



**SCIENTIFIC PANEL ON
GENETICALLY MODIFIED ORGANISMS**
146th Working Group meeting on FOOD & FEED SAFETY
09 & 10 April 2024



10:00-17:00
MINUTES – Agreed on 10 April 2024

Location: Online

Attendees:

- o Working Group Members:
 - FF WG: Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - None
- o Hearing expert:
 - None
- o Contractor:
 - ANSES: Kevin Hogeveen (only item VI – update on protein toxicity project)
- o EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Giacomo De Sanctis, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou, Franco Maria Neri, Tommaso Raffaello and Reinhilde Schoonjans
 - Methodology and Scientific Support: José Ángel Gómez Ruiz
 - Pesticides Peer Review Unit: Anna Lanzoni

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Hanspeter Naegeli for the first day.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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 before the beginning of the meeting.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 145th Working Group meeting held on 27 & 28 February 2024, Tele/WEB.

The minutes of the 145th Working Group meeting held on 27 & 28 February 2024 were agreed.³

V. Scientific topics on applications for discussion

- a. **EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)**
The Working group discussed the application. Further discussion is needed.
- b. **EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- c. **EFSA-Q-2022-00409 (Maize DP910521)**
The Working group discussed the application. The preparatory work for the Food & Feed part of the opinion was finalized.
- d. **EFSA-Q-2022-00410 (Maize DAS1131)**
The Working group discussed the application. Further discussion is needed.
- e. **EFSA-Q-2022-00575 (Soybean MON94313)**
The Working group discussed the application. Further discussion is needed.
- f. **EFSA-Q-2023-00051 (Maize DP51291)**
The Working group discussed the application. Further discussion is needed.
- g. **EFSA-Q-2023-00197 (Maize DP202216 x NK603 x DAS-40278-9)**
The Working group discussed the application. Further discussion is needed.
- h. **EFSA-Q-2023-00378 (Sugarbeet KWS20-1)**
The Working group discussed the application. Further discussion is needed.

VI. Any other business and generic mandates received from EC

- Update on the Procurement on *in vitro* tools for toxicity assessment.
- EFSA-GMO-ES-2017-147 (Cotton GHB614xT304-40xGHB119xCOT102), EFSA-GMO-BE-2018-155 (Cotton T304-40xGHB119xCOT102) and EFSA-GMO-NL-2019-162 (soybean Leghemoglobin Prep) Update.
- Protein safety mandate.
- EFSA Guidance on the risk assessment of microorganisms.
- Update on AOP for celiac disease project.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



VII. Preparatory meetings

Since the last Food and Feed WG meeting, the following preparatory meetings chaired by EFSA staff also were held:

- **Preparatory meeting on AOP CD**

Date: 20/03/2024

WG members: Frits Koning, Javier Moreno

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Antonio Fernández Dumont, Aina Belén Gil González, Estefanía Noriega Fernández, Pablo Rodríguez Fernández

Discussion:

- AOP CD

AOB

- None

- **Preparatory meeting on microorganisms GD**

Date: 20/03/2024

WG members: Jean-Louis Bresson, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini

Hearing expert: None.

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou, Reinhilde Schoonjans

Discussion:

- EFSA guidance on the risk assessment on microorganisms intentionally added to the food chain.

AOB

- None

- **Preparatory meeting on toxicology / allergenicity**

Date: 21/03/2024

WG members: Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Frits Koning, Javier Moreno, Hanspeter Naegeli.

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis and Paschalina Grammatikou



Applications for discussion

- EFSA-Q-2022-00330 (Maize MON95275)
- EFSA-Q-2022-00409 (Maize DP910521)
- EFSA-Q-2022-00410 (Maize DAS1131)
- EFSA-Q-2022-00575 (Soybean MON94313)
- EFSA-Q-2023-00103 (Soybean DBN8002)
- EFSA-Q-2023-00378 (Sugarbeet KWS20-1)

AOB

- Protein Safety Mandate

- **Preparatory meeting on Protein Safety Mandate**

Date: 21/03/2024

WG members: Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Frits Koning, Javier Moreno, Hanspeter Naegeli

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou, Aleksandra Lewandowska and Tommaso Raffaello
- Integrated Data: Luca Belmonte
- ED Team Chief Scientist Office: Manisha Chownk

Discussion

- Protein Safety Mandate

AOB

- None

VIII. Next meeting

The next hybrid meeting will be held on 07 & 08 May 2024, online.

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

145th Working Group meeting on FOOD & FEED SAFETY
27 & 28 February 2024



10:00-17:00
MINUTES – Agreed on 28 February 2024

Location: Online

Attendees:

- o Working Group Members:
 - FF WG: Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - Olga Orlova, Kathleen Lehmann
- o Hearing expert:
 - None
- o Applicant hearing:
 - BAYER, Rocio Fernández Cantón, Kimberly Hodge Bell, Debbie Mahadeo, Patricia Nevers, Frederic Schorsch (all present only for item V.i. on EFSA-Q-2022-00575).
- o EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Giacomo De Sanctis, Antonio Fernández Dumont, Andrea Gennaro, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou, Dafni Maria Kagkli, Aleksandra Lewandowska, Pietro Piffanelli and Reinhilde Schoonjans
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
 - Feed and Contaminants: Rosella Brozzi, Elisa Pettenati

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Hanspeter Naegeli for the first day.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² EFSA screened the Annual Declarations of Interest filled

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



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 before the beginning of the meeting.

IV. Agreement of the minutes of the 144th Working Group meeting held on 23 & 24 January 2024, Tele/WEB.

The minutes of the 144th Working Group meeting held on 23 & 24 January 2024 were agreed.³

V. Scientific topics on applications for discussion

- a. EFSA-GMO-ES-2017-147 (Cotton GHB614xT304-40xGHB119xCOT102)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-BE-2018-155 (Cotton T304-40xGHB119xCOT102)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- d. EFSA-GMO-NL-2019-162 (Soybean Leghemoglobin)**
The Working group discussed the application. The preparatory work for the Food & Feed part of the opinion was finalized.
- e. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.
- f. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-Q-2022-00409 (Maize DP910521)**
The Working group discussed the application. The preparatory work for the Food & Feed part of the opinion was finalized.
- h. EFSA-Q-2022-00410 (Maize DAS1131)**
The Working group discussed the application. Further discussion is needed.
- i. EFSA-Q-2022-00575 (Soybean MON 94313)**
The Working group discussed the application. Further discussion is needed.
The applicant was invited to a technical hearing upon EFSA's request. EFSA presented the aspects requiring additional clarification. Applicant's hearing ended, and the Applicant's experts left the WG meeting. Subsequently, the WG discussed the clarifications provided. EFSA will follow up by providing the applicant with a written summary of the points discussed.
- j. EFSA-Q-2023-00084 (Oilseed rape MON 94100 × MON 88302 × RF3 and its sub-combinations)**
The Working group discussed the application. Further discussion is needed.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



k. EFSA-Q-2023-00103 (Soybean DBN8002)

The Working group did not discuss the application due to a lack of time.

l. EFSA-Q-2023-00106 (Maize MON94804)

The Working group discussed the application. The preparatory work for the Food & Feed part of the opinion was finalized.

VI. Any other business and generic mandates received from EC

- Update on adoption of renewals.
- Protein safety mandate.
- EFSA Guidance on the RA of microorganisms.

VII. Preparatory meetings

Since the last Food and Feed WG meeting, the following preparatory meetings chaired by EFSA staff also were held:

- **Preparatory meeting on toxicology**

Date: 30/01/2024

WG members: Ian Dewhurst, Hanspeter Naegeli

Hearing expert: None

EFSA: Michele Ardizzone, Aina Belén Gil González, Tilemachos Goumperis and Paschalina Grammatikou

Applications for discussion

- a. EFSA-Q-2022-00330 (Maize MON95275)
- b. EFSA-Q-2022-00409 (Maize DP910521)
- c. EFSA-Q-2022-00410 (Maize DAS1131)
- d. EFSA-Q-2022-00575 (Soybean MON94313)
- e. EFSA-Q-2023-00051 (Maize DP51291)
- f. EFSA-Q-2023-00084 (Oilseed rape MON 94100 × MON 88302 × RF3 and its sub-combinations)
- g. EFSA-Q-2023-00106 (Maize MON94804)

AOB

- None

- **Preparatory meeting on AOP celiac disease**

Date: 09/02/2024

WG members: Frits Koning and Javier Moreno

Hearing expert: None

EFSA: Antonio Fernández Dumont, Aina Belén Gil González, Estefanía Noriega Fernández and Pablo Rodríguez Fernández



Applications for discussion:

- a. AOP for Celiac Disease

AOB

- None

- **Preparatory meeting on human nutrition and exposure**

Date: 23/02/2024

WG members: Jean-Louis Bresson and Thomas Frenzel

Hearing expert: None

EFSA: Aina Belén Gil González, Tilemachos Goumperis and José Ángel Gómez Ruiz

Applications for discussion

- a. EFSA-GMO-ES-2017-147 (Cotton GHB614xT304-40xGHB119xCOT102)
- b. EFSA-GMO-BE-2018-155 (Cotton T304-40xGHB119xCOT102)
- c. EFSA-GMO-NL-2019-162 (Pichia pastoris soybean Leghemoglobin)
- d. EFSA-Q-2022-00409 (Maize DP910521)
- e. EFSA-Q-2022-00575 (Soybean MON94313)

AOB

- None

VIII. Next meeting

The next meeting will be held on 9-10 April 2024 online.

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

144th Working Group meeting on FOOD & FEED SAFETY
23 & 24 January 2024



10:00-17:00
MINUTES – Agreed on 24 January 2024

Location: Online

Attendees:

- o Working Group Members:
 - FF WG: Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - Olga Orlova
- o Hearing expert:
 - None
- o EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernández Dumont, Andrea Gennaro, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou and Reinhilde Schoonjans
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Ian Dewhurst for the morning session of the second day and from Robin Ornsrud for the second day.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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 before the beginning of the meeting.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 143rd Working Group meeting held on 27 & 28 November 2023, Tele/WEB.

The minutes of the 143rd Working Group meeting held on 27 & 28 November 2023 were agreed.³

V. Scientific topics on applications for discussion

- a. EFSA-GMO-ES-2017-147 (Cotton GHB614xT304-40xGHB119xCOT102)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-BE-2018-155 (Cotton T304-40xGHB119xCOT102)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- d. EFSA-GMO-NL-2019-159 (Maize DP202216)**
e. The Working group discussed the application. Further discussion is needed.
- f. EFSA-GMO-NL-2019-162 (Soybean Leghemoglobin)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.
- h. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- i. EFSA-Q-2022-00409 (Maize DP910521)**
The Working group discussed the application. Further discussion is needed.
- j. EFSA-Q-2022-00575 (Soybean MON94313)**
The Working group discussed the application. Further discussion is needed.
- k. EFSA-Q-2023-00051 (Maize DP51291)**
The Working group discussed the application. Further discussion is needed.
- l. EFSA-Q-2023-00084 (Oilseed rape MON 94100 × MON 88302 × RF3 and its sub-combinations)**
The Working group discussed the application. Further discussion is needed.
- m. EFSA-Q-2023-00106 (Maize MON94804)**
The Working group discussed the application. Further discussion is needed.
- n. EFSA-Q-2023-00378 (Sugarbeet KWS20-1)**
The Working group discussed the application. Further discussion is needed.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



VI. Any other business and generic mandates received from EC

- Protein safety mandate.
- Renewals (RX027, RX029).
- EFSA-Q-2023-00103 (Soybean DBN8002).

VII. Preparatory meetings

Since the last Food and Feed WG meeting, the following preparatory meetings chaired by EFSA staff also were held:

- **Preparatory meeting on human nutrition and exposure**

Date: 05/12/2023

WG members: Jean-Louis Bresson and Thomas Frenzel

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Aina Belén Gil González and Tilemachos Goumperis
- Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

Applications for discussion

- a. EFSA-GMO-NL-2019-162 (Pichia pastoris soybean Leghemoglobin)

AOB

- None

- **Preparatory meeting on toxicology/ allergenicity**

Date: 11/01/2024

WG members: Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Frits Koning, Javier Moreno and Hanspeter Naegeli

Hearing expert: None.

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis and Paschalina Grammatikou

Applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)
- b. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)
- c. EFSA-Q-2022-00330 (Maize MON95275)
- d. EFSA-Q-2022-00575 (Soybean MON94313)

AOB



- EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4): clarification TC with applicants.

- **Preparatory meeting on animal nutrition and exposure**

Date: 16/01/2024

WG members: Robin Ornsrud and Giovanni Savoini

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone.

Applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

AOB

- None

- **Preparatory meeting on human nutrition and exposure**

Date: 16/01/2024

WG members: Jean-Louis Bresson and Thomas Frenzel

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Aina Belén Gil González, Tilemachos Goumperis and Reinhilde Schoonjans
- Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

Applications for discussion

- a. EFSA-GMO-NL-2019-162 (Pichia pastoris soybean Leghemoglobin)

AOB

- None

- **Preparatory meeting on toxicology**

Date: 19/01/2024

WG members: Ian Dewhurst and Hanspeter Naegeli

Hearing expert:

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone, Aina Belén Gil González, Tilemachos Goumperis and Paschalina Grammatikou

Applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)
- b. EFSA-GMO-NL-2019-162 (Pichia pastoris soybean Leghemoglobin)
- c. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)
- d. EFSA-Q-2022-00330 (Maize MON95275)



- e. EFSA-Q-2022-00409 (Maize DP910521)
- f. EFSA-Q-2022-00410 (Maize DAS1131)
- g. EFSA-Q-2022-00575 (Soybean MON94313)
- h. EFSA-Q-2023-00051 (Maize DP51291)
- i. EFSA-Q-2023-00084 (Oilseed rape MON 94100 × MON 88302 × RF3 and its sub-combinations)
- j. EFSA-Q-2023-00106 (Maize MON94804)

AOB

- None

VIII. Next meeting

The next hybrid meeting will be held on 27-28 February 2024, online.

15 December 2023, 14:00 – 17:00
MINUTES - Agreed on 15 December 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- Working Group Members:
 - Giovanni Savoini and Robin Ornsrud
- Hearing Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

¹ 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 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



V. Any other business

- none

4 December 2023, 10:00-12:00
MINUTES - Agreed on 4 December 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis and Paschalina Grammatikou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-Q-2023-00664 (Protein Safety Assessment)

The sub-Working group discussed the mandate. Further discussion is needed.

V. Any other business

None

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

143rd Working Group meeting on FOOD & FEED SAFETY
27 & 28 November 2023



14:00-18:00 / 09:00-17:00
MINUTES – Agreed on 28 November 2023

Location: Parma

Attendees:

- o Working Group Members:
 - FF WG: Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - Olga Orlova and Agnieszka Turek
- o Hearing expert:
 - None
- o Contractor:
 - Università degli Studi di Milano: Ivano Eberini and Luca Palazzolo
- o EFSA:
 - Nutrition and Food Innovation Unit: Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou, Tommaso Raffaello and Reinhilde Schoonjans
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
 - Pesticides Peer Review Unit: Anna Lanzoni
 - Integrated Data Unit: Luca Belmonte
 - ED Chief Scientist: Konstantinos Paraskevopoulos

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² EFSA screened the Annual Declarations of Interest filled

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



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 before the beginning of the meeting.

IV. Agreement of the minutes of the 142nd Working Group meeting held on 11 October 2023, Tele/WEB.

The minutes of the 142nd Working Group meeting held on 11 October 2023 were agreed.³

V. Scientific topics on applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-NL-2019-159 (Maize DP202216)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)**
The Working group discussed the application. Further discussion is needed.
- d. EFSA-GMO-NL-2019-162 (Soybean Leghemoglobin)**
The Working group discussed the application. Further discussion is needed.
- e. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.
- f. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-Q-2022-00409 (Maize DP910521)**
The Working group discussed the application. Further discussion is needed.
- h. EFSA-Q-2022-00410 (Maize DAS1131)**
The Working group discussed the application. Further discussion is needed.
- i. EFSA-Q-2022-00575 (Soybean MON94313)**
The Working group discussed the application. Further discussion is needed.
- j. EFSA-Q-2023-00051 (Maize DP51291)**
The Working group discussed the application. Further discussion is needed.
- k. EFSA-Q-2023-00084 (Oilseed rape MON 94100 × MON 88302 × RF3 and its sub-combinations)**
The Working group discussed the application. Further discussion is needed.
- l. EFSA-Q-2023-00106 (Maize MON94804)**
The Working group discussed the application. Further discussion is needed.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



VI. Any other business and generic mandates received from EC

- Protein toxicity contractor update.
- Protein safety mandate discussion.
- EFSA-Q-2023-00378 (Sugarbeet KWS20-1) introduction.
- Celiac disease – development of an AOP.

VII. Preparatory meetings

Since the last Food and Feed WG meeting, the following preparatory meetings chaired by EFSA staff also were held:

- **Preparatory meeting on toxicology**

Date: 19&20/10/2023

WG members: Ian Dewhurst, Hanspeter Naegeli

Hearing expert: Rodolfo Comelli

EFSA:

- Nutrition and Food Innovation Unit: Michele Ardizzone, Tilemachos Goumperis, Paschalina Grammatikou and Kyriaki Xiftou

Applications for discussion

- a. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)
- b. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)
- c. EFSA-Q-2022-00330 (Maize MON95275)
- d. EFSA-Q-2022-00409 (Maize DP910521)
- e. EFSA-Q-2022-00410 (Maize DAS1131)
- f. EFSA-Q-2022-00575 (Soybean MON94313)
- g. EFSA-Q-2023-00051 (Maize DP51291)
- h. EFSA-Q-2023-00084 (Oilseed rape MON 94100×MON 88302×RF3)
- i. EFSA-Q-2023-00106 (Maize MON94804)

AOB

- Historical Control Data in tox studies
- Use of reference varieties in diets of 90-day studies' diet
- Use of BSA control groups in 28-day studies
- Reporting of Peyer's patches in 28-day studies

- **Preparatory meeting on human nutrition and exposure**

Date: 24/11/2023

WG members: Jean-Louis Bresson and Thomas Frenzel

Hearing expert: None

EFSA:

- Nutrition and Food Innovation Unit: Aina Belén Gil González and Tilemachos Goumperis



- Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

Applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)
- b. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)
- c. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)
- d. EFSA-Q-2022-00330 (Maize MON95275)
- e. EFSA-Q-2022-00575 (Soybean MON94313)
- f. EFSA-Q-2023-00051 (Maize DP51291)
- g. EFSA-Q-2023-00084 (Oilseed rape MON 94100×MON 88302×RF3)
- h. EFSA-Q-2023-00106 (Maize MON94804)

AOB

None

VIII. Next meeting

The next hybrid meeting will be held on 23-24 January 2024, online.

23 November 2023, 10:00-12:00
MINUTES - Agreed on 23 November 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernández Dumont, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou and Reinhilde Schoonjans
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-Q-2023-00664 (Protein Safety Assessment)

The sub-Working group discussed the mandate. Further discussion is needed.

V. Any other business

None

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

142nd Working Group meeting on FOOD & FEED SAFETY
11 October 2023



10:00-17:00
MINUTES – Agreed on 11 October 2023

Location: Online

Attendees:

- o Working Group Members:
 - FF WG: Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - None
- o Hearing expert:
 - None
- o EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Andrea Gennaro, Aina Belén Gil González, Tilemachos Goumperis, Paschalina Grammatikou, Reinhilde Schoonjans and Kyriaki Xiftou
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Robin Ornsrud for the entire day and from Ian Dewhurst for the afternoon session.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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 before the beginning of the meeting.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 141st Working Group meeting held on 18-19 September 2023, Tele/WEB.

The minutes of the 141st Working Group meeting held on 18-19 September 2023 were agreed.³

V. Scientific topics on applications for discussion

- a. EFSA-GMO-ES-2017-147 (Cotton GHB614 x T304-40 x GHB119 x COT102)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-BE-2018-155 (Cotton T304-40xGHB119xCOT102)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- d. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)**
The Working group discussed the application. Further discussion is needed.
- e. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.
- f. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-Q-2022-00409 (Maize DP910521)**
The Working group discussed the application. Further discussion is needed.
- h. EFSA-Q-2022-00410 (Maize DAS1131)**
The Working group discussed the application. Further discussion is needed.
- i. EFSA-Q-2022-00575 (Soybean MON94313)**
The Working group discussed the application. Further discussion is needed.
- j. EFSA-Q-2023-00106 (Maize MON94804)**
The Working group discussed the application. Further discussion is needed.

VI. Any other business and generic mandates received from EC

- Protein safety assessment
- Updates on Application EFSA-GMO-NL-2019-162
- Dates of next year FFWG meetings

VII. Preparatory meetings

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



Since the last Food and Feed WG meeting, the following preparatory meetings chaired by EFSA staff also were held:

- **Preparatory meeting on human nutrition and exposure**

Date: 10/10/2023

WG members: Jean-Louis Bresson, Thomas Frenzel

EFSA:

- Nutrition and Food Innovation Unit: Aina Belén Gil González, Tilemachos Goumperis and Kyriaki Xiftou
- Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

Applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)
- b. EFSA-Q-2022-00330 (Maize MON95275)
- c. EFSA-Q-2022-00409 (Maize DP910521)
- d. EFSA-Q-2022-00410 (Maize DAS1131)
- e. EFSA-Q-2022-00575 (Soybean MON94313)
- f. EFSA-Q-2023-00106 (Maize MON94804)

VIII. Next meeting

The next hybrid meeting will be held on 27-28 November 2023, in Parma.

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

141st Working Group meeting on FOOD & FEED SAFETY
18-19 September 2023



10:00-17:00

MINUTES – Agreed on 19 September 2023

Location: Online

Attendees:

- o Working Group Members:
 - FF WG: Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - Olga Orlova
- o Hearing expert:
 - Sergio Caroli
- o EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Tilemachos Goumperis, Paschalina Grammatikou, Aleksandra Lewandowska, Franco Maria Neri, Nikoletta Papadopoulou, Reinhilde Schoonjans and Kyriaki Xiftou
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Hanspeter Naegeli on 18-19 September 2023 only for the morning sections, from Ian Dewhurst on 19 September 2023 for the afternoon session, and from Jean-Louis Bresson for both days (DOIs were not cleared before the meeting).

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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 before the beginning of the meeting.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 140th Working Group meeting held on 26-27 June 2023, Tele/WEB.

The minutes of the 140th Working Group meeting held on 26-27 June 2023 were agreed.³

V. Scientific topics on applications for discussion

- a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-NL-2019-163 (Maize DP-023211-2)**
The Working group did not discuss the application due to lack of time.
- d. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.
- e. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- f. EFSA-Q-2022-00410 (Maize DAS1131)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-Q-2022-00575 (Soybean MON94313)**
The Working group discussed the application. Further discussion is needed.
- h. EFSA-Q-2023-00051 (Maize DP51291)**
The Working group discussed the application. Further discussion is needed.
- i. EFSA-Q-2023-00084 (Oilseed rape MON94100 × MON88302 × RF3 and its sub-combinations)**
The Working group discussed the application. Further discussion is needed.
- j. EFSA-Q-2023-00106 (Maize MON94804)**
The Working group discussed the application. Further discussion is needed.

VI. Any other business and generic mandates received from EC

- Presentation and endorsement of the 90-day tox study checklist.
- Updates on applications EFSA-GMO-NL-2019-159; EFSA-GMO-NL-2019-AP162; GMFF-2021-2473; GMFF-2022-9170; GMFF-2022-9450.
- Updates on Preparatory meetings – change of admin steps.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



VII. Next meeting

The next meeting will be held on 10-11 October 2023, online.

11 September 2023, 10:00-12:00
MINUTES - Agreed on 11 September 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members: none
- o Hearing Experts: Sergio Caroli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Paschalina Grammatikou and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)

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

V. Any other business

None

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

6 September 2023, 12:30-15:30
MINUTES - Agreed on 6 September 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Frits Koning, Javier Moreno, Hanspeter Naegeli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou, and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Ian Dewhurst for the afternoon section.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

b. GMFF-2022-5890 (Maize MON95275)

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

c. GMFF-2022-6595 (Soybean MON 94313)

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

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



V. Any other business

- AP160

10 August 2023, 10:00-12:00
MINUTES - Agreed on 10 August 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst and Ivan Dimitrov
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou, Tommaso Raffaello and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. GMFF-2022-5890 (Maize MON95275)

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

b. GMFF-2022-6595 (Soybean MON 94313)

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

V. Any other business

none

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

27 July 2023, 10:00-13:00 / 14:00-17:00
MINUTES - Agreed on 27 July 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members: none
- o Hearing Experts: Sergio Caroli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou, Pietro Piffanelli and Kyriaki Xiftou
 - FDP Team Advice Unit: Ellen Van Haver
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)

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

V. Any other business

- Overview of EFSA GLP TASKFORCE activities
- Diet formulation on 90-day studies
- Checklist on 90-day studies

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

19 July 2023, 14:00-16:00
MINUTES - Agreed on 19 July 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Javier Moreno, Hanspeter Naegeli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Paschalina Grammatikou, and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Frits Koning.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)

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

b. EFSA-Q-2022-00330 (Maize MON95275)

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

V. Any other business

- Statement on the Protein Safety Assessment

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

140th Working Group meeting on FOOD & FEED SAFETY
26-27 June 2023



10:00-17:00
MINUTES – Agreed on 27 June 2023

Location: Online

Attendees:

- o Working Group Members:
 - FF WG: Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- o European Commission and/or Member States representatives:
 - Olga Orlova
- o Hearing expert:
 - None
- o EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Ana Martin Camargo, Antonio Fernandez Dumont, Andrea Gennaro, Tilemachos Goumperis, Paschalina Grammatikou, Franco Maria Neri, Giacomo de Sanctis, Reinhilde Schoonjans and Kyriaki Xiftou

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Frits Koning on 26-27 May 2023 and from Giovanni Savoini on 27 May 2023, in the afternoon.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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 before the beginning of the meeting.

IV. Agreement of the minutes of the 139th Working Group meeting held on 24-25 May 2023, Tele/WEB.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



The minutes of the 139th Working Group meeting held on 24-25 May 2023 were agreed.³

V. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

b. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)

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

c. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

d. EFSA-GMO-NL-2019-163 (Maize DP-023211-2)

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

e. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)

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

f. EFSA-Q-2022-00409 (Maize DP910521)

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

VI. Any other business and generic mandates received from EC

- Updates on EFSA-GMO-BE-2018-155 /EFSA-GMO-NL-2019-158/ EFSA-GMO-NL-2020-172
- EFSA-Q-2023-00106 (Maize MON94804)
- Protein safety assessment

VII. Next meeting

The next meeting will be held on 18-19 September 2023, online.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

SUB MEETING ON ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

19 June 2023, 10:00-12:00
MINUTES - Agreed on 19 June 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Javier Moreno and Michelle Epstein.
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Antonio Fernandez
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

1 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

2 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



MEETING AGENDA / MINUTES 19 June 2023
SUB MEETING ON ALLERGENICITY ASSESSMENT OF THE WORKING GROUP
ON FOOD & FEED SAFETY

V. Any other business

- None.

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

SUB MEETING ON TOXICOLOGY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

19 June 2023, 09:00-13:00
MINUTES - Agreed on 19 June 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone and Paschalina Grammatikou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

b. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

1 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

2 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



c. GMFF-2022-5890 (Maize MON95275)

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

V. Any other business

- Checklist on 90-day studies
- Overview of 28-day studies through applications submitted to EFSA
- Overview of insecticidal proteins in applications submitted to EFSA
- Overview of the PAT/pat and PAT/bar protein

**MINUTES OF THE SUB MEETING ON HUMAN NUTRITION &
EXPOSURE ASSESSMENT OF THE WORKING GROUP ON
FOOD & FEED SAFETY**

14 June 2023, 16:00-17:00
Agreed on 14 June 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Thomas Frenzel, Moreno Javier, Giovanni Savoini
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Tilemachos Goumperis, Michele Ardizzone, Antonio Fernandez, Giacomo De Sanctis
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)

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

V. Any other business

- none

1 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

2 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

139th Working Group meeting on FOOD & FEED SAFETY
24-25 May 2023



10:00-17:00
MINUTES – Agreed on 25 May 2023

Location: Online

Attendees:

o Working Group Members:

Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Hanspeter Naegeli, Frits Koning, Javier Moreno, Robin Ornsrud, Giovanni Savoini,

o European Commission and/or Member States representatives:

None

o Hearing expert:

Jose Juan Sánchez Serrano

o EFSA:

Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez DUMONT, Tilemachos Goumperis, Paschalina Grammatikou, Dafni Maria Kagkli, Aleksandra Lewandowska, Nikoletta Papadopoulou, Giacomo de Sanctis, Reinhilde Schoonjans and Kyriaki Xiftou

Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Frits Koning on 25 May 2023.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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. Certain new 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 I.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 138th Working Group meeting held on 26-27 April 2023, Tele/WEB.

The minutes of the 138th Working Group meeting held on 26-27 April 2023 were agreed.³

V. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

b. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)

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

c. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)

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

d. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

e. EFSA-Q-2022-00575 (Soybean MON 94313)

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

VI. Any other business and generic mandates received from EC

- Protein safety assessment

VII. Next meeting

The next meeting will be held on 26-27 June 2023, online.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



Annex I

Interests and actions resulting from the Oral Declaration of Interest done at the beginning of the meeting

With regard to this meeting, Dr Dewhurst declared the following interest already declared in the previous meeting: participation to a project on the screening of contaminants in the food supply, from the UK Food Standards Agency. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, the interest above was not deemed to represent a Conflict of Interest for the expert concerned.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

138th Working Group meeting on FOOD & FEED SAFETY
26-27 April 2023



10:00-17:00
MINUTES – Agreed on 27 April 2023

Location: Parma

Attendees:

o Working Group Members:

Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Hanspeter Naegeli, Frits Koning, Javier Moreno, Robin Ornsrud and Giovanni Savoini

o European Commission and/or Member States representatives:

Olga Orlova

o Hearing expert:

None

o EFSA:

Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Andrea Gennaro, Tilemachos Goumperis, Paschalina Grammatikou, Aleksandra Lewandowska, Reinhilde Schoonjans and Kyriaki Xiftou

Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Giovanni Savoini on 27 April 2023 and Hanspeter Naegeli on 27 April 2023, in the afternoon.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management,² 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. Certain new 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 I.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



IV. Agreement of the minutes of the 137th Working Group meeting held on 13-14 March 2023, Tele/WEB.

The minutes of the 137th Working Group meeting held on 13-14 March 2023 were agreed.³

V. Scientific topics on applications for discussion

- a. EFSA-GMO-DE-2017-141 (Cotton COT102)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)**
The Working group discussed the application. Further discussion is needed.
- d. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)**
The Working group discussed the application. Further discussion is needed.
- e. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)**
The Working group discussed the application. Further discussion is needed.
- f. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-Q-2022-00409 (Maize DP910521)**
The Working group discussed the application. Further discussion is needed.
- h. EFSA-Q-2022-00410 (Maize DAS1131)**
The Working group discussed the application. Further discussion is needed.

VI. Any other business and generic mandates received from EC

- Protein safety assessment

VII. Next meeting

The next meeting will be held on 24-25 May 2023, online.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>



Annex I

Interests and actions resulting from the Oral Declaration of Interest done at the beginning of the meeting

With regard to this meeting, Dr Dewhurst declared the following interest: participation to a project on the screening of contaminants in the food supply, from the UK Food Standards Agency. In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, and taking into account the specific matters discussed at the meeting in question, the interest above was not deemed to represent a Conflict of Interest for the expert concerned.

⁴ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

⁵ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Thomas Frenzel and Jean-Louis Bresson
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Tilemachos Goumperis
 - MESE Unit: Jose Ángel Gómez Ruiz
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

- a. **EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The sub-Working group discussed the application. Further discussion is needed.
- b. **EFSA-GMO-NL-2019-159 (Maize DP-202216-6)**
The sub-Working group discussed the application. Further discussion is needed.
- c. **EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)**
The sub-Working group discussed the application. Further discussion is needed.
- d. **EFSA-Q-2022-00330 (Maize MON 95275)**
The sub-Working group discussed the application. Further discussion is needed

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



MEETING AGENDA / MINUTES 21 April 2023

THE SUB MEETING ON HUMAN NUTRITION & EXPOSURE ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

e. EFSA-Q-2022-00409 Maize DP910521

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

f. EFSA-Q-2022-00410 (AP175) Maize DAS1131

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

V. Any other business

- none



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

SUB MEETING ON TOXICOLOGY / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY



3 April 2023, 10:00-12:00 / 13:00-15:00
MINUTES - Agreed on 3 April 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Frits Koning, Javier Moreno, Hanspeter Naegeli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou, and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2017-141 (Cotton COT102)

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

b. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

c. EFSA-Q-2022-00410 (Maize DAS1131)

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

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



V. Any other business

- Protein safety
- Checklist on 90-day studies

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

137th Working Group meeting on FOOD & FEED SAFETY
13-14 March 2023



14:00-18:00 / 09:00-17:00
MINUTES – Agreed on 14 March 2023

Location: Parma

Attendees:

o Working Group Members:

Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Hanspeter Naegeli, Frits Koning, Javier Moreno, Robin Ornsrud and Giovanni Savoini

o European Commission and/or Member States representatives:

None

o Hearing expert:

Sergio Caroli

o EFSA:

Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Tilemachos Goumperis, Paschalina Grammatikou, Ana Martin Camargo, Reinhilde Schoonjans and Kyriaki Xiftou

Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Robin Ornsrud and Hanspeter Naegeli on 14 March 2023.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Agreement of the minutes of the 136th Working Group meeting held on 17-18 January 2023, Tele/WEB.

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



The minutes of the 136th Working Group meeting held on 17-18 January 2023 were agreed.³

V. Scientific topics on applications for discussion

- a. **EFSA-GMO-DE-2017-141 (Cotton COT102)**
The Working group discussed the application. Further discussion is needed.
- b. **EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- c. **EFSA-GMO-NL-2019-158 (Canola RF3)**
The Working group discussed the application. Further discussion is needed.
- d. **EFSA-GMO-NL-2019-159 (Maize DP-202216-6)**
The Working group discussed the application. Further discussion is needed.
- e. **EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)**
The Working group discussed the application. Further discussion is needed.
- f. **EFSA-GMO-NL-2019-163 (Maize DP-023211-2)**
The application has not been discussed, due to the lack of time.
- g. **EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.

VI. Any other business and generic mandates received from EC

- Environmental Risk Assessment
- Protein Safety Assessment
- Good Laboratory Practices

VII. Next meeting

The next meeting will be held on 26-27 April 2023, online.

³ <http://www.efsa.europa.eu/en/gmo/working-groups>

⁴ <https://www.biorxiv.org/content/10.1101/2022.04.13.488147v2>

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Thomas Frenzel and Jean-Louis Bresson
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Tilemachos Goumperis and Kyriaki Xiftou
 - MESE Unit: Jose Ángel Gómez Ruiz
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

- a. EFSA-GMO-DE-2017-141 (Cotton COT102)**
The sub-Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)**
The sub-Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)**
The sub-Working group discussed the application. Further discussion is needed.
- d. EFSA-Q-2022-00330 (Maize MON 95275)**
The sub-Working group discussed the application. Further discussion is needed

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



MEETING AGENDA / MINUTES 3 March 2023

THE SUB MEETING ON HUMAN NUTRITION & EXPOSURE ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

e. EFSA-Q-2022-00575 (Soybean MON 94313)

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

V. Any other business

- none



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

SUB MEETING ON TOXICOLOGY / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY



1 March 2023, 10:00-13:00 / 14:00-16:00
MINUTES - Agreed on 1 March 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Frits Koning, Javier Moreno, Hanspeter Naegeli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou, and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2017-141 (Cotton COT102)

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

b. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

c. EFSA-GMO-NL-2019-158 (RF3 Canola)

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

d. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)

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

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



e. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

f. EFSA-Q-2022-00330 (Maize MON95275)

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

g. EFSA-Q-2022-00410 (Maize DAS1131)

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

h. EFSA-GMO-RX-024 (Canola MS8, RF3 and MS8 x RF3)

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

V. Any other business

- Dates of next subtox/allerg meetings

1 February 2023, 10:00-13:00 / 14:00-16:00
MINUTES - Agreed on 1 February 2023

Nutrition and Food Innovation Unit

Location: Online

Attendees:

- o Working Group Members:
 - Ian Dewhurst, Michelle Epstein, Javier Moreno, Hanspeter Naegeli
- o European Commission and/or Member States representatives: none
- o EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou, Tommaso Raffaello and Kyriaki Xiftou
- o Others: none

I. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Koning Frits.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Scientific topics on applications for discussion

a. EFSA-GMO-DE-2017-141 (Cotton COT102)

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

b. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

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

c. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)

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

d. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

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

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



e. EFSA-Q-2022-00330 (Maize MON95275)

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

f. EFSA-Q-2022-00410 (Maize DAS1131)

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

V. Any other business

None

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

136th Working Group meeting on FOOD & FEED SAFETY
17-18 January 2023



10:00-17:00

MINUTES – Agreed on 18 January 2023

Location: Online

Attendees:

o Working Group Members:

Jean-Louis Bresson, Ian Dewhurst, Ivan Dimitrov, Michelle Epstein, Thomas Frenzel, Hanspeter Naegeli, Frits Koning, Javier Moreno, Robin Ornsrud and Giovanni Savoini

o European Commission and/or Member States representatives:

EC: Olga Orlova

o EFSA:

Nutrition and Food Innovation Unit: Michele Ardizzzone, Antonio Fernandez Dumont, Andrea Gennaro, Tilemachos Goumperis, Paschalina Grammatikou, Aleksandra Lewandowska, Tommaso Raffaello, Giacomo De Sanctis, Reinhilde Schoonjans and Kyriaki Xiftou

Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

I. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received from Javier Moreno.

II. Adoption of agenda

The agenda was adopted without changes.

III. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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.

IV. Agreement of the minutes of the 135th Working Group meeting held on 14-15 November 2022, Tele/WEB.

The minutes of the 135th Working Group meeting held on 14-15 November 2022 were agreed.³

V. Scientific topics on applications for discussion

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

³ <http://www.efsa.europa.eu/en/gmo/working-groups>



- a. EFSA-GMO-DE-2017-141 (Cotton COT102)**
The Working group discussed the application. Further discussion is needed.
- b. EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)**
The Working group discussed the application. Further discussion is needed.
- c. EFSA-GMO-DE-2019-157 (Canola LBFLFK)**
The Working group discussed the application. Further discussion is needed.
- d. EFSA-GMO-NL-2019-158 (Canola RF3)**
The Working group discussed the application. Further discussion is needed.
- e. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)**
The Working group discussed the application. Further discussion is needed.
- f. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)**
The Working group discussed the application. Further discussion is needed.
- g. EFSA-GMO-NL-2019-163 (Maize DP-023211-2)**
The Working group did not discuss the application due to lack of time.
- h. EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)**
The Working group discussed the application. Further discussion is needed.
- i. EFSA-GMO-NL-2020-172 (Maize DP-915635-4)**
The Working group discussed the application. Further discussion is needed.
- j. EFSA-Q-2022-00330 (Maize MON95275)**
The Working group discussed the application. Further discussion is needed.
- k. EFSA-GMO-RX-024 (Canola Ms8, Rf3 and Ms8 x Rf3)**
The Working group discussed the application. Further discussion is needed.

VI. Any other business and generic mandates received from EC

The Working Group discussed on scientific publications mentioned in public comments of recently adopted EFSA GMO scientific opinions.

VII. Next meeting

The next meeting will be held on 13-14 March 2023, in Parma.

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOXICOLOGY / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 15 December 2022, TELE/WEB
(Agreed on 15 December 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Hanspeter Naegeli, Michelle Epstein and Javier Moreno
- Hearing Experts¹: none
- European Commission and/or Member States representatives: none
- EFSA:
 - NIF Unit: Michele Ardizzone, Antonio Fernandez, Paschalina Grammatikou and Kyriaki Xiftou
- Others: none

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Koning Frits.

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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

¹ 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 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4. Scientific topic(s) for discussion

4.1. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)

The sub-working group discussed the application. Further discussion is needed.

4.3. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-RX-024 (Canola Ms8, Rf3 and Ms8 x Rf3)

The sub-working group discussed the application. Further discussion is needed.

4.5. GLP and Tox Checklist

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

5.1 EFSA-GMO-BE-2019-165 (Soyabean DBN09004-6)

The sub-working group discussed the application. Further discussion is needed.



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOXICOLOGY / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 21 November 2022, TELE/WEB
(Agreed on 21 November 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Michelle Epstein, Koning Frits, Javier Moreno, Hanspeter Naegeli
- Hearing Experts¹: none
 - European Commission and/or Member States representatives: none
- EFSA:
 - NIF Unit: Michele Ardizzzone, Antonio Fernandez, Tilemachos Goumperis, Paschalina Grammatikou and Kyriaki Xiftou
- Others: none

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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

¹ 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 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



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. Scientific topic(s) for discussion

4.1. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)

The sub-working group did not discuss the application due to lack of time.

4.3. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-RX-024 (Canola Ms8, Rf3 and Ms8 x Rf3)

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

None



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 135th MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 14-15 November 2022, TELE/WEB
(Agreed on 15 November 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Ian Dewhurst, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Robin Ornsrud and Giovanni Savoini
- *Ad hoc* Experts¹:
 - Ivan Dimitrov as a hearing expert
- European Commission and/or Member States representatives:
 - Olga Orlova
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Andrea Gennaro, Tilemachos Goumperis, Paschalina Grammatikou, Dafni Kagkli, Reinhilde Schoonjans and Kyriaki Xiftou
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Hanspeter Naegeli. Robin Ornsrud participated on 14 November only. Giovanni Savoini did not participate on 14 November PM.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 134th Working Group meeting held on 13 October 2022 via TELE/WEB

The minutes of the 134th Working Group meeting held on 13 October 2022 were agreed.

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)⁴

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

5.2 EFSA-GMO-NL-2017-140 (Maize MON 87419)⁵

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

5.3 EFSA-GMO-DE-2017-141 (Cotton COT102)⁶

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)⁷

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

5.5 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁸

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

5.6 EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)⁹

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

5.7 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)¹⁰

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

5.8 EFSA-GMO-NL-2020-172 (Maize DP-915635-4)¹¹

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

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2016-00775>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00263>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00271>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00572>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00834>



5.9 Animal dietary exposure

The Working Group discussed the draft statement for animal dietary exposure in the risk assessment of feed derived from genetically modified plants (EFSA-Q-2022-00433). Further discussion is needed.

6. Any other business

- Ivan Dimitrov presented *in silico* tools for immunogenicity.
- The Working group discussed on safety assessment of proteins.
- Meeting dates for 2023.

7. Next meeting

17-18 January 2023, hybrid meeting.



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 3 November 2022, TELE/WEB
(Agreed on 3 November 2022)**

Participants

- Working Group Members:
 - Giovanni Savoini and Robin Ornsrud
- Hearing Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone and Paschalina Grammatikou
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 Animal dietary exposure in the risk assessment of feed derived from genetically modified plants (Question number: EFSA-Q-2022-00433)

The sub-working group discussed the document. Further discussion is needed.

4.2 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)

The sub-working group discussed the document. Further discussion is needed.

4.3 EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the document. Further discussion is needed.

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

The sub-working group discussed the document. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB WG MEETING ON NUTRITION - TOXICOLOGY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 27 October 2022, TELE/WEB
(Agreed on 27 October 2022)**

Participants

- Working Group Members:
 - Thomas Frenzel and Ian Dewhurst
- Hearing Experts¹: none
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone, Tilemachos Goumperis and Paschalina Grammatikou
 - Others: None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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

¹ 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 http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



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. Scientific topic(s) for discussion

4.1. **EFSA-GMO-DE-2017-141 (Cotton COT102)**

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

None

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB WG MEETING ON HUMAN NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 24 October 2022, TELE/WEB
(Agreed on 24 October 2022)**

Participants

- Working Group Members:
 - Thomas Frenzel and Jean-Louis Bresson
- Hearing Experts¹:
 - none
- European Commission and/or Member States representatives:
 - none
- EFSA:
 - Jose Ángel Gómez Ruiz, Tilemachos Goumperis
- Others:
 - Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-DE-2019-157 (Canola LBFLFK)⁴

The sub-working group discussed the application. Further discussion is needed.

4.2 EFSA-GMO-DE-2019-162 (Soy Leghemoglobin produced from genetically modified *Pichia pastoris*)⁵

The sub-working group discussed the application. Further discussion is needed.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOXICOLOGY / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 20 October 2022, TELE/WEB
(Agreed on 20 October 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Hanspeter Naegeli and Javier Moreno
- Hearing Experts¹: none
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone, Tilemachos Goumperis, Paschalina Grammatikou and Antonio Fernandez
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. **EFSA-GMO-DE-2016-137 (Maize GA21 x T25)**

The sub-working group discussed the application. Further discussion is needed.

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

The sub-working group discussed the application. Further discussion is needed.

4.3. **EFSA-GMO-DE-2017-141 (Cotton COT102)**

The sub-working group discussed the application. Further discussion is needed.

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

The sub-working group discussed the application. Further discussion is needed.

4.5. **EFSA-GMO-DE-2019-157 (Canola LBFLFK)**

The sub-working group discussed the application. Further discussion is needed.

4.6. **EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)**

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

None

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 134th MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 13 October 2022, TELE/WEB
(Agreed on 13 October 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Ian Dewhurst, Michelle Epstein, Thomas Frenzel, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- *Ad hoc* Experts¹:
 - None
- European Commission and/or Member States representatives:
 - Olga Orlova
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Tilemachos Goumperis and Paschalina Grammatikou
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Frits Koning.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 133rd Working Group meeting held on 12-13 September 2022 via TELE/WEB

The minutes of the 133rd Working Group meeting held on 12-13 September 2022 were agreed.

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)⁴

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

5.2 EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)⁵

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

5.3 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁶

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

5.4 Animal dietary exposure

The Working Group discussed the draft statement for animal dietary exposure in the risk assessment of feed derived from genetically modified plants (EFSA-Q-2022-00433). Further discussion is needed.

6. Any other business

Update of the status of risk assessment for applications AP140 and 141 was given.

7. Next meeting

14-15 November 2022, hybrid meeting.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2016-00775>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 10 October 2022, TELE/WEB
(Agreed on 10 October 2022)**

Participants

- Working Group Members:
 - Giovanni Savoini and Robin Ornsrud
- Hearing Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone and Paschalina Grammatikou
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 GMO panel statement on animal dietary exposure

The sub-working group discussed the document. Further discussion is needed.

4.2 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)

The sub-working group discussed the document. Further discussion is needed.

4.3 EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the document. Further discussion is needed.

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

The sub-working group discussed the document. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 04 October 2022, TELE/WEB
(Agreed on 04 October 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Giovanni Savoini
- Hearing Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone and Paschalina Grammatikou
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. **GMO panel statement on animal dietary exposure**

The sub-working group discussed the document. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOXICOLOGY / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 26 September 2022, TELE/WEB
(Agreed on 26 September 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Hanspeter Naegeli and Javier Moreno
- Hearing Experts¹: none
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone, Paschalina Grammatikou, Tilemachos Goumperis and Antonio Fernandez
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-DE-2016-137 (Maize GA21 x T25)

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the application. Further discussion is needed.

4.3. EFSA-GMO-DE-2017-141 (Cotton COT102)

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

The sub-working group discussed the application. Further discussion is needed.

4.5. EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)

The sub-working group discussed the application. Further discussion is needed.

4.6. EFSA-GMO-NL-2019-161 (Maize MON 87429)

The sub-working group discussed the application. Further discussion is needed.

4.7. EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)

The sub-working group discussed the application. Further discussion is needed.

4.8. EFSA-GMO-NL-2020-170 (Maize MON 95379)

The sub-working group discussed the application. Further discussion is needed.

4.9. EFSA-GMO-NL-2020-172 (Maize DP-915635-4)

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

5.1 GLP Update

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 133rd MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 12-13 September 2022, TELE/WEB
(Agreed on 13 September 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli, Robin Ornsrud and Giovanni Savoini
- *Ad hoc* Experts¹:
 - None
- European Commission and/or Member States representatives:
 - Olga Orlova
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzzone, Antonio Fernandez Dumont, Tilemachos Goumperis, Paschalina Grammatikou, Paolo Lenzi, Aleksandra Lewandowska, Franco Maria Neri, Estefania Noriega Fernandez and Tommaso Raffaello
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
 - Food Ingredients and Packaging Unit: Laura Ruggeri
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Ian Dewhurst.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 132nd Working Group meeting held on 7-8 June 2022 via TELE/WEB

The minutes of the 132nd Working Group meeting held on 7-8 June 2022 were agreed.⁴

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-DE-2016-137 (Maize GA21 x T25)⁵

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

5.2 EFSA-GMO-NL-2017-140 (Maize MON 87419)⁶

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

5.3 EFSA-GMO-DE-2017-141 (Cotton COT102)⁷

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)⁸

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

5.5 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁹

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

5.6 EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)¹⁰

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

5.7 EFSA-GMO-NL-2019-161 (Maize MON 87429)¹¹

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

5.8 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin preparation)¹²

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://www.efsa.europa.eu/sites/default/files/wgs/gmo/wg-applications-foodfeed-2018-2021.pdf>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2016-00775>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00263>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00271>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00572>

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00628>

¹² <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>



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

5.9 EFSA-GMO-NL-2020-170 (Maize MON 95379)¹³

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

5.10 EFSA-GMO-NL-2020-171 (Maize DP4114xMON89034xMON87411xDAS-40278-9)¹⁴

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

5.11 EFSA-GMO-NL-2020-172 (Maize DP-915635-4)¹⁵

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

5.12 Application RX-026/02 (Oilseed rape GT73)¹⁶

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

6. Any other business

A series of aspects were discussed related to post-market monitoring, the new genomic techniques mandate, the cisgenesis mandate, general aspects of several renewal applications and animal dietary exposure.

7. Next meeting

13 October 2022, hybrid meeting.

¹³ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00786>

¹⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00833>

¹⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00834>

¹⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00283>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 6 September 2022, TELE/WEB
(Agreed on 6 September 2022)**

Participants

- Working Group Members:
 - Michelle Epstein, Javier Moreno and Frits Koning.
- Hearing Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Antonio Fernandez Dumont.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-DE-2019-157 (Canola LBFLFK)⁴

The sub-working group discussed the application. Further discussion is needed.

4.2 EFSA-GMO-NL-2019-160 (Oilseed rape NS-B50027-4)⁵

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

Protein safety.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00572>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB WG MEETING ON HUMAN NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 5 September 2022, TELE/WEB
(Agreed on 5 September 2022)**

Participants

- Working Group Members:
 - Thomas Frenzel and Jean-Louis Bresson
- Hearing Experts¹:
 - none
- European Commission and/or Member States representatives:
 - none
- EFSA:
 - Jose Ángel Gómez Ruiz, Tilemachos Goumperis
- Others:
 - Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the application. Further discussion is needed.

4.2 EFSA-GMO-DE-2017-141 (Cotton COT102)

The sub-working group discussed the application. Further discussion is needed.

4.3 EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON 89034 x 5307 x GA21)

The sub-working group discussed the application. Further discussion is needed.

4.4 EFSA-GMO-NL-2019-160 (NS-B50027-4 oilseed rape)

The sub-working group discussed the application. Further discussion is needed.

4.5 EFSA-GMO-NL-2020-171 (DP4114 x MON 89034 x MON 87411 x DAS-40278-9 maize)

The sub-working group discussed the application. Further discussion is needed.

4.6 EFSA-GMO-NL-2020-172 (maize DP-915635-4)

The sub-working group discussed the application. Further discussion is needed.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



NUTRITION AND FOOD INNOVATION UNIT

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 05 August 2022, TELE/WEB
(Agreed on 05 August 2022)**

Participants

- Working Group Members:
 - Robin Ornsrud
- Hearing Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. [EFSA-GMO-DE-2019-157](#) (LBFLFK canola)

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOXICOLOGY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 15 July 2022, TELE/WEB
(Agreed on 15 July 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Hanspeter Naegeli
- Hearing Experts¹: none
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone , Paschalina Grammatikou, Aleksandra Lewandowska and Nikoletta Papadopoulou
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-DE-2017-141 (Cotton COT102)

The sub-working group discussed the application. Further discussion is needed.

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

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-DE-2019-157 (Canola LBFLFK)

The sub-working group discussed the application. Further discussion is needed.

4.5. EFSA-GMO-NL-2019-161 (Maize MON 87429)

The sub-working group discussed the application. Further discussion is needed.

4.6. EFSA-GMO-NL-2020-170 (Maize MON 95379)

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 05 July 2022, TELE/WEB
(Agreed on 05 July 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Giovanni Savoini and Simone Tosi
- Hearing Experts¹:
 - Robin Ornsrud
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - NIF Unit: Michele Ardizzone and Paschalina Grammatikou
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. **GMO panel statement on animal dietary exposure**

The sub-working group discussed the document. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 16 June 2022, TELE/WEB
(Agreed on 16 June 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Hanspeter Naegeli
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE: none
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Tilemachos Goumperis, Paschalina Grammatikou and Reinhilde Schoonjans (Item 4.4).
 - Food Ingredients and Packaging Unit: Laura Ruggeri (Item 4.4)
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-DE-2019-157 (LBFLFK canola)

The sub-working group discussed the application. Further discussion is needed.

4.3. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-NL-2019-162 (Soy LEGHEMOGLOBIN)

The sub-working group discussed the application. Further discussion is needed.

4.5. EFSA-GMO-NL-2020-170 (Maize MON 95379)

The sub-working group discussed the application. Further discussion is needed.

4.6. EFSA-GMO-NL-2020-172 (Maize DP-915635-4)

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

Nothing to report

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 13 June 2022, TELE/WEB
(Agreed on 13 June 2022)**

Participants

- Working Group Members:
 - Giovanni Savoini and Ian Dewhurst
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE: none
- EFSA:
 - GMO Unit: Michele Ardizzone and Paschalina Grammatikou
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. **GMO panel statement on animal dietary exposure**

The sub-working group discussed the document. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 132nd MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 7-8 June 2022, TELE/WEB
(Agreed on 8 June 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Ian Dewhurst, Michelle Epstein, Thomas Frenzel, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini
- *Ad hoc* Experts¹:
 - Lieve Herman
- European Commission and/or Member States representatives:
 - Olga Orlova
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Andrea Gennaro, Tilemachos Goumperis, Paschalina Grammatikou, Franco Maria Neri, Estefania, Noriega Fernandez, Tommaso Raffaello and Reinhilde Schoonjans.
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
 - Biological Hazards & Animal Health and Welfare Unit: Sandra Correia
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Frits Koning.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 131st Working Group meeting held on 26-27 April via TELE/WEB

The minutes of the 131st Working Group meeting held on 26-27 April 2022 were agreed.⁴

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-NL-2017-140 (Maize MON 87419)⁵

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

5.2 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁶

The Working Group discussed the application. An Applicant's Hearing was held (see Annex 1). Further discussion is needed.

5.3 EFSA-GMO-NL-2019-158 (RF3 Canola Quality *Brassica juncea*)⁷

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

5.4 EFSA-GMO-NL-2019-161 (Maize MON 87429)⁸

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

5.5 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin preparation)⁹

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

5.6 EFSA-GMO-NL-2020-169 (Oilseed rape MON94100)¹⁰

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

5.7 EFSA-GMO-NL-2020-170 (Maize MON 95379)¹¹

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

5.8 EFSA-GMO-NL-2020-171 (Maize DP4114xMON89034xMON87411xDAS-40278-9)¹²

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://www.efsa.europa.eu/sites/default/files/wgs/gmo/wg-applications-foodfeed-2018-2021.pdf>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00263>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00412>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00628>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00749>

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00786>

¹² <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00833>



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

5.9 EFSA-GMO-NL-2020-172 (Maize DP-915635-4)¹³

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

5.10 Application RX-026/02 (Oilseed rape GT73)¹⁴

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

5.11 Mandate Soybean 40-3-2¹⁵

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

6. Any other business

A series of aspects were discussed related to the new genomic techniques mandate, general aspects of several renewal applications, animal dietary exposure and celiac disease software tool (a preparatory meeting was organised on 13th May 2022; Javier Moreno and Frits Koning were involved).

7. Next meeting

12-13 September 2022, hybrid meeting.

¹³ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00834>

¹⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00283>

¹⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00556>



Annex 1

Applicant's Hearing

Mr. Shawn Motyka, Steven Breazeale, Mrs. Pei-ying Wu, Mrs. Elizabeth Lipscomb, Mr. Jordan Sottosanto, Mrs. Sasi Wilhelmi and Mr. Steven Verhaeghe were invited to present their views to elaborate on the specific questions they were called upon to answer solely for item 5.2 – Application EFSA-GMO-DE-2019-157 (LBFLFK canola) of the present meeting on behalf of the applicant BASF. They attended the meeting on 8 June 2022 from 15:00 to 16:00 (CET time).

In accordance with EFSA's Independence Policy 2017 and implementing rules¹⁶ and the Decision of the Executive Director of the European Food Safety Authority on Competing Interest Management¹⁷, EFSA invited Mr. Shawn Motyka, Steven Breazeale, Mrs. Pei-ying Wu, Mrs. Elizabeth Lipscomb, Mr. Jordan Sottosanto, Mrs. Sasi Wilhelmi and Mr. Steven Verhaeghe to submit an ADoI. 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.

Scientific topic(s) for discussion - EFSA-GMO-DE-2019-157 (LBFLFK canola)¹⁸

Upon request from EFSA, the applicant was given the opportunity to further clarify the toxicological and allergenicity assessment of proteins newly expressed in LBFLFK canola. The clarification discussion was in line with the GMO Panel request for additional information received on 8 December 2020 [Stop-the-clock 4 - question 1-2] and on 12 January 2022 [Stop-the-clock 8 - question 1]. After the Applicant's Hearing ended, and the applicant's representatives left the Working Group meeting, the clarifications provided by the applicant were discussed. EFSA will follow up by providing the applicant with a written summary of the points discussed and of the ongoing assessment activities.

¹⁶ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

¹⁷ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

¹⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ANIMAL NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 31 May 2022, TELE/WEB
(Agreed on 31 May 2022)**

Participants

- Working Group Members:
 - Giovanni Savoini and Ian Dewhurst
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE: none
- EFSA:
 - GMO Unit: Michele Ardizzone and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. **GMO panel statement on animal dietary exposure**

The sub-working group discussed the document. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 12 May 2022, TELE/WEB
(Agreed on 12 May 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Hanspeter Naegeli
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE: none
- EFSA:
 - GMO Unit: Michele Ardizzone, Goumperis Tilemachos, Antonio Fernandez, Reinhilde Schoonjans and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-NL-2017-140 (Maize MON 87419)

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-DE-2018-149 (Maize BT11 x MIR162 x MIR604 x MON89034 x 5307x GA21)

The sub-working group did not discuss the application due to lack of time.

4.3. EFSA-GMO-NL-2019-161 (Maize MON 87429)

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-NL-2019-162 (Soy LEGHEMOGLOBIN)

The sub-working group discussed the application. Further discussion is needed.

4.5. EFSA-GMO-NL-2020-170 (Maize MON 95379)

The sub-working group discussed the application. Further discussion is needed.

4.6. EFSA-GMO-NL-2020-172 (Maize DP-915635-4)

The sub-working group discussed the application. Further discussion is needed.

4.7. **Scientific Opinion Templates**

The sub-working group discussed the templates. Further discussion is needed.

5. Any other business

Nothing to report

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 131st MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 26-27 April 2022, TELE/WEB
(Agreed on 27 April 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Ian Dewhurst, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini
- *Ad hoc* Experts¹:
 - Robin Ørnsrud
- European Commission and/or Member States representatives:
 - None
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Andrea Gennaro, Tilemachos Goumperis, Paschalina Grammatikou, Paolo Lenzi, Reinhilde Schoonjans and Franz Streissl.
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Jean-Louis Bresson (Day 1, morning) and Giovanni Savoini (Day 1, afternoon).

2. Adoption of agenda

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 130th Working Group meeting held on 1-2 March via TELE/WEB

The minutes of the 130th Working Group meeting held on 1-2 March 2022 were agreed.⁴

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-DE-2016-137⁵

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

5.2 EFSA-GMO-NL-2017-140⁶

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

5.3 EFSA-GMO-DE-2018-149⁷

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

5.4 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁸

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

5.5 EFSA-GMO-NL-2019-158 (RF3 Canola Quality *Brassica juncea*)⁹

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

5.6 EFSA-GMO-NL-2019-161¹⁰

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

5.7 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin produced from genetically modified *Pichia pastoris*)¹¹

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

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://www.efsa.europa.eu/sites/default/files/wqs/gmo/wq-applications-foodfeed-2018-2021.pdf>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2016-00775>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00263>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00412>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00628>

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>



5.8 EFSA-GMO-NL-2020-169 (oilseed rape MON94100)¹²

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

5.9 Renewal RX-026/02¹³

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

5.10 Mandate Cotton DAS-24236-5 X DAS-21023-5¹⁴

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

6. Any other business

A series of aspects were discussed related to the cisgenesis mandate (a preparatory meeting involving Javier Moreno and Hanspeter Naegeli took place on 31st of March 2022), status and developments in the aquaculture sector (presented by Dr. Robin Ørnsrud from Faculty of Medicine, Dep of Clinical medicine in Norway), feed consumption database project, history of safe use concept, sugar beat-pollen, sample size in the field trials and general aspects of application EFSA-GMO-NL-2020-171.

7. Next meeting

7-8 June 2022, hybrid meeting.

¹² <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00749>

¹³ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00283>

¹⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 12 April 2022, TELE/WEB
(Agreed on 12 April 2022)**

Participants

- Working Group Members:
 - Michelle Epstein, Javier Moreno and Frits Koning.
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - GMO Unit: Antonio Fernandez Dumont.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)⁴

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

4.2 EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)⁵

The working group discussed the mandate. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00013>



NUTRITION AND FOOD INNOVATION UNIT

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB WG MEETING ON HUMAN NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 11 April 2022, TELE/WEB
(Agreed on 21 April 2022)**

Participants

- Working Group Members:
 - Thomas Frenzel and Jean-Louis Bresson
- Hearing Experts¹:
 - none
- European Commission and/or Member States representatives:
 - none
- EFSA:
Jose Ángel Gómez Ruiz, Tilemachos Goumperis
- Others:
 - Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf



3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-DE-2019-162 (Soy Leghemoglobin produced from genetically modified *Pichia pastoris*)⁴

The sub-working group discussed the application. Further discussion is needed.

4.2 EFSA-GMO-DE-2020-169 (oilseed rape MON94100)⁵

The sub-working group discussed the application. Further discussion is needed.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00749>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 08 April 2022, TELE/WEB
(Agreed on 08 April 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Hanspeter Naegeli
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE: none
- EFSA:
 - GMO Unit: Michele Ardizzone, Tilemachos Goumperis and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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: https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-DE-2016-137 (Maize GA21 x T25)⁴

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)⁵

The sub-working group discussed the application. Further discussion is needed.

4.3. EFSA-GMO-NL-2017-140 (Maize MON 87419)⁶

The sub-working group discussed the application. Further discussion is needed.

4.4. EFSA-GMO-NL-2019-161 (Maize MON 87429)⁷

The sub-working group discussed the application. Further discussion is needed.

4.5. EFSA-GMO-DE-2019-162 (Soy LEGHEMOGLOBIN)⁸

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2016-00775>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2017-00263>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00628>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 31 March 2022, TELE/WEB
(Agreed on 31 March 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Giovanni Savoini
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - GMO Unit: Michele Ardizzone, Goumperis Tilemachos and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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:
https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. Animal dietary exposure assessment for GM feed

The working group discussed the draft Panel output on animal dietary exposure assessment for GM feed. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 29 March 2022, TELE/WEB
(Agreed on 29 March 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Michelle Epstein, Frits Koning, Javier Moreno and Hanspeter Naegeli.
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - GMO Unit: Michele Ardizzone, Antonio Fernandez Dumont, Goumperis Tilemachos and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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: https://www.efsa.europa.eu/sites/default/files/corporate_publications/files/expertselection.pdf.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin)⁴

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

4.2 COTTON MANDATE (DAS-24236-5 X DAS-21023-5)⁵

The working group discussed the mandate. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 11 March 2022, TELE/WEB
(Agreed on 11 March 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst and Hanspeter Naegeli
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE: none
- EFSA:
 - GMO Unit: Michele Ardizzone, Goumperis Tilemachos and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-NL-2020-170 (Maize MON 95379)⁴

The sub-working group discussed the application. Further discussion is needed.

4.2. EFSA-GMO-NL-2020-172 (Maize DP-915635-4)⁵

The sub-working group discussed the application. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00786>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00834>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 130th MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 1-2 March 2022, TELE/WEB
(Agreed on 2 March 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Ian Dewhurst, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini.
- *Ad hoc* Experts¹:
 - None
- European Commission and/or Member States representatives:
 - Olga Orlova, Alexandre Huchelmann
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzone, Antonio Fernandez Dumont, Tilemachos Goumperis, Paschalina Grammatikou, Aleksandra Lewandowska, Dafni Maria Kagkli, Nikoletta Papadopoulou and Reinhilde Schoonjans
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
 - Front-Desk & Workforce Planning Unit: Claudia Parisi
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Hanspeter Naegeli (Day 1, morning).

¹ 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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 128th Working Group meeting held on 29-30 November 2021 via TELE/WEB

The minutes of the 129th Working Group meeting held on 17-18 January 2022 were agreed.⁴

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁵

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

5.2 EFSA-GMO-NL-2019-158 (RF3 Canola Quality *Brassica juncea*)⁶

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

5.3 EFSA-GMO-NL-2019-159 (Maize DP-202216-6)⁷

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

5.4 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin produced from genetically modified *Pichia pastoris*)⁸

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

5.5 EFSA-GMO-NL-2019-163 (Maize DP-023211-2)⁹

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

5.6 EFSA-GMO-NL-2020-169 (oilseed rape MON94100)¹⁰

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

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://www.efsa.europa.eu/sites/default/files/wqs/gmo/wg-applications-foodfeed-2018-2021.pdf>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00412>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00419>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00807>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00749>



5.7 EFSA-GMO-NL-2020-170 (MON 95379 maize)¹¹

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

5.8 EFSA-GMO-NL-2020-171 (DP4114XMON89034XMON87411XDAS-40278-9)¹²

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

5.9 Mandate Cotton DAS-24236-5 X DAS-21023-5¹³

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

5.10 Renewal RX-026/02¹⁴

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

6. Any other business

A series of aspects were discussed related to new genome techniques, latest updates on applications and expertise needs. In relation to the latter, Dr. Robin Ørnsrud (Faculty of Medicine, Dep of Clinical medicine, Norway), Dr Ivan Dimitrov (Medical University of Bulgaria) and/or Geoffrey A. Muller (National Institute of Environmental Health Sciences) were proposed to the group because of their longstanding expertise in the field of aquaculture, bioinformatics and protein stability, respectively.

7. Next meeting

26-27 April 2022, hybrid meeting.

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00786>

¹² <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00833>

¹³ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>

¹⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00283>

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB WORKING GROUP ON ALLERGENICITY ASSESSMENT (FOOD & FEED SAFETY)

**Held on 25 February 2022, TELE/WEB
(Agreed on 25 February 2022)**

Participants

- Working Group Members:
 - Sub Working Group Members: Frits Konig and Javier Moreno
- EFSA:
 - Nutrition and Food Innovation Unit: Antonio Fernandez Dumont
- Others:
 - Irini Doytchinova, Ivan Dimitrov

1. Welcome and apologies for absence

No absences

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 Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. AOB

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



Software functionalities of the first version delivered by the EFSA contractor were discussed.



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX / ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 18 February 2022, TELE/WEB
(Agreed on 18 February 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Hanspeter Naegeli, Javier Moreno and Michelle Epstein
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - GMO Unit: Michele Ardizzone, Antonio Fernandez Dumont, Goumperis Tilemachos and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-DE-2019-157 (canola LBFLFK)⁴

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

4.2 COTTON MANDATE (DAS-24236-5 X DAS-21023-5)⁵

The working group discussed the mandate. Further discussion is needed.

5. Any other business

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB WORKING GROUP ON HUMAN NUTRITION (FOOD & FEED SAFETY)

**Held on 16 February 2022, TELE/WEB
(Agreed on 16 February 2022)**

Participants

- Sub Working Group Members: Jean-Louis Bresson, Thomas Frenzel, Javier Moreno
- EFSA:
 - Nutrition and Food Innovation Unit: Antonio Fernandez Dumont, Tilemachos Goumperis
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz

1. Welcome and apologies for absence

No absences

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 Independence¹ and the Decision of the Executive Director on Competing Interest Management², 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. Scientific topic(s) for discussion

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



4.1. EFSA-GMO-NL-2019-158 (RF3 Canola Quality Brassica juncea)³

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

4.2. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)⁴

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

4.3. EFSA-GMO-NL-2020-169 (MON 94100 oilseed rape)⁵

Not discussed due to time constraints.

4.4. EFSA-GMO-NL-2020-170 (MON 95379 maize)⁶

Not discussed due to time constraints.

4.5. EFSA-GMO-NL-2020-171 (DP4114xMON89034xMON87411xDAS-40278-9 maize)⁷

Not discussed due to time constraints.

³ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00412>

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00419>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00749>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00786>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00833>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON TOX ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 15 February 2022, TELE/WEB
(Agreed on 18 February 2022)**

Participants

- Working Group Members:
 - Ian Dewhurst, Hanspeter Naegeli and Giovanni Savoini (only for topic 4.4)
- Ad hoc Experts¹:
 - None
- European Commission and/or Member States representatives:
 - DG SANTE : none
- EFSA:
 - GMO Unit: Michele Ardizzone, Goumperis Tilemachos and Paschalina Grammatikou.
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

¹ 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>.



In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1. EFSA-GMO-DE-2016-137 (Maize GA21 x T25)⁴

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

4.2. EFSA-GMO-DE-2018-149 (Maize Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21)⁵

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

4.3. EFSA-GMO-NL-2018-151 (Maize MON 89034 x 1507 x MIR162 x NK603 x DAS-40278-9)⁶

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

4.4. EFSA-GMO-DE-2019-157 (Canola LBFLFK)⁷

The working group discussed the application. Further discussion and clarifications are needed.

4.5. EFSA-GMO-NL-2019-159 (Maize DP-202216-6)⁸

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

4.6. EFSA-GMO-NL-2019-163 (Maize DP-023211-2)⁹

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

4.7. EFSA-GMO-NL-2020-169 (Oilseed rape MON 94100)¹⁰

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

4.8. EFSA-GMO-NL-2020-171 (Maize DP4114 x MON89034 x MON87411 x DAS-40278-9)¹¹

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

4.9. EFSA-GMO-NL-2020-172 (Maize DP-915635-4)¹²

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

4.10. RX-024 (Oilseed rapes Ms8, Rf3 and Ms8 x Rf3)¹³

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

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2016-00775>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00457>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00419>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00807>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00749>

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00833>

¹² <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00834>

¹³ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00121>



5. Any other business

Nothing to report.

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON ALLERGENICITY ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 11 February 2022, TELE/WEB
(Agreed on 11 February 2021)**

Participants

- Working Group Members:
 - Frits Konig and Javier Moreno
- Hearing Experts¹:
 - none
- European Commission and/or Member States representatives:
 - none
- EFSA:
 - GMO Unit: Antonio Fernández Dumont,
- Others:
 - Not Applicable

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.

¹ 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. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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.

3. Scientific topic(s) for discussion

3.1 EFSA-GMO-RX-026/2 (oilseed rape GT73)⁴

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

4. AOB

Nothing to report.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-O-2021-00283>

SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF THE SUB MEETING ON HUMAN NUTRITION ASSESSMENT OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 17 January 2022, TELE/WEB
(Agreed on 24 January 2022)**

Participants

- Working Group Members:
 - Thomas Frenzel and Jean-Louis Bresson
- Hearing Experts¹:
 - none
- European Commission and/or Member States representatives:
 - none
- EFSA:
Tilemachos Goumperis
- Others:
 - Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

2. Adoption of agenda

The agenda was adopted without changes.

¹ 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 Independence² and the Decision of the Executive Director on Competing Interest Management³, 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. Scientific topic(s) for discussion

4.1 EFSA-GMO-DE-2018-149 (Maize Bt11xMIR162xMIR604xMON89034x5307xGA21)⁴

The Working Group discussed the section on compositional analysis of this application. Further discussion is needed.

4.2 EFSA-GMO-NL-2018-151 (Maize MON 89034x1507xMIR162xNK603xDAS-40278-9)⁵

The Working Group discussed the sections on human dietary exposure and nutritional assessment of this application. Further discussion is needed.

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00457>



SCIENTIFIC PANEL ON GENETICALLY MODIFIED ORGANISMS

MINUTES OF 129th MEETING OF THE WORKING GROUP ON FOOD & FEED SAFETY

**Held on 17-18 January 2022, TELE/WEB
(Agreed on 18 January 2022)**

Participants

- Working Group Members:
 - Jean-Louis Bresson, Ian Dewhurst, Michelle Epstein, Thomas Frenzel, Frits Koning, Javier Moreno, Hanspeter Naegeli and Giovanni Savoini.
- *Ad hoc* Experts¹:
 - None
- European Commission and/or Member States representatives:
 - Olga Orlova
- EFSA:
 - Nutrition and Food Innovation Unit: Michele Ardizzzone, Antonio Fernandez Dumont, Tilemachos Goumperis, Paschalina Grammatikou, Dafni Maria Kagkli, Nikoletta Papadopoulou, Pietro Piffanelli, Tommaso Raffaello and Reinhilde Schoonjans
 - Methodology and Scientific Support Unit: José Ángel Gómez Ruiz
- Others:
 - None

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Frits Koning (Day 2) and Hanspeter Naegeli (Day 2, morning).

2. Adoption of agenda

¹ 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>.



The agenda was adopted without changes.

3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, 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 128th Working Group meeting held on 29-30 November 2021 via TELE/WEB

The minutes of the 128th Working Group meeting held on 29-30 November 2021 were agreed.⁴

5. Scientific topic(s) for discussion

5.1 EFSA-GMO-DE-2018-149 (Maize Bt11xMIR162xMIR604xMON89034x5307xGA21)⁵

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

5.2 EFSA-GMO-NL-2018-150 (Maize DP4114xMON810xMIR604xNK603)⁶

The Working Group discussed the application. The Food & Feed part of the opinion was finalized.

5.3 EFSA-GMO-NL-2018-151 (Maize MON89034x1507xMIR162xNK603xDAS-40278-9 Dow)⁷

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

5.4 EFSA-GMO-DE-2019-157 (LBFLFK canola)⁸

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

5.5 EFSA-GMO-NL-2019-159 (Maize DP-202216-6)⁹

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

5.6 EFSA-GMO-NL-2019-162 (Soy Leghemoglobin produced from genetically modified *Pichia pastoris*)¹⁰

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

5.7 EFSA-GMO-BE-2019-165 (Soybean DBN-09004-6)¹¹

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

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

³ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf

⁴ <https://www.efsa.europa.eu/sites/default/files/wqs/gmo/wq-applications-foodfeed-2018-2021.pdf>

⁵ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00292>

⁶ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00370>

⁷ <https://open.efsa.europa.eu/questions/EFSA-Q-2018-00457>

⁸ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00394>

⁹ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00419>

¹⁰ <https://open.efsa.europa.eu/questions/EFSA-Q-2019-00651>

¹¹ <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00013>



5.8 Mandate Cotton DAS-24236-5 X DAS-21023-5¹²

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

5.9 EFSA-GMO-RX-023 (Soybean 40-3-2)¹³

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

6. Any other business

A series of aspects were discussed related to the Procurement on HLA-DQ peptide modelling, general aspects of RX-26, quality checkpoints of the risk assessment process and expertise needs.

7. Next meeting

1-2 March 2022, online.

¹² <https://open.efsa.europa.eu/questions/EFSA-Q-2020-00796>

¹³ <https://open.efsa.europa.eu/questions/EFSA-Q-2021-00077>