further discussion is needed.

### 6. Any Other Business

#### **RNAi Workshop**

The Working Group discussed the Molecular Characterisation breakout session questions.

### 7. Next meeting

26-27 June 2014, Parma.

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 52<sup>nd</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 20-21 March 2014, Parma**  
**(Agreed on 2 April 2014)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Sirpa O. Kärenlampi, Fabien Nogué and Jaroslava Ovesná.
  - Huw Jones, Kaare M. Nielsen and Nils Rostoks have participated via teleconference
- **Hearing Experts:**
  - -
- **European Commission and/or Member States representatives:**
  - -
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others : -**

## **1. Welcome and apologies for absence**

The Chair welcomed the participants.

Lieve Herman did not participate in agenda point 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.11, 6.2

Boet Glandorf did not participate in agenda point 5.6, 5.7

Kaare M. Nielsen did not participate in agenda point 6.1, 6.2

Huw Jones did not participate in agenda point 6.1

Nils Rostoks did not participate in agenda point 6.1

## **2. Adoption of agenda**

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

**4. Agreement of the minutes of the 51<sup>th</sup> Working Group meeting held on 6-7 02 2014, Parma.** The minutes were agreed by written procedure on 03 03 2014 and published on the EFSA website 05 03 2014.

### 5. Scientific topic(s) for discussion

**5.1 EFSA-GMO-NL-2007-47 (305423 x 40-3-2 soybean) ([EFSA-Q-2007-175](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.2 EFSA-GMO-NL-2010-80 (NK603 x T25 maize) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application. Further discussion is needed.

**5.3 EFSA-GMO-UK-2008-57 and EFSA-GMO-RX-MON15985 (MON 15985 cotton) ([EFSA-Q-2008-385](#) and [EFSA-Q-2007-145](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.4 EFSA-GMO-BE-2011-101 (MON 88302 rapeseed) ([EFSA-Q-2011-01065](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.5 EFSA-GMO-NL-2012-109 (73496 oilseed rape) ([EFSA-Q-2012-00617](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.6 Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

**5.7 Carnation IFD-25958-3 ([EFSA-Q-2013-00328](#))**

The Working Group discussed the application and the draft opinion. Further discussion and clarification from the applicant are needed.

**5.8 EFSA-GMO-UK-2005-17 (1507 x NK603 maize) ([EFSA-Q-2005-175](#))**

The working Group did not discuss the application due to lack of time.

**5.9 EFSA-GMO-NL-2012-108 (MON 87708 x MON 89788 soybean) ([EFSA-Q-2012-00442](#))**

The working Group did not discuss the application due to lack of time.

**5.10 EFSA-GMO-NL-2009-68 (281-24-236 x 3006-210-23 x MON 88913 cotton) ([EFSA-Q-2009-00491](#))**

The working Group did not discuss the application due to lack of time.

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

#### **5.11 EFSA-GMO-NL-2013-116 (DAS-81419-2 soybean) ([EFSA-Q-2013-00527](#))**

The Working Group discussed the application. Further discussion and clarification from the applicant are needed.

### **6. Any Other Business**

#### **6.1 Draft MC section of the Renewal Guidance**

The WG discussed the draft section of the Renewal Guidance as proposed by the Renewal Guidance WG.

#### **6.2 Statistical treatment of protein expression data**

The WG further discussed the statistical treatment of protein expression data.

### **7. Next meeting**

**15-16 May 2014, Parma**

## Annex I

### Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)<sup>3</sup>

In the SDoI filled for the present meeting, **BOET GLANDORF** declared the following interest: Ms Glandorf has personally written the Dutch assessment reports on GM carnations IFD-26407-2 and IFD-25958-3 in the frame of her work at the GMO office of the Dutch FSO “National Institute of Public Health and the Environment”.

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when that item of the meeting (“IFD-26407-2 Carnation and IFD-25859-3 Carnation”) is discussed, voted on or in anyway processed by that concerned scientific group.

---

<sup>3</sup> The Annual Declarations of Interests have been screened and approved before inviting the experts to the meeting, in accordance with the Decision of the Executive Director implementing the Policy on Independence regarding Declarations of Interests.



GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 51<sup>st</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 6-7 February 2014, Parma**  
**(Agreed on 3 March 2014)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks.
- **Hearing Experts:** ---
- **European Commission and/or Member States representatives:** ---
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Hilde-Gunn O. Hoen-Sorteberg.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

4. **Agreement of the minutes of the 49<sup>th</sup> Working Group meeting held on 21-22 November 2013, Prague and of the 50<sup>th</sup> Working Group meeting held on 16 December 2013 by video/web/tele-conference.** The minutes were agreed by written procedure on 23 December 2013 and 3 January 2014, respectively, and published on the EFSA website on 9 January 2014.

#### 5. Scientific topics for discussion

**5.1 EC request to complement EFSA's Scientific Opinion on application EFSA-GMO-2007-41 ([EFSA-Q-2013-00881](#))**

The Working Group discussed the mandate and the draft opinion. The draft opinion will proceed to finalisation.

**5.2 EFSA-GMO-DE-2009-66 (maize Bt11 x MIR604 x MIR162 x GA21) ([EFSA-Q-2009-00444](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.3 EFSA-GMO-NL-2010-77 (cotton GHB614 x LLcotton25) ([EFSA-Q-2010-00106](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.4 Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.5 Carnation IFD-25859-3 ([EFSA-Q-2013-00328](#))**

The Working Group discussed the application. Further discussion is needed.

**5.6 EFSA-GMO-BE-2011-101 (oilseed rape MON 88302) ([EFSA-Q-2011-01065](#))**

The Working Group discussed the application. Further discussion is needed.

**5.7 EFSA-GMO-NL-2013-114 (cotton MON 88701) ([EFSA-Q-2013-00219](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.8 EFSA-GMO-NL-2012-106 (soybean DAS-44406-6) ([EFSA-Q-2012-00368](#))**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**5.9 EFSA-GMO-NL-2007-47 (soybean 305423 x 40-3-2) ([EFSA-Q-2007-175](#))**

The Working Group did not discuss the application due to lack of time.

#### 6. Any Other Business

The WG discussed statistical treatment of protein expression data and feedback on previous discussions on issues relevant to the upcoming EFSA RNAi workshop (4-5 June 2014)

#### 7. Next meeting

20-21 March 2014, Parma.

## Annex I

### **Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)**

In the SDoI filled for the present meeting, Boet Glandorf declared the following interest: Ms Glandorf in the frame of her work at the GMO Office of the Dutch FSO “National Institute of Public Health and the Environment”, has personally written the Dutch assessment reports on GM carnations IFD-26407-2 and IFD-25859-3.

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when those items of the meeting (“IFD-26407-2 Carnation and IFD-25859-3 Carnation”) are discussed, voted on or in anyway processed by that concerned scientific group.

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 50<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**VIDEO/WEB/TELE-conference, 16 December 2013**  
**(Agreed on 3 January 2014)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks
- **Hearing Experts:** ---
- **European Commission and/or Member States representatives:** ---
- **EFSA:**
  - GMO Unit: Ana Gomes, Irina Olaru and Matthew Ramon
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Patrick du Jardin, Boet Glandorf and Hilde-Gunn Hoen-Sorteberg.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest filled in by the experts invited for the present meeting. Given the agenda's content, no Specific Declaration of interest were filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

**4. Agreement of the minutes of the 49<sup>th</sup> Working Group meeting held on 21-22 November, Prague.** The minutes still have to be agreed by written procedure and published on the EFSA website.

## **5. Any Other Business**

Issues relevant to the upcoming EFSA RNAi workshop (4-5 June 2014) were discussed.

## **6. Next meeting**

6-7 February 2014, Parma, Italy.

---

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

GMO UNIT

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 49<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 21-22 November 2013, Prague**  
**(Agreed on 23 December 2013)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn O. Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Fabien Nogué, Jaroslava Ovesná and Nils Rostoks
- **Hearing Experts:** ---
- **European Commission and/or Member States representatives:** ---
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes (via teleconference) and Matthew Ramon
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Kaare M. Nielsen.

**2. Adoption of agenda**

The agenda was adopted with one administrative change: rapporteurs were appointed for a new application.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

**4. Agreement of the minutes of the 48<sup>th</sup> Working Group meeting held on 10 October 2013, Parma.** The minutes were agreed by written procedure on 22 October 2013 and published on the EFSA website on 29 October 2013.

### 5. Scientific topics for discussion

#### **5.1 EFSA-GMO-NL-2012-106 (soybean DAS-44406-6) ([EFSA-Q-2012-00368](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### **5.2 EFSA-GMO-UK-2008-57 and EFSA-GMO-RX-MON15985 (cotton MON 15985) ([EFSA-Q-2005-175](#) and [EFSA-Q-2007-145](#))**

The Working Group discussed the application. Further discussion is needed.

#### **5.3 Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))**

The Working Group discussed the application and the draft opinion. Further clarifications from the applicant and discussion are needed.

#### **5.4 Carnation IFD-25859-3 ([EFSA-Q-2013-00328](#))**

The Working Group discussed the application and the draft opinion. Further clarifications from the applicant and discussion are needed.

#### **5.5 EFSA-GMO-NL-2013-114 (cotton MON 88701) ([EFSA-Q-2013-00219](#))**

The Working Group discussed the application and the draft opinion. Further clarifications from the applicant and discussion are needed.

#### **5.6 EFSA-GMO-UK-2005-17 (maize 1507 x NK603) ([EFSA-Q-2005-175](#))**

The Working Group did not discuss the application due to lack of time.

#### **5.7 EFSA-GMO-NL-2010-80 (maize NK603 x T25) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application and the draft opinion. Further clarifications from the applicant and discussion are needed.

#### **5.8 EFSA-GMO-NL-2012-108 (soybean MON 87708 x MON 89788) ([EFSA-Q-2012-00442](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### 6. Any Other Business

### 7. Next meeting

16 December 2013, web/teleconference.

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



## Annex I

### **Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)**

In the SDoI filled for the present meeting, Boet Glandorf declared the following interest: Ms Glandorf in the frame of her work at the GMO Office of the Dutch FSO “National Institute of Public Health and the Environment”, has personally written the Dutch assessment reports on GM carnations IFD-26407-2 and IFD-25859-3.

In accordance with EFSA’s Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when those items of the meeting (“IFD-26407-2 Carnation and IFD-25859-3 Carnation”) are discussed, voted on or in anyway processed by that concerned scientific group.

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 48<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 10 October 2013, Parma**  
**(Agreed on 22 October 2013)**

**Participants**

- **Working Group Experts:**
  - Boet Glandorf, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi and Jaroslava Ovesna
  - Josep Casacuberta, Howard V. Davies, Huw Jones, Fabien Nogué and Nils Rostoks participated via teleconference
- **Hearing Experts:** ---
- **European Commission and/or Member States representatives:** ---
- **EFSA:**
  - GMO Unit: Jaime Aguilera, Zoltán Divéki, Ana Gomes and Irina Olaru
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Hilde-Gunn Opsahl Hoen-Sorteberg and Kaare M. Nielsen.

**2. Adoption of agenda**

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

**4. Agreement of the minutes of the 47<sup>th</sup> Working Group meeting held on 29-30 August 2013, Parma.** The minutes were agreed by written procedure on 20 September 2013 and published on the EFSA website on 23 September 2013.

### 5. Scientific topics for discussion

**5.1 EFSA-GMO-NL-2009-75 (oilseed rape Ms8 x Rf3 x GT73) ([EFSA-Q-2009-00890](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.2 EFSA-GMO-DE-2009-66 (maize Bt11 x MIR604 x MIR162 x GA21) ([EFSA-Q-2009-00444](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.3 EFSA-GMO-UK-2005-17 (maize 1507 x NK603) ([EFSA-Q-2005-175](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.4 EFSA-GMO-NL-2010-80 (maize NK603 x T25) ([EFSA-Q-2010-00880](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.5 EFSA-GMO-NL-2012-108 (soybean MON 87708 x MON 89788) ([EFSA-Q-2012-00442](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### 6. Any Other Business

### 7. Next meeting

21-22 November 2013, Prague, the Czech Republic.

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 47<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 29-30 August 2013, Parma**  
**(Agreed on 20 September 2013)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn Opsahl Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué, Jaroslava Ovesna and Nils Rostoks
- **Hearing Experts:** ---
- **European Commission and/or Member States representatives:** ---
- **EFSA:**
  - GMO Unit: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Lieve Herman (only for 30 August 2013).

Kaare M. Nielsen did not participate in the discussion of agenda point 5.6 (see Declarations of Interest).

Lieve Herman did not participate in the discussion of agenda points 5.3, 5.5 and 5.8.

**2. Adoption of agenda**

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

**4. Agreement of the minutes of the 46<sup>th</sup> Working Group meeting held on 27-28 June 2013, Parma.** The minutes were agreed by written procedure on 11 July 2013 and published on the EFSA website on 15 July 2013.

### 5. Scientific topic(s) for discussion

**5.1 EFSA-GMO-NL-2011-100 (soybean MON 87705 x MON 89788) ([EFSA-Q-2011-00954](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.2 EFSA-GMO-BE-2012-110 (maize MON 87427) ([EFSA-Q-2012-00692](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.3 EFSA-GMO-DE-2008-63 (sugarbeet H7-1) ([EFSA-Q-2008-782](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.4 EFSA-GMO-NL-2013-114 (cotton MON 88701) ([EFSA-Q-2013-00219](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.5 EFSA-GMO-NL-2009-68 (cotton 281-24-236 x 3006-210-23 x MON 88913) ([EFSA-Q-2009-00491](#))**

The Working Group discussed the application and the draft opinion. Further clarifications from the applicant and discussion are needed.

**5.6 Mandate for the assessment of the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria ([EFSA-Q-2013-00310](#))**

The Working Group discussed the draft opinion. The opinion will proceed to finalisation.

**5.7 EFSA-GMO-UK-2005-17 (maize 1507 x NK603) ([EFSA-Q-2005-175](#))**

The Working Group did not discuss the application due to lack of time.

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

## 5.8 EFSA-GMO-DE-2012-111 (soybean SYHT0H2) ([EFSA-Q-2012-00753](#))

The Working Group discussed the application and the draft opinion. Further discussion is needed.

## 6. Any Other Business

PMEM reports MON 810 and Amflora potato, Luxembourg emergency measure MON 810

New document management system in EFSA

## 7. Next meeting

10 October 2013, Parma

## Annex I

### Interests and actions resulting from the screening of Specific Declaration of Interests (SDol)<sup>3</sup>

In the SDol filled for the present meeting, **PROF. KAARE MAGNE NIELSEN** declared the following interest: Prof. Nielsen has been involved in the research activities cited specifically in the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when that item of the meeting (*"Mandate for the assessment of the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria"*) is discussed, voted on or in anyway processed by that concerned scientific group.

---

<sup>3</sup> The Annual Declarations of Interests have been screened and approved before inviting the experts to the meeting, in accordance with the Decision of the Executive Director implementing the Policy on Independence regarding Declarations of Interests.

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 46<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 27-28 June 2013, Parma**  
**(Agreed on 11 July 2013)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn Opsahl Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué, Jaroslava Ovesna and Nils Rostoks
- **Hearing Experts:** ---
- **European Commission and/or Member States representatives:** ---
- **EFSA:**
  - GMO Unit: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Lieve Herman (only for 28 June 2013).

Kaare M. Nielsen did not participate in agenda point 5.5 (see Declarations of Interest).

Boet Glandorf did not participate in agenda points 5.6/5.7 (see Declarations of Interest).

Lieve Herman did not participate in agenda points 5.6/5.7/5.8/5.9

**2. Adoption of agenda**

The agenda was adopted without changes.

### 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencypolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



- 4. Agreement of the minutes of the 45<sup>th</sup> Working Group meeting held on 16-17 May 2013, Parma.** The minutes were agreed by written procedure on 25 June 2013 and published on the EFSA website on 27 June 2013.

**5. Scientific topic(s) for discussion**

**5.1 EFSA-GMO-UK-2009-76 (soybean MON 87769) ([EFSA-Q-2009-00836](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.2 EFSA-GMO-NL-2010-77 (cotton GHB614 x LLcotton25) ([EFSA-Q-2010-00106](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.3 EFSA-GMO-NL-2011-96 (cotton GHB119) ([EFSA-Q-2011-00311](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.4 EFSA-GMO-NL-2012-106 (soybean DAS-44406-6) ([EFSA-Q-2012-00368](#))**

The Working Group discussed the application and the draft opinion. Further clarifications from the applicant and discussion are needed.

**5.5 Mandate for the assessment of the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria ([EFSA-Q-2013-00310](#))**

The Working Group discussed the draft opinion. Further discussion is needed.

**5.6 Carnation IFD-26407-2 ([EFSA-Q-2013-00327](#))**

The Working Group discussed the notification and the draft opinion. Further clarifications from the applicant and discussion are needed.

**5.7 Carnation IFD-25859-3 ([EFSA-Q-2013-00328](#))**

The Working Group discussed the notification and the draft opinion. Further clarifications from the applicant and discussion are needed.

**5.8 EFSA-GMO-DE-2012-111 (soybean SYHT0H2) ([EFSA-Q-2012-00753](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**5.9 EFSA-GMO-BE-2011-101 (oilseed rape MON 88302) ([EFSA-Q-2011-01065](#))**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**6. Any Other Business**

Differences between EFSA GMO FF guidance document and the EC draft implementing regulation.

Possible next activities in the field of small RNAs

**7. Next meeting**

29-30 August 2013, Parma

## Annex I

### Interests and actions resulting from the screening of Specific Declaration of Interests (SDol)<sup>3</sup>

In the SDol filled for the present meeting, **PROF. KAARE MAGNE NIELSEN** declared the following interest: Prof. Nielsen has been involved in the research activities cited specifically in the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when that item of the meeting (*"Mandate for the assessment of the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria"*) is discussed, voted on or in anyway processed by that concerned scientific group.

In the SDol filled for the present meeting, **DR. BOET GLANDORF** declared the following interest: Dr. Glandorf has been involved with handling the dossier, summarizing the dossier for the Dutch advisory Committee and writing the Dutch assessment report, which was approved by the Ministry, of the notifications for Carnation IFD-26407-2 and Carnation IFD-25859-3.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when those items of the meeting (*"Carnation IFD-26407-2"* and *"Carnation IFD-25859-3"*) are discussed, voted on or in anyway processed by that concerned scientific group.

---

<sup>3</sup> The Annual Declarations of Interests have been screened and approved before inviting the experts to the meeting, in accordance with the Decision of the Executive Director implementing the Policy on Independence regarding Declarations of Interests.

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 45<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 16-17 May 2013, Parma**  
**(Agreed on 25 June 2013)**

**Participants**

- **Working Group Experts:**
  - Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn Opsahl Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi and Jaroslava Ovesna
  - Fabien Nogué, Kaare M. Nielsen and Nils Rostoks have participated via teleconference
- **Hearing Experts:**
  - Gunter Meister, John Threlfall
- **European Commission and/or Member States representatives:**
  - none
- **EFSA:**
  - GMO Unit: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others: ---**

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Lieve Herman (only for 17 May 2013).

Kaare M. Nielsen did not participate in agenda point 5.2 (see Declarations of Interest).

Lieve Herman did not participate in agenda points 5.7/5.8/5.9

## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of interest

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>1</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>2</sup>, EFSA screened the Annual Declaration of interest (ADoI) and the Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the SDoI, please refer to Annex I.

## 4. Agreement of the minutes of the 44<sup>th</sup> Working Group meeting held on 21-22 March 2013, Parma. The minutes were agreed by written procedure on 15 April 2013 and published on the EFSA website on 16 April 2013.

## 5. Scientific topic(s) for discussion

### 5.1 EFSA-GMO-UK-2008-57 (cotton MON 15985)

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### 5.2 Mandate for the assessment of the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria ([EFSA-Q-2013-00310](#))

The Working Group discussed the new scientific elements and the draft opinion. Further discussions is needed.

### 5.3 EFSA-GMO-NL-2011-97 (cotton T304-40) ([EFSA-Q-2011-00312](#))

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### 5.4 EFSA-GMO-NL-2007-45 (soybean 305423) ([EFSA-Q-2007-122](#))

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### 5.5 EFSA-GMO-NL-2011-96 (cotton GHB119) ([EFSA-Q-2011-00311](#))

The Working Group did not discuss the application due to lack of time.

### 5.6 EFSA-GMO-NL-2009-64 (soybean BPS-CV127-9) ([EFSA-Q-2009-00360](#))

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### 5.7 EFSA-GMO-NL-2012-109 (oilseed rape 73496) ([EFSA-Q-2012-00617](#))

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### 5.8 EFSA-GMO-BE-2012-110 (maize MON 87427) ([EFSA-Q-2012-00692](#))

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### 5.9 EFSA-GMO-DE-2012-111 (soybean SYHT0H2) ([EFSA-Q-2012-00753](#))

The Working Group did not discuss the application due to lack of time.

---

<sup>1</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>2</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

**5.10 EFSA-GMO-NL-2009-75 (oilseed rape Ms8 x Rf3 x GT73) ([EFSA-Q-2009-00890](#))**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

**5.11 EFSA-GMO-BE-2011-101 (oilseed rape MON 88303) ([EFSA-Q-2011-01065](#))**

The Working Group did not discuss the application due to lack of time.

**6. Any Other Business**

Presentation of RNA interference mechanisms by Prof. Gunter Meister including a discussion session.

**7. Next meeting**

27-28 June 2013, Parma

## Annex I

### Interests and actions resulting from the screening of Specific Declaration of Interests (SDoI)<sup>3</sup>

In the SDoI filled for the present meeting, **PROF. KAARE MAGNE NIELSEN** declared the following interest: Prof. Nielsen has been involved in the research activities cited specifically in the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria.

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when that item of the meeting (*"Mandate for the assessment of the new scientific elements supporting the prolongation of prohibition of the placing on the market of maize MON 863 for food and feed purposes in Austria"*) is discussed, voted on or in anyway processed by that concerned scientific group.

---

<sup>3</sup> The Annual Declarations of Interests have been screened and approved before inviting the experts to the meeting, in accordance with the Decision of the Executive Director implementing the Policy on Independence regarding Declarations of Interests.

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 44<sup>th</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 21-22 March 2013, Parma**  
**(Agreed on 15 April 2013)<sup>1</sup>**

**Participants**

- **Working Group Experts<sup>2</sup>:**
  - Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn Opsahl Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Fabien Nogué, Sirpa O. Kärenlampi, Jaroslava Ovesna and Nils Rostoks
  - Kaare M. Nielsen has participated via teleconference
- **Hearing Experts:**
  - ---
- **European Commission and/or Member States representatives:**
  - ---
- **EFSA:**
  - GMO Unit: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others:** ---

---

<sup>1</sup> The publication of the minutes shall be made without delay in compliance with the Founding Regulation and no later than 15 working days following the day of their agreement.

<sup>2</sup> Indicate first full name and then surname(John Smith) all throughout the document

## **1. Welcome and apologies for absence**

The Chair welcomed the participants.

Apologies were received from Josep M. Casacuberta.

Patrick du Jardin did not participate in agenda point 5.6/5.7/5.8

Lieve Herman did not participate in agenda point 5.6/5.7/5.8

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>4</sup>, EFSA screened the Annual Declaration of Interest and the Specific Declaration of interest filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process.

For further details on the outcome of the Oral Declaration of Interests made at the beginning of the meeting, please refer to the Annex I.

---

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>



**4. Agreement of the minutes of the 43<sup>rd</sup> Working Group meeting held on 07-08 February 2013, Parma.** The minutes were agreed by written procedure on 06 March 2013 and published on the EFSA website 06 March 2013.

**5. Scientific topic(s) for discussion**

**5.1 EFSA-GMO-DE-2008-63 (H7-1 sugarbeet)([EFSA-Q-2008-782](#))**

The Working Group discussed the applications. Further clarifications from the applicants and discussions are needed.

**5.2 EFSA-GMO-NL-2007-45 (305423 soybean)([EFSA-Q-2007-122](#))**

The Working Group discussed the applications. Further clarifications from the applicants and discussions are needed.

**5.3 EFSA-GMO-NL-2011-93 (MON87708 soybean)([EFSA-Q-2011-00122](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.4 EFSA-GMO-NL-2011-100 (MON 87705 x MON89788 soybean)([EFSA-Q-2011-00954](#))**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

**5.5 EFSA-GMO-BE-2011-101 (MON88302 rapeseed)([EFSA-Q-2011-01065](#))**

The Working Group discussed the application. Further discussion is needed.

**5.6 EFSA-GMO-DE-2012-111 (SYHTOH2 soybean)([EFSA-Q-2012-00753](#))**

The Working Group discussed the application. Further discussion is needed.

**5.7 EFSA-GMO-NL-2009-75 (Ms8 x Rf3 x GT73 rapeseed) ([EFSA-Q-2009-00890](#))**

The Working Group discussed the application. Further discussion is needed.

**5.8 EFSA-GMO-BE-2011-90 (MON89034 maize)([EFSA-Q-2011-00014](#))**

The Working Group discussed the application. Further discussion is needed.

**5.9 EFSA-GMO-UK-2005-17 (1507 x NK603 maize)([EFSA-Q-2005-175](#))**

The Working Group discussed the application. Further discussion is needed.

**6. Any Other Business**

---

**7. Next meeting**

16-17 May 2013, Parma

## Annex I

### **Interests and actions resulting from the oral declarations of interests done at the beginning of the meeting**

With regard to this meeting PROF. PATRICK DU JARDIN declared the following interest: participation in the initial ERA of maize MON89034 for the Belgian Biosafety Advisory Council (SBB/BAC) in his private capacity. In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest.

This results in the impossibility for the expert to be present when that item (EFSA-GMO-BE-2011-90) is discussed, voted on or in anyway processed by that concerned scientific group.

---

**GMO UNIT**

**Scientific Panel on Genetically Modified Organisms**  
**Minutes of the 43<sup>rd</sup> meeting of the Working Group on Molecular Characterisation**  
**Held on 7-8 February 2013, Parma**  
**(Agreed on 6 March 2013)<sup>1</sup>**

**Participants**

- **Working Group Experts<sup>2</sup>:**
  - Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Hilde-Gunn Opsahl Hoen-Sorteberg, Patrick du Jardin, Huw Jones, Fabien Nogué, Sirpa O. Kärenlampi,
  - Kaare M. Nielsen, Jaroslava Ovesna and Nils Rostoks have participated via teleconference
- **Hearing Experts:**
  - ---
- **European Commission and/or Member States representatives:**
  - ---
- **EFSA:**
  - GMO Unit: Zoltán Divéki, Ana Gomes, Irina Olaru and Matthew Ramon
- **Others:** ---

**1. Welcome and apologies for absence**

The Chair welcomed the participants.

No apologies.

---

<sup>1</sup> The publication of the minutes shall be made without delay in compliance with the Founding Regulation and no later than 15 working days following the day of their agreement.

<sup>2</sup> Indicate first full name and them surname(John Smith) all throughout the document

## **2. Adoption of agenda**

The agenda was adopted without changes.

## **3. Declarations of interest**

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes<sup>3</sup> and the Decision of the Executive Director implementing this Policy regarding Declarations of Interests<sup>4</sup>, EFSA screened the Annual Declaration of interest and the Specific Declaration of interest) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of interest at the beginning of this meeting.

---

<sup>3</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencepolicy.pdf>

<sup>4</sup> <http://www.efsa.europa.eu/en/keydocs/docs/independencerules.pdf>

- 4. Agreement of the minutes of the 42<sup>nd</sup> Working Group meeting held on 22 November 2012, Parma.** The minutes were agreed by written procedure on 10 December 2012 and published on the EFSA website 13 December 2012.

**5. Scientific topic(s) for discussion**

**5.1 EFSA-GMO-NL-2007-45 (soybean 305423), EFSA-GMO-NL-2009-64 (soybean BPS-CV127-9), EFSA-GMO-NL-2011-93 (soybean MON 87708), EFSA-GMO-NL-2011-96 (cotton GHB119) ([EFSA-Q-2007-122](#), [EFSA-Q-2009-00360](#), [EFSA-Q-2011-00122](#), [EFSA-Q-2011-00311](#))**

The Working Group discussed the applications. Further clarifications from the applicants and discussions are needed.

**5.2 EFSA-GMO-UK-2006-34 (maize 3272) ([EFSA-Q-2006-026](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.3 EFSA-GMO-NL-2007-46 (maize T25) ([EFSA-Q-2007-134](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.4 EFSA-GMO-NL-2011-92 (maize 1507 x 59122 x MON 810 x NK603) ([EFSA-Q-2011-00116](#))**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**5.5 EFSA-GMO-BE-2011-101 (rapeseed MON 88302) ([EFSA-Q-2011-01065](#))**

This item of the agenda was not discussed due to lack of time.

**5.6 EFSA-GMO-NL-2011-100 (soybean MON 87705 x MON 89788) ([EFSA-Q-2011-00954](#))**

This item of the agenda was not discussed due to lack of time.

**5.7 EFSA-GMO-NL-2012-109 (oilseed rape 73496) ([EFSA-Q-2012-00617](#))**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

**5.8 EFSA-GMO-BE-2012-110 (maize MON 87427) ([EFSA-Q-2012-00692](#))**

The Working Group discussed the application. Further discussion is needed.

**5.9 EFSA-GMO-DE-2012-111 (soybean SYHT0H2) ([EFSA-Q-2012-00753](#))**

This item of the agenda was not discussed due to lack of time.

**6. Any Other Business**

**6.1 Article by Chen et al. (2012; Environ. Sci. Technol. 46:13448-54) was discussed**

**7. Next meeting**

21-22 March 2013, Parma

Parma, 23 November 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 42<sup>nd</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 22 November 2012**

**Agreed by the WG on 10 December 2012**

**Participants**

WG Experts: Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Kaare M. Nielsen, Fabien Nogué, Sirpa O. Kärenlampi, Jaroslava Ovesna, Nils Rostoks.

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes and Irina Olaru

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Huw Jones and Hilde-Gunn Hoen-Sorteberg Opsahl.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **2012 update of GMO Panel SO on maize MON 810**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Safeguard clause by Hungary on Amflora potato**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2007-46 (maize T25)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-BE-2011-101 (rapeseed MON 88302)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-UK-2006-34 (maize 3272)**

This item of the agenda was not discussed due to lack of time.

### **EFSA-GMO-NL-2011-100 (soybean MON 87705 x MON 89788)**

This item of the agenda was not discussed due to lack of time.

---

Parma, 18 October 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 41<sup>st</sup> meeting of the Working Group on Molecular Characterisation  
Versailles, 4-5 October 2012**

**Agreed by the WG on 25 October 2012**

**Participants**

WG Experts:	Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Huw Jones, Kaare M. Nielsen, Fabien Nogué, Sirpa O. Kärenlampi, Jaroslava Ovesna, Nils Rostoks.
Hearing Experts:	---
Observers:	---
EFSA:	Zoltán Divéki and Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Kaare M. Nielsen.

**2. Adoption of agenda**

The agenda was adopted with one change: application EFSA-GMO-NL-2011-92 was not discussed.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.



## Discussions

### **EFSA-GMO-NL-2010-87 (oilseed rape GT73 for food use)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-DE-2010-86 (maize Bt11 x MIR162 x 1507 x GA21)**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-DE-2011-99 (maize Bt11 x 59122 x MIR604 x 1507 x GA21)**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **2012 update of GMO Panel scientific opinion on maize Bt11**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **2012 update of GMO Panel scientific opinion on maize MON 810**

The Working Group discussed the draft opinion. Further discussion is needed.

### **EFSA-GMO-DE-2009-66 (maize Bt11 x GA21 x MIR162 x MIR604)**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-DE-2009-67 (maize Bt11 x GA21 x MIR162)**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2012-107 (maize MON 810 pollen)**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

Parma, 17 September 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 40<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 23-24 August 2012**

**Agreed by the WG on 17 September 2012**

**Participants**

WG Experts: Hans-Jörg Buhk, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Huw Jones, Kaare M. Nielsen, Fabien Nogué, Sirpa O. Kärenlampi, Jaroslava Ovesna, Nils Rostoks.

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Josep Casacuberta and Kaare M. Nielsen (only 23 August AM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-DE-2010-86 (Bt11 x MIR162 x 1507 x GA21 maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-DE-2011-99 (Bt11 x 59122 x MIR604 x 1507 x GA21 maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-DE-2009-66 (Bt11 x GA21 x MIR162 x MIR604 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA-GMO-DE-2009-67 (Bt11 x GA21 x MIR162 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **2012 EFSA statement on maize 1507**

The Working Group discussed the draft statement. The Molecular Characterisation section of the statement will proceed to finalisation.

### **Safeguard clause by Luxembourg on Amflora potato**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Safeguard clause by Hungary on Amflora potato**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **PMEM report for the cultivation of potato EH92-527-1 (Amflora) in 2011**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2011-92 (1507 x 59122 x MON 810 x NK603 maize)**

The Working Group discussed the application. Further clarifications from the applicant and discussion are needed.

### **EFSA-GMO-NL-70 (MON 87460 maize)**

The Working Group discussed the draft opinion. Further discussion is needed.

### **EFSA-GMO-BE-2011-101 (MON 88302 Rapeseed)**

The Working Group discussed the application. Further discussion is needed.

---

Parma, 25 June 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 39<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 21 June 2012**

**Agreed by the WG on 10 July 2012**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen.

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Howard V. Davies, Boet Glandorf, Kaare M. Nielsen (only AM) and Fabien Nogué.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-NL-2009-70 (MON 87460 maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-NL-2010-87 (GT73 oilseed rape)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA-GMO- BE-2011-98 (FG72 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2011-92 (1507 x 59122 x MON 810 x NK603 Maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-DE-2009-66 (Bt11 x GA21 x MIR162 x MIR604 maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-DE-2009-67 (Bt11 x GA21 x MIR162 maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA-GMO-NL-2012-107 (MON 810 pollen)**

The Working Group discussed the application. Further discussion is needed.

---

Parma, 2 May 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 38<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 26 April 2012**

**Agreed by the WG on 10 May 2012**

**Participants**

WG Experts: Hans-Jörg Buhk, Howard V. Davies, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen , Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Josep Casacuberta.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-BE-2010-81 (MS8, RF3 & MS8 x RF3 oilseed rape)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2011-91 (DAS-68416-4 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2007-46 (T25 Maize cultivation)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA-GMO-BE-2011-101 (MON 88302 oilseed rape)**

The Working Group discussed the application. Further discussion is needed.

---

Parma, 16 April 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 37<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 22 March 2012**

**Agreed by the WG on 12 April 2012**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Josep Casacuberta (only AM) and Kaare M. Nielsen (only AM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. In his specific declaration of interest (SDoI), the expert Huw Jones declared an interest for item 14, Mandate on new techniques: preview on ZFN (Question Q-2012-00241). For further details regarding the assessment of declared interests, please refer to Annex 1 of these minutes.



## Discussions

### **EFSA-GMO-DE-2010-82 (MIR162 Maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2007-46 (T25 Maize cultivation)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA-GMO-NL-2005-24 (40-3-2 Soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2011-92 (1507 x 59122 x MON 810 x NK603 Maize)**

The Working Group discussed the application and draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA-GMO-NL-2005-23 (59122 Maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA-GMO-NL-2011-96 (GHB119 cotton)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Mandate on new techniques: preview on ZFN (Question Q-2012-00283)**

The work plan to address ZFN was presented to the Working Group.

### **miRNA (Question Q-2012-00283)**

The correspondence received from Monsanto was brought to the attention of the Working Group.

---

## **Annex 1**

### **Interests and actions resulting from declared interests**

#### Regarding interests declared by Huw Jones

In his specific declaration of interest (SDoI), the expert declared an interest under item 14 (Mandate on new techniques: preview on ZFN, Question Q-2012-00241). The interest arises from the signature by the expert's institution of a research agreement with Dow AgroSciences (DAS) to conduct research using proprietary EXZACT Precision Technology which is owned by Sangamo / DAS. This is considered a conflict of interest, resulting in a conflict level C for the agenda item 14.

---

Parma, 21 February 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 36<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 16 February 2012**

**Agreed by the WG on 6 March 2012**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Josep Casacuberta (only AM), Boet Glandorf and Kaare M. Nielsen (only AM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/NL/2005/23 (59122 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA-GMO-UK-2005-09 and EFSA-GMO-RX-MON531xMON1445 (MON531 x MON1445 cotton)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2011/96 (GHB119 cotton)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2011/97 (T304-40 cotton)**

The Working Group discussed the application and draft opinion. Further discussion is needed.

### **EFSA/GMO/BE/2011/98 (FG72 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **miRNA (Q-2012-00283)**

The Working Group discussed the paper.

---

Parma, 27 January 2012

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 35<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 12-13 January 2012**

**Agreed by the WG on 3 February 2012**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Ana Gomes, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from H. Davies (only on 13 January) and J. Casacuberta (only on 13 January).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA/GMO/BE/2011/98 (FG72 soybean)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2010/87 (GT73 rapeseed)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2011/97 (T304-40 cotton)**

The Working Group discussed the application and draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2011/96 (GHB119 cotton)**

The Working Group discussed the application and draft opinion. Further discussion is needed.

### **Cisgenesis (Q-2011-00152 new techniques mandate)**

The Working Group discussed the draft opinion.

---

Parma, 2 December 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 34<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 17-18 November 2011**

**Agreed by the WG on 7 December 2011**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Irina Olaru, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Lieve Herman (only on 18 November), Patrick du Jardin (only on 18 November), Huw Jones (only on 17 November PM) and Kaare M. Nielsen (only on 17 November AM and 18 November).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-RX-MON15985 and EFSA/GMO/UK/2008/57 (15985 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/DE/2011/95 (5307 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2010/89 (DAS-40278-9 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Cisgenesis (Q-2011-00152 new techniques mandate, question 1)**

The Working Group discussed the draft opinion.

### **EFSA/GMO/BE/2010/81 (MS8, RF3 & MS8xRF3 rapeseed)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/BE/2011/98 (FG72 soybean)**

The Working Group discussed the application. Further discussion is needed.

---



Parma, 18 October 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 33<sup>rd</sup> meeting of the Working Group on Molecular Characterisation  
Brussels, 6-7 October 2011**

**Agreed by the WG on 21 October 2011**

**Participants**

WG Experts:	Hans-Jörg Buhk, Boet Glandorf, Patrick du Jardin, Huw Jones, Sirpa O. Kärenlampi, Fabien Nogué
Hearing Experts:	---
Observers:	---
EFSA:	Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from J. M. Casacuberta, H. V. Davies, L. Herman and K. M. Nielsen.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-RX-MON1445 (MON 1445 cotton renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2011/91 (DAS-68416-4 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/SE/2010/88 (AM04-1020 potato cultivation)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

---

Parma, 1 September 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 32<sup>nd</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 25-26 August 2011**

**Agreed by the WG on 6 September 2011**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Patrick du Jardin, Huw Jones, Lieve Herman, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Jaime Aguilera, Irina Olaru, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from J. M. Casacuberta (25 August AM and 26 August), K. M. Nielsen (25 and 26 August AM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-RX-MON1445 (MON 1445 cotton renewal)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2010/77 (GHB614 x LICOTTON25 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/DE/2011/95 (5307 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **Austrian safeguard clause GM potato EH-92-527-1 (EFSA Q-2011-00797)**

The Working Group discussed the document submitted by the Austrian Competent Authority and worked on the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2009/73 (MON 87701 x MON 89788 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/SE/2010/88 (AM04-1020 potato cultivation)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2011/93 (MON 87708 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Cisgenesis (EFSA Q-2011-00152 New techniques)**

The Working Group discussed the cisgenesis opinion focussing on the Molecular Characterisation section. Further discussion is needed.

---

Parma, 05 July 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 31<sup>st</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 23-24 June 2011**

**Agreed by the WG on 08 July 2011**

**Participants**

WG Experts: Josep M. Casacuberta, Howard V. Davies, Patrick du Jardin, Lieve Herman, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Irina Olaru, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from H-J. Buhk, B. Glandorf, H. Jones (both days); P. du Jardin and L. Herman (only on 24 June 2011).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/NL/2010/77 (GHB614 x LLcotton25 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/UK/2008/60 (GA21 maize cultivation)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2011/93 (MON 87708 soybean)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/DE/2008/63 (H7-1 sugar beet cultivation)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **Cisgenesis (EFSA Q-2011-00152 New techniques)**

The Working Group discussed the cisgenesis opinion focussing on the unintended effects and molecular characterisation sections.

---

Parma, 27 May 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 30<sup>th</sup> meeting of the Working Group on Molecular Characterisation  
Parma, 19-20 May 2011**

**Agreed by the WG on 1 June 2011**

**Participants**

WG Experts:	Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué
Hearing Experts:	Bernward Märlander
Observers:	---
EFSA:	Zoltán Divéki, Nancy Podevin, Jaime Aguilera, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received on 20 May 2011 from P. du Jardin and from L. Herman.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. For further details on the outcome of the screening of the ADoI and SDoI (as well as the ones declared at the beginning of the meeting), see Annex I.

## Discussions

### **EFSA/GMO/NL/2010/89 (DAS-40728-9 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/DE/2008/63 (H7-1 sugar beet cultivation)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2010/78 (MON 87705 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2009/69 (AV43-6-GT potato)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA/GMO/SE/2010/88 (AM04-1020 potato cultivation)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EC mandate related to EFSA/GMO/CZ/2008/62 and EFSA/GMO/NL/2009/65 (MON 89034 x 1507 x MON 88017 x 59122 and MON 89034 x 1507 x NK603 maize)**

The Working Group progressed on the mandate. Further discussion is needed.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application. Further discussion is needed.

---



## Annex I.

### **Interests and actions resulting from the screening of ADols or SDols**

Conflict level C: In the ADol or in the SDol filled for the present meeting, Prof. Dr. Hans-Jörg Buhk declared an interest for application EFSA/GMO/DE/2008/63 (on H7-1 sugar beet cultivation), since from 1st of August 2010, as Head of the Department Genetic Engineering of the Federal Office of Consumer Protection and Food Safety (Bundesamt für Verbraucherschutz und Lebensmittelsicherheit, BVL), he was partly responsible for the environmental risk assessment of this sugar beet done by the BVL. In accordance with EFSA's Policy on Declarations of Interests and Implementing documents thereof, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a conflict of Interest (level C). Pursuant to EFSA's Procedure on Identifying and Handling Declarations of Interest, the said expert as per point C.III.b.<sup>1</sup> was excluded from participating in EFSA activities concerned by the potential conflict in question.

---

<sup>1</sup> Implementing act to the policy on declaration of interests procedure for identifying and handling potential conflicts of interest. <http://www.efsa.europa.eu/en/keydocs/docs/doiconflicts.pdf>

---

Parma, 27 June 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 29<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 18 May 2011**

**Agreed by the WG on 1 June 2011**

**Participants**

WG Experts: Patrick du Jardin, Lieve Herman, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué, Christoph Tebbe

Hearing Experts: Andy Hart, Gijs Kleter,

Observers: ---

EFSA: Nancy Podevin, Yann Devos, Ana Gomes, Yi Liu

**1. Welcome and apologies**

The Chair welcomed the participants.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**Discussion**

A training session on uncertainty analysis took place. The experts used the plant to bacteria gene transfer of antibiotic resistance genes as a practical example.

Parma, 1 April 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 28<sup>th</sup> meeting of the Working Group on Molecular Characterisation  
Brussels, 24-25 March 2011**

**Agreed by the WG on 6 April 2011**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from L. Herman (only for 24 March PM) and P. du Jardin.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/UK/2009/76 (MON 87769 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2010/77 (GHB614 x LLcotton25 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application. Further discussion is needed.

---

Parma, 7 March 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 27<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 17-18 February 2011**

**Agreed by the WG on 10 March 2011**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa  
O. Kärenlampi, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Jaime Aguilera, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from K. Nielsen and P. du Jardin (only for 18 February PM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/NL/2009/64 (BPS-CV127-9 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2010/78 (MON 87705 soybean)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2008/60 (GA21 maize cultivation)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA-GMO-RX-MON531 (MON 531 cotton renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Updated guidance document of the Scientific Panel on Genetically Modified Organisms for the risk assessment of genetically modified plants and derived food and feed**

The Working Group discussed the document.

---

Parma, 20 January 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 26<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 13-14 January 2011**

**Agreed by the WG on 25 January 2011**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa  
O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: C. Tebbe (only on 14 January PM)

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from L. Herman for 13 January and 14 January AM.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/NL/2010/78 (MON 87705 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/DE/2010/82 (MIR 162 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2009/64 (BPS-CV127-9 soybean)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **Genetically modified cotton applications from Monsanto (EFSA-GMO-RX-MON531, EFSA-GMO-RX-MON1445, EFSA-GMO-RX-MON15985 and EFSA/GMO/UK/2008/57)**

The Working Group discussed the applications and a draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/CZ/2008/54 (MON 88017 maize cultivation)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **Updated guidance document of the Scientific Panel on Genetically Modified Organisms for the risk assessment of genetically modified plants and derived food and feed**

The Working Group discussed the document.

### **Risk assessment strategy for higher stacks**

The Working Group discussed the risk assessment strategy for stacks via the examples of EFSA/GMO/CZ/2008/62 and EFSA/GMO/NL/2009/65 (MON 89034 x 1507 x MON 88017 x 59122 and MON 89034 x 1507 x NK603 maize, respectively).

---



Parma, 3 February 2011

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 25<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 16 December 2010**

**Agreed by the WG on 8 February 2011**

**Participants**

WG Experts: Josep M. Casacuberta, Howard V. Davies, Patrick du Jardin, Huw Jones, Kaare M. Nielsen

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from L. Herman.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

**Updated guidance document of the Scientific Panel on Genetically Modified Organisms for the risk assessment of genetically modified plants and derived food and feed**

The Working Group discussed the document. Further discussion is needed.

Parma, 25 November 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 24<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Barcelona, 18-19 November 2010**

**Agreed by the WG on 30 November 2010**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi,  
Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Boet Glandorf.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/NL/2007/46 (T25 maize cultivation)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application. Further discussion is needed.

### **Genetically modified cotton applications from Monsanto (EFSA-GMO-RX-MON531, EFSA-GMO-RX-MON1445, EFSA-GMO-RX-MON531xMON1445, EFSA-GMO-RX-MON15985, EFSA-GMO-RX-MON15985xMON1445, EFSA/GMO/UK/2005/09, EFSA/GMO/UK/2008/57, EFSA/GMO/UK/2008/58)**

The Working Group discussed the applications. Further discussion is needed.

### **Updated guidance document of the Scientific Panel on Genetically Modified Organisms for the risk assessment of genetically modified plants and derived food and feed**

The Working Group discussed the document.

---

Parma, 18 October 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 23<sup>rd</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 7-8 October 2010**

**Agreed by the WG on 21 October 2010**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies, Boet Glandorf, Patrick du Jardin, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from H. Davies (only for 8 October 2010).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and/or Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## **Discussions**

### **EFSA/GMO/NL/2007/46 (T25 maize cultivation)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application. Further discussion is needed.

### **EFSA/GMO/BE/2010/79 (MON 87701 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/DE/2010/82 (MIR 162 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

---

Parma, 6 September 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 22<sup>nd</sup> meeting of the Working Group on Molecular Characterisation  
Milan, 26-27 August 2010**

**Agreed by the WG on 9 August 2010**

**Participants**

WG Experts: Josep M. Casacuberta, Howard V. Davies, Patrick du Jardin, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Hans-Jörg Buhk and Boet Glandorf.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

## Discussions

### **EFSA-GMO-RX-40-3-2 (40-3-2 soybean renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/UK/2005/17 (1507 x NK603 maize cultivation)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/DE/2008/63 (H7-1 sugarbeet cultivation)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/UK/2009/76 (MON 87769 soybean)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA-GMO-RX-MON531 and EFSA-GMO-RX-MON1445 (MON 531 and MON 1445 cotton renewals)**

The Working Group discussed the applications and the draft opinions. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/NL/2010/78 (MON 87705 soybean)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

### **EFSA/GMO/CZ/2008/62 (MON 89034 x 1507 x MON 88017 x 59122 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

Parma, 29 June 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 21<sup>st</sup> meeting of the Working Group on Molecular Characterisation  
Brussels, 17-18 June 2010**

**Agreed by the WG on 2 July 2010**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi,  
Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Boet Glandorf and Lieve Herman (only for 18 June AM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.



#### **4. Discussions**

##### **EFSA/GMO/NL/2009/65 (MON 89034 x 1507 x NK603 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **EFSA/GMO/DE/2008/63 (H7-1 sugarbeet cultivation)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

##### **EFSA-GMO-RX-MON1445 (MON 1445 cotton renewal)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **EFSA/GMO/CZ/2008/54 (MON 88017 maize cultivation)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **EFSA/GMO/UK/2005/17 (1507 x NK603 maize cultivation)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

---

Parma, 4 May 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 20<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Web conference, 22-23 April 2010**

**Agreed by the WG on 7 May 2010**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones,  
Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from J. Casacuberta (only for 22 April), L. Herman (only for 23 April), H. Jones (only for 22 April) and Sirpa O. Kärenlampi.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

#### **4. Discussions**

##### **EFSA/GMO/CZ/2008/62 (MON 89034 x 1507 x MON 88017 x 59122 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **EFSA/GMO/UK/2006/34 (3272 maize)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/CZ/2008/54 (MON 88017 maize cultivation)**

The Working Group discussed the application. Further discussion is needed.

---

Parma, 31 March 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 19<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 25-26 March 2010**

**Agreed by the WG on 9 April 2010**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa  
O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Hans-Jörg Buhk (only for 26 March).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

#### **4. Discussions**

##### **Rf3 oilseed rape reasoned objection of Austria under Directive 2001/18/EC**

The Working Group discussed the issue and the draft opinion. The opinion will proceed to finalisation.

##### **EFSA/GMO/NL/2005/16 (281-24-236 x 3006-210-23 cotton)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **EFSA/GMO/UK/2009/76 (MON 87769 soybean)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/UK/2008/60 (GA21 maize)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application. Further clarification from the applicant and discussion are needed.

---

Parma, 24 January 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 18<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 18-19 February 2010**

**Agreed by the WG on 1 March 2010**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep M. Casacuberta, Howard V. Davies,  
Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa  
O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué

Hearing Experts: ---

Observers: ---

EFSA: Jaime Aguilera, Zoltán Divéki, Ana Gomes, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Hans-Jörg Buhk (only for 19 February), Howard V. Davies (only for 18 February) and Kaare M. Nielsen (only for 18 February PM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

#### **4. Discussions**

##### **EFSA/GMO/NL/2009/73 (MON 87701 x MON 89788 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/NL/2009/70 (MON 87460 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/NL/2005/23 (59122 maize cultivation)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/NL/2009/65 (MON 89034 x 1507 x NK603 maize)**

The Working Group discussed the application. Further discussion is needed.

##### **EFSA/GMO/UK/2006/34 (3272 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/CZ/2008/62 (MON 89034 x 1507 x MON 88017 x 59122 maize)**

The Working Group discussed the application and the draft opinion.

##### **EFSA/GMO/NL/2005/24 and EFSA-GMO-RX-40-3-2 (40-3-2 soybean)**

The Working Group discussed the application and the draft opinion.

##### **EFSA-Q-2009-956 (Revised molecular characterisation for Rf3 oilseed rape received from the Competent Authority of Belgium)**

The Working Group discussed the mandate and the draft opinion.

---

Parma, 19 January 2010

**SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 17<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 14-15 January 2010**

**Agreed by the WG on 22 January 2010**

**Participants**

WG Experts: Josep M. Casacuberta, Patrick du Jardin, Boet Glandorf, Lieve Herman, Sirpa O. Kärenlampi, Kaare M. Nielsen.

Hearing Experts: ---

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Ana Gomes, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from H-J. Buhk, Howard V. Davies (except for the 15<sup>th</sup> January AM), Huw Jones, Fabien Nogué (except for the 15<sup>th</sup> January AM).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.



#### **4. Discussions**

##### **EFSA/GMO/CZ/2008/62 (MON 89034 x 1507 x MON 88017 x 59122 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **EFSA/GMO/NL/2009/73 (MON 87701 x MON 89788 soybean)**

The Working Group discussed the application. Further discussion is needed.

##### **EFSA/GMO/NL/2009/65 (MON 89034 x 1507 x NK603 maize)**

The Working Group discussed the application. Further discussion is needed.

##### **EFSA/GMO/DE/2009/66 (Bt11 x GA21 x MIR604 x MIR162 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/DE/2009/67 (Bt11 x GA21 x MIR162 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **Plant to micro-organisms horizontal gene transfer section of the draft updated Environmental Risk Assessment Guidance document**

The section has been discussed and comments were forwarded to the Working Group on the Update of the ERA Guidance Document.

---

Parma, 26 November 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 16<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 19-20 November 2009**

**(adopted by the WG on 1 December 2009)**

**Participants**

WG Experts: Josep Casacuberta, Howard V. Davies, Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare M. Nielsen, Fabien Nogué.

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Ana Gomes, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from H-J. Buhk, J. Casacuberta (only on 19 November AM), P. du Jardin (only on 20 November).

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

**4. Discussions**

**EFSA/GMO/UK/2008/53 (98140 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA-GMO-RX-MON863 (MON 863 maize renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA-GMO-RX-MON863xMON810 (MON 863 x MON 810 maize renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA-GMO-RX-MON863xNK603 (MON 863 x NK603 maize renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2007/47 (305423 x 40-3-2 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/UK/2008/56 (Bt11 x GA21 x MIR604 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2005/16 (281-24-236 x 3006-210-23 cotton)**

The Working Group discussed the draft opinion. Further discussion is needed.

---

Parma, 13 October 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 15<sup>th</sup> meeting of the Working Group on Molecular Characterisation  
Brussels, 8-9 October 2009**

**(adopted by the WG on 16 October 2009)**

***Corrigendum<sup>1</sup>***

**Participants**

WG Experts: Hans-Jörg Buhk, Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Fabien Nogué.

Observers: Sébastien Goux (European Commission, only on 9<sup>th</sup> of October)

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from J. Casacuberta, H.V. Davies and K.M. Nielsen.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

---

<sup>1</sup> Last updated on 1 December 2009. Changes reflect the correction of Participants (Observers is now included instead of European Commission) and Item 3: Declarations of interest.

#### **4. Discussions**

##### **EFSA/GMO/NL/2007/39 (MON 89034 x MON 88017 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **EFSA/GMO/NL/2009/65 (MON89034 x 1507 x NK603 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **EFSA/GMO/NL/2005/16 (281-24-236/3006-210-23 cotton)**

The Working Group discussed the draft opinion. Further discussion is needed.

##### **EFSA-GMO-RX-MON863 (MON 863 maize renewal)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **EFSA-GMO-RX-GT73 (GT73 rapeseed renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

Parma, 01 September 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 14<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 27-28 August 2009**

**(adopted by the WG on 04 September 2009)**

***Corrigendum<sup>1</sup>***

**Participants**

WG Experts: Josep Casacuberta, Howard V. Davies, Patrick du Jardin, Boet Glandorf, Lieve Herman, Huw Jones, Sirpa O. Kärenlampi, Kaare Magne Nielsen, Fabien Nogué.

Hearing expert: Garry Wong (from 10:00 to 12:00 on 28<sup>th</sup> of August)

Observers: ---

EFSA: Zoltán Divéki, Nancy Podevin, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from H-J. Buhk and P. du Jardin (only on 28<sup>th</sup> of August)

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

In accordance with EFSA's Policy on Declarations of Interests, EFSA screened the Annual Declaration of interest (ADoI) and Specific Declaration of interest (SDoI) filled in by the experts invited for the present meeting. No conflicts of interests related to the issues discussed in this meeting have been identified during the screening process or at the beginning of this meeting.

---

<sup>1</sup> Last updated on 1 December 2009. Changes reflect the correction of Participants (Observers is now included instead of European Commission) and Item 3: Declarations of interest.

#### **4. Discussions**

##### **EFSA/GMO/CZ/2008/62 (MON 89034 x 1507 x MON 88017 x 59122 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/UK/2008/57 and EFSA-GMO-RX-MON15985 (MON 15985 cotton)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

##### **EFSA/GMO/UK/2007/41 (MON 88913 cotton)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

##### **EFSA/GMO/NL/2009/64 (BPS-CV127-9 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/DE/2009/66 and EFSA/GMO/DE/2009/67 (Bt11 x MIR162 x MIR604 x GA21 maize and Bt11 x MIR162 x GA21 maize)**

The Working Group discussed the applications and the draft opinion. Further clarification from the applicant and discussion are needed.

##### **EFSA/GMO/UK/2008/60 (GA21 maize cultivation)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**Prof. Garry Wong** was invited to the WG to discuss about general issues of the bioinformatic analyses performed during risk assessment.

---

Parma, 24 June 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 13<sup>th</sup> meeting of the Working Group on Molecular Characterisation  
Parma, 18-19 June 2009**

**(adopted by the WG on 29 June 2009)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Patrick du Jardin, Sirpa O. Kärenlampi, Fabien Nogué, Nickolas J. Panopoulos

European Commission: ---

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Lieve Herman, Boet Glandorf and Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

**EFSA/GMO/CZ/2006/33 (MON 88017 x MON 810 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2007/39 (MON 89034 x MON 88017 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.



**EFSA-GMO-RX-Ms8-Rf3 (Ms8/Rf3 oilseed rape renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/UK/2007/48 (MIR604 x GA21 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/UK/2007/50 (Bt11 x MIR604 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

Parma, 19 May 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 12<sup>th</sup> meeting of the Working Group on Molecular Characterisation  
Parma, 14-15 May 2009**

**(adopted by the WG on 26 May 2009)**

**Participants**

WG Experts: Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi, Fabien Nogué, Nickolas J. Panopoulos

European Commission: ---

EFSA: Zoltán Divéki, Nancy Podevin, Ana Gomes, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Hans-Jörg Buhk and Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

**EFSA/GMO/NL/2008/52 (A5547-127 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA-GMO-RX-GT73 (GT73 oilseed rape renewal)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **EFSA-GMO-RX-MON863**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **MON 863 maize safeguard clause**

The Working Group discussed the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/CZ/2006/33 (MON 88017 x MON 810 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **Renewal MON 810 maize**

The Working Group discussed the draft opinion and the paper of Rosati *et al.* (2008). The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2007/45 (305423 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2005/16 (281-24-236/3006-210-23 cotton)**

The Working Group discussed the application. Further discussion is needed.

---

Parma, 1 April 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 11<sup>th</sup> meeting of the Working Group on Molecular Characterisation  
Brussels, 26-27 March 2009**

**(adopted by the WG on 6 April 2009)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi, Fabien Nogué, Nickolas J. Panopoulos

European Commission: --

EFSA: Zoltán Divéki, Nancy Podevin

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Boet Glandorf and Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

**EFSA-GMO-RX-MON531 (MON 531 cotton renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/UK/2008/57 and EFSA-GMO-RX-MON15985 (MON 15985 cotton renewal)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/CZ/2008/62 (MON89034 x 1507 x MON88017 x 59122 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/NL/2007/39 (MON89034 x MON88017 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/UK/2005/11 (MIR604 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

Parma, 20 March 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 10<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 19-20 February 2009**

**(adopted by the WG on 27 February 2009)**

***Corrigendum<sup>1</sup>***

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi, Fabien Nogué, Nickolas J. Panopoulos

European Commission: --

EFSA staff: Zoltán Divéki, Nancy Podevin, Ana Gomes, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants and introduction of Fabien Nogué to the working group. Apologies were received from Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

**MON 863 maize Austrian safeguard clause (EFSA-Q-2008-742)**

The Working Group discussed the mandate.

**EFSA-GMO-RX-Ms8/Rf3 (Ms8/Rf3 oilseed rape renewal)**

---

<sup>1</sup> Last updated on April 7, 2009. Changes reflect the correction of Item 3: Declarations of interest.

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA-GMO-RX-1507 (1507 maize renewal)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2005/24 and RX-40-3-2 renewal (40-3-2 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2007/38 (MON 89034 x NK603 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

---

Parma, 21 January 2009

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 9<sup>th</sup> meeting of the Working Group on Molecular Characterisation**

**Parma, 15-16 January 2009**

**(adopted by the WG on 26 January 2009)**

***Corrigendum<sup>1</sup>***

**Participants**

WG Experts: Hans-Jörg Buhk, Boet Glandorf, Patrick du Jardin, Sirpa O. Kärenlampi

European Commission: --

EFSA staff: Zoltán Divéki, Nancy Podevin, Ana Gomes, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Hans-Jörg Buhk (15 January only), Josep Casacuberta, Howard V. Davies, Lieve Herman, Ingolf F. Nes, Fabien Nogue, Nickolas J. Panopoulos.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

EFSA secretariat screened the ADol and SDol filled in by the scientific experts invited at this meeting in accordance with EFSA's Policy on Declarations of Interests.

With regard to the ADol, SDol and this meeting no other interest than those already declared in the ADol or in a previous SDol and screened by EFSA in accordance with its Policy on Declarations of Interests and implementing documents thereof was declared by the experts.

**4. Discussions**

**EFSA/GMO/NL/2006/31 (LY038 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

---

<sup>1</sup> Last updated on April 7, 2009. Changes reflect the correction of Item 3: Declarations of interest.



**EFSA/GMO/NL/2007/45 (305423 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/NL/2005/24 and EFSA-GMO-RX-40-3-2 (40-3-2 soybean)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**EFSA/GMO/UK/2008/53 (98140 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/NL/2005/16 (281-24-236 x 3006-210-23 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/RX-MON1445 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/UK/2005/09 and EFSA-GMO-RX-MON531xMON1445 (MON 531 x MON 1445 cotton)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**EFSA-GMO-RX-MON863, EFSA-GMO-RX-MON863xMON810, EFSA-GMO-RX-MON863xNK603**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

---

Parma, 19 November 2008

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 8<sup>th</sup> 2008 meeting of the Working Group on Molecular Characterisation  
Brussels, 13-14 November 2008**

**(adopted by the WG on 24 November 2008)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi, Nickolas J. Panopoulos

European Commission: Sébastien Goux, Sabine Pelsser

EFSA staff: Zoltán Divéki, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Boet Glandorf and Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

The members of the WG had no declaration of interests.

**4. Discussions**

**EFSA/GMO/NL/2008/52 (A5547-127 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/UK/2007/43 (356043 soybean)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/RX-Bt11 maize**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### **EFSA/GMO/UK/2007/49 (Bt11 x GA21 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

#### **EFSA/GMO/RX-MON15985 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

---

Parma, 20 October 2008

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 7<sup>th</sup> 2008 meeting of the Working Group on Molecular Characterisation  
Brussels, 09-10 October 2008**

**(adopted by the WG on 23 October 2008)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi, Nickolas J. Panopoulos

European Commission: ---

EFSA staff: Zoltán Divéki, Ana Gomes, Jaime Aguilera

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

The members of the WG had no declaration of interests.

**4. Discussions**

**EFSA/GMO/NL/2006/31 (LY038 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**EFSA/GMO/UK/2007/41 (MON 88913 cotton)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

**EFSA/GMO/RX-531 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

#### **EFSA/GMO/RX-1507 maize**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

#### **EFSA/GMO/NL/2007/46 (T25 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

#### **EFSA/GMO/NL/2007/45 (305423 soybean)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

---

Parma, 01 September 2008

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 6<sup>th</sup> 2008 meeting of the Working Group on Molecular Characterisation**

**Parma, 28-29 August 2008**

**(adopted by the WG on 04 September 2008)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Boet Glandorf, Lieve Herman, Patrick du Jardin, Sirpa O. Kärenlampi, Ingolf F. Nes, Nickolas J. Panopoulos

European Commission: ---

EFSA staff: Zoltán Divéki, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from P. du Jardin (29 August only)

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

The members of the WG had no declaration of interests.

**4. Discussions**

**EFSA/GMO/NL/2008/51 (GHB614 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/RX-Bt11 maize**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/UK/2007/49 (Bt11 x GA21 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

#### **EFSA/GMO/RX-MON1445 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

#### **EFSA/GMO/RX-MON531xMON1445 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

#### **EFSA/GMO/NL/2007/46 (T25 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

#### **EFSA/GMO/RX-40-3-2 soybean**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

---

Parma, 18 June 2008

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 5<sup>th</sup> 2008 meeting of the Working Group on Molecular Characterisation  
Brussels, 12-13 June 2008**

**(adopted by the WG on 23 June 2008)**

**Participants**

WG Experts: Hans-Jörg Buhk, Howard V. Davies, Patrick du Jardin, Lieve Herman, Sirpa O. Kärenlampi, Nickolas J. Panopoulos

European Commission: ---

EFSA staff: Zoltán Divéki, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from J. Casacuberta, B. Glandorf, I. Nes and H. Davies (13 June only)

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

The members of the WG had no declaration of interests.

**4. Discussions**

**EFSA/GMO/UK/2007/41 (MON 88913 cotton)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/RX-MON810 maize**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/UK/2007/49 (Bt11 x GA21 maize)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.



**EFSA/GMO/UK/2007/43 (356043 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**EFSA/GMO/RX-MON531 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

---

Parma, 15 May 2008

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 4<sup>th</sup> 2008 meeting of the Working Group on Molecular Characterisation**

**Milan, 07-08 May 2008**

**(adopted by the WG on 21 April 2008)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Patrick du Jardin, Boet Glandorf, Lieve Herman, Sirpa O. Kärenlampi, Nickolas J. Panopoulos

European Commission: ---

EFSA staff: Zoltán Divéki, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Howard V. Davies and Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

The members of the WG had no declaration of interests.

**4. Discussions**

**EFSA/GMO/NL/2005/15 (1507 x 59122 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2005/20 (59122 x NK603 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2005/21 (59122 x 1507 x NK603 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

### **EFSA/GMO/NL/2007/45 (305423 soybean)**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

### **Renewal RX-MON 15985 cotton**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

---

Parma, 22 April 2008

**PANEL ON GENETICALLY MODIFIED ORGANISMS**

**Minutes of the 3<sup>rd</sup> 2008 meeting of the Working Group on Molecular Characterisation**

**Brussels, 03-04 April 2008**

***Corrigendum***

**(adopted by the WG on 25 April 2008)**

**Participants**

WG Experts: Hans-Jörg Buhk, Josep Casacuberta, Howard V. Davies, Marc de Loose, Patrick du Jardin, Boet Glandorf, Lieve Herman, Sirpa O. Kärenlampi, Nickolas J. Panopoulos, P. Vain

European Commission: ---

EFSA staff: Zoltán Divéki, Ana Gomes

**1. Welcome and apologies**

The Chair welcomed the participants. Apologies were received from Anna Depicker and Ingolf F. Nes.

**2. Adoption of agenda**

The agenda was adopted without changes.

**3. Declarations of interest**

The members of the WG had no declaration of interests.

**4. Discussions**

**EFSA/GMO/NL/2005/22 (NK603 maize)**

The Working Group discussed the application and the draft opinion. The Molecular Characterisation section of the opinion will proceed to finalisation.

**EFSA/GMO/NL/2007/37 (MON 89034 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **EFSA/GMO/NL/2005/15 (1507 x 59122 maize)**

The Working Group discussed the application and the draft opinion. Further discussion is needed.

### **Renewal RX-MON 810**

The Working Group discussed the application and the draft opinion. Further clarification from the applicant and discussion are needed.

**Other administrative and scientific issues were also discussed by the Working Group.**

---