

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 39th meeting of the Working Group on Genetically Modified Organisms

Held on 15 October 2018, Tele-web conference

(Agreed on 23 October 2018)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Montserrat Anguita

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest³, EFSA screened the Annual Declarations of Interest. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process. Additionally, no interests were declared at the Oral Declaration of Interest made at the beginning of this meeting.

4. Scientific topics for discussion

- 4.1. The Working Group discussed the application on L-histidine monohydrochloride monohydrate (feed grade) produced by fermentation with *Corynebacterium glutamicum* KCCM 80172 for all species ([EFSA-Q-2018-00438](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The Working Group discussed the application on L-threonine for all animal species ([EFSA-Q-2018-00084](#)) and decided to inform the applicant on issues that required clarification.
- 4.3. The Working Group discussed the application on PHYZYME[®] XP 5000 G, PHYZYME[®] XP 5000 L (6-phytase) weaned piglets, pigs for fattening, sows for reproduction, chickens for fattening, laying hens, turkeys for fattening and ducks for fattening ([EFSA-Q-2016-00559](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 4.4. The Working Group discussed the application on 3-phytase 1000 FLF for poultry species ([EFSA-Q-2017-00650](#)) decided to present the draft document, modified accordingly, to the plenary meeting.
- 4.5. The Working Group discussed the application on L-threonine for all animal species ([EFSA-Q-2018-00695](#)) to inform the applicant on issues that required clarification.
- 4.6. Items not discussed: L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species ([EFSA-Q-2018-00507](#)) and L-arginine for all animal species ([EFSA-Q-2018-00612](#)).

² <http://www.efsa.europa.eu/en/corporate/pub/policyonindependence>

³ <http://www.efsa.europa.eu/en/corporate/pub/independencepolicy17>

5. Next meeting

NA

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 38th meeting of the Working Group on Genetically Modified Organisms

Held on 25 September, Tele-web conference

(Agreed on 23 October 2018)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Montserrat Anguita

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest³, EFSA screened the Annual Declarations of Interest. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process. Additionally, no interests were declared at the Oral Declaration of Interest made at the beginning of this meeting.

4. Scientific topics for discussion

- 4.1. The Working Group discussed the application on L-leucine produced using strain NITE BP-02351 for all animal species ([EFSA-Q-2018-00548](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The Working Group discussed the application on L-tryptophan produced by fermentation with *Escherichia coli* K-12 KCCM 80152 for all animal species ([EFSA-Q-2017-00693](#)) and decided to inform the applicant on issues that required clarification.
- 4.3. The Working Group discussed the application on APSA PHYTAFEED[®] 20,000 GR/L for chickens for fattening, chickens reared for laying and minor poultry species ([EFSA-Q-2018-00478](#)) and decided to inform the applicant on issues that required clarification.
- 4.4. The Working Group discussed the application on CIBENZA[®] PHYTAVERSE[®] G10/L10 for piglets (weaned), pigs for fattening, sows for reproduction, minor porcine species for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor avian species excluding laying birds, minor avian species for laying ([EFSA-Q-2018-00421](#)) and decided to inform the applicant on issues that required clarification.
- 4.5. Items not discussed: PHYZYME[®] XP 5000 G, PHYZYME[®] XP 5000 L (6-phytase) weaned piglets, pigs for fattening, sows for reproduction, chickens for fattening, laying hens, turkeys for fattening and ducks for fattening ([EFSA-Q-2016-00559](#)) and 3-phytase 10000 FLF for poultry species ([EFSA-Q-2017-00650](#)).

² <http://www.efsa.europa.eu/en/corporate/pub/policyonindependence>

³ <http://www.efsa.europa.eu/en/corporate/pub/independencepolicy17>

5. Next meeting

15 October 2018

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 37th meeting of the Working Group on Genetically Modified Organisms

Held on 28 August 2018, Tele-web conference

(Agreed on 28 August 2018)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Montserrat Anguita

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest³, EFSA screened the Annual Declarations of Interest. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process. Additionally, no interests were declared at the Oral Declaration of Interest made at the beginning of this meeting.

4. Agreement of the minutes of the 36th Working Group meeting held on 27th June 2018 by tele-web conference.

The minutes of the 36th Working Group meeting were agreed by written procedure on 29th July 2018.⁴

5. Scientific topics for discussion

- 5.1. The Working Group discussed the application on L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species ([EFSA-Q-2018-00266](#)) and decided to inform the applicant on issues that required clarification.
- 5.2. The Working Group discussed the application on L-Histidine monohydrochloride monohydrate (feed grade) produced by fermentation with *Corynebacterium glutamicum* KCCM 80172 for all species ([EFSA-Q-2018-00438](#)) and decided to inform the applicant on issues that required clarification.
- 5.3. The Working Group discussed the application on L-tryptophan produced by fermentation with *Escherichia coli* K12 KCCM 80135 for all animal species ([EFSA-Q-2017-00542](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 5.4. The Working Group discussed the application on L-tryptophan for all animal species ([EFSA-Q-2016-00380](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 5.5. The Working Group discussed the application on L-threonine for all animal species ([EFSA-Q-2017-00609](#)) decided to present the draft document, modified accordingly, to the plenary meeting.

² <http://www.efsa.europa.eu/en/corporate/pub/policyonindependence>

³ <http://www.efsa.europa.eu/en/corporate/pub/independencepolicy17>

⁴ <http://www.efsa.europa.eu/sites/default/files/wgs/animal-feed/GMM-FEEDAP2015-2018.pdf>

- 5.6. The Working Group discussed the application on Beltherm MP and Beltherm ML (endo-1,4-beta-xylanase) for piglets (weaned), pigs for fattening and other porcine species ([EFSA-Q-2017-00749](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 5.7. The Working Group discussed the application on L-Tryptophan produced by fermentation with *Corynebacterium glutamicum* KCCM 80176 for all animal species ([EFSA-Q-2018-00451](#)) and decided to inform the applicant on issues that required clarification.

6. Next meeting

25 September 2018

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 36th meeting of the Working Group on Genetically Modified Organisms

Held on 27 June 2018, Tele-web conference

(Agreed on 29 June 2018 by written procedure)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Montserrat Anguita

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topics for discussion

- 4.1. The Working Group discussed the application on L-threonine produced by fermentation with *Corynebacterium glutamicum* KCCM80118 for all animal species ([EFSA-Q-2018-00084](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The Working Group discussed the application on L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species ([EFSA-Q-2018-00266](#)) and decided that more discussion is needed.
- 4.3. The Working Group discussed the application on PHYZYME[®] XP 5000 G, PHYZYME[®] XP 5000 L (6-phytase) for weaned piglets, pigs for fattening, sows for reproduction, chickens for fattening, laying hens, turkeys for fattening and ducks for fattening ([EFSA-Q-2016-00559](#)) and decided to inform the applicant on issues that required clarification.

5. Next meeting

28th of August 2018

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

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

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 35th meeting of the Working Group on Genetically Modified Organisms

Held on 29 May 2018, Tele-web conference

(Agreed on 29 May 2018)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Montserrat Anguita

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 34th Working Group meeting held on 08 February 2018 by tele-web conference.

The minutes of the 34th Working Group meeting were agreed.⁴

5. Scientific topics for discussion

- 5.1. The Working Group discussed the application on L-Tryptophan produced by fermentation with *Escherichia coli* KCCM 80152 for all animal species ([EFSA-Q-2017-00693](#)) and decided to inform the applicant on issues that required clarification.
- 5.2. The Working Group discussed the application on L-Tryptophan produced by fermentation with *Escherichia coli* KCCM 80135 for all animal species ([EFSA-Q-2017-00542](#)) and decided to inform the applicant on issues that required clarification.
- 5.3. The Working Group discussed the application on Muramidase produced by *Trichoderma reesei* DSM 32338 for chickens for fattening and minor poultry species ([EFSA-Q-2017-00632](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 5.4. The Working Group discussed the application on L-threonine for all animal species ([EFSA-Q-2017-00609](#)) and decided to inform the applicant on issues that required clarification.
- 5.5. The Working Group discussed the application on Natugrain[®] Wheat TS (endo-1,4-beta-xylanase) for turkeys for fattening, chickens for fattening and ducks, turkeys reared for breeding, ornamental birds, minor avian species except ducks and laying

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/wqs/animal-feed/GMM-FEEDAP2015-2018.pdf>

birds ([EFSA-Q-2017-00025](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.

- 5.6. The Working Group discussed the application on Natuphos[®] 5000, Natuphos[®] 5000 G, Natuphos[®] 5000 L, Natuphos[®] 10000 G, Natuphos[®] 10000 L (3-phytase) for piglets (suckling and weaned piglets), pigs for fattening, sows for reproduction, chickens for fattening, chickens reared for laying and breeding, laying hens and breeding hens, ducks for fattening, ducks for breeding and laying, turkeys reared for breeding, turkeys for fattening, ornamental birds, minor avian species, all other poultry for laying and breeding (except ducks) ([EFSA-Q-2016-00376](#)) and decided to present the draft document, modified accordingly, to the plenary meeting.

6. Next meeting

27 June 2018

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 34th meeting of the Working Group on Genetically Modified Microorganisms

Tele-web meeting, 8 February 2018

(Agreed on 29 May 2018)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera.

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 33rd Working Group meeting held on 10-11 October 2017 by tele-web conference.

The minutes of the 33rd Working Group meeting were agreed by written procedure on 26 November 2017.⁴

5. Scientific topics for discussion

- 5.1. The Working Group discussed the application on Aextra[®] XAP (endo-1,4-beta-xylanase, alpha-amylase and protease) as a feed additive for for chickens for fattening, laying hens and all minor poultry species ([EFSA-Q-2017-00717](#)) and decided to inform the applicant on issues that required clarification.
- 5.2. The Working Group discussed the application Hemicell[®]-L (endo-1,4-beta-mannanase) as a feed additive for chickens for fattening, chickens reared for laying and minor poultry species ([EFSA-Q-2016-00181](#)) and decided to present it, modified accordingly, to the next Plenary meeting.
- 5.3. The Working Group discussed the application Hemicell[®]-HT (endo-1,4-beta-mannanase) chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, weaned piglets, pigs for fattening and minor poultry/porcine species ([EFSA-Q-2018-00050](#)) and decided to present it, modified accordingly, to the next Plenary meeting.

6. Next meeting

To be decided.

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/wqs/animal-feed/GMM-FEEDAP2015-2018.pdf>

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 33rd meeting of the Working Group on Genetically Modified Microorganisms

Tele-web meeting, 16 November 2017

(Agreed on 22 November 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera.

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

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

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 32nd Working Group meeting held on 10-11 October 2017 by tele-web conference.

The minutes of the 32nd Working Group meeting were agreed by written procedure on 25 October 2017.⁴

5. Scientific topics for discussion

- 5.1. The Working Group discussed the application on FAD-2017-0037 L-Threonine ([EFSA-Q-2017-00609](#)) and decided to inform the applicant on issues that required clarification.
- 5.2. The Working Group discussed the application on FAD-2017-0038 L- Tryptophan ([EFSA-Q-2017-00610](#)) and decided to inform the applicant on issues that required clarification.
- 5.3. The Working Group discussed the application on FAD-2017-0046 Muramidase ([EFSA-Q-2017-00632](#)/DSM) and decided to inform the applicant on issues that required clarification.

6. Next meeting

To be decided.

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/wqs/animal-feed/GMM-FEEDAP2015-2018.pdf>

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 32nd meeting of the Working Group on Genetically Modified Microorganisms

Parma, 10 and 11 October 2017

(Agreed on 25 October 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo, Maria Saarela and Christoph Tebbe.¹

- **Hearing Experts:²**

Not Applicable.

- **European Commission and/or Member States representatives:**

Béatrice Marquez Garrido, Almudena Rodriguez.

- **EFSA:**

FEED Unit: Jaime Aguilera, Rosella Brozzi

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Juan Antonio Gabaldón.

2. Adoption of agenda

The agenda was adopted with the following change:

Item 5.2 was included.

¹ Only on 10 October PM

² As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes³ and the Decision of the Executive Director on Declarations of Interest,⁴ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 31st Working Group meeting held on 6-7 September 2017 by tele-web conference.

The minutes of the 31st Working Group meeting were agreed by written procedure on 15 September 2017.⁵

5. Scientific topics for discussion

- 5.1. The Working Group continued its discussion on the Guidance Document for the characterisation of microorganisms used as feed additives or as production organisms ([EFSA-Q-2016-00069](#)) and decided that further discussion is needed.
- 5.2. During the meeting, the Working Group was informed, in order to plan the future discussions, that the following question(s)/application(s) have been received: Muramidase for chickens for fattening and minor poultry species ([EFSA-Q-2017-00632](#)), L-tryptophan for all animal species ([EFSA-Q-2017-00693](#)).

6. Next meeting

16 November 2017.

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

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

⁵ <http://www.efsa.europa.eu/sites/default/files/wqs/animal-feed/GMM-FEEDAP2015-2018.pdf>

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 31st meeting of the Working Group on Genetically Modified Microorganisms

Tele-web conference, 6 and 7 September 2017

(Agreed on 15 September 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Boet Glandorf.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

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

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 30th Working Group meeting held on 22 May 2017 by tele-web conference.

The minutes of the 30th Working Group meeting were agreed by written procedure on 29 May 2017.⁴

5. Scientific topics for discussion

- 5.1. The Working Group discussed the application on FUMzyme ([EFSA-Q-2017-00073](#)) and decided to present the draft opinion, modified accordingly, at the plenary meeting.
- 5.2. The Working Group discussed the application on L-Arginine ([EFSA-Q-2017-00480](#)) and decided to present the draft opinion, modified accordingly, at the plenary meeting.
- 5.3. The Working Group discussed the application on L-lysine ([EFSA-Q-2017-00501](#)) and decided to present the draft opinion, modified accordingly, at the plenary meeting.
- 5.4. The Working Group discussed the application on L-tryptophan ([EFSA-Q-2017-00485](#)) and decided to inform the applicant on issues that required clarification.
- 5.5. During the meeting, the Working Group was informed, in order to plan the future discussions, that the following question(s)/application(s) have been received: L-tryptophan for all animal species ([EFSA-Q-2017-00542](#)), L-threonine for all animal species ([EFSA-Q-2017-00609](#)), L-tryptophan for all animal species ([EFSA-Q-2017-00610](#)).

6. Any Other Business

- 6.1. The Working Group was informed about publication of the "Database on the taxonomical identification and potential toxigenic

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/wqs/animal-feed/GMM-FEEDAP2015-2018.pdf>

capacities of non-QPS production strains of industrially produced food and feed additives” and associated external scientific report.

7. Next meeting

10-11 October 2017.

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 30th meeting of the Working Group on Genetically Modified Microorganisms

Held on 22 May 2017, Parma

(Agreed on 29 May 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of Agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topic(s) for discussion

- 4.1. The Working Group discussed the application on FAD-2017-0005 FUMzyme ([EFSA-Q-2017-00073](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The Working Group discussed the application on FAD-2016-0046 Vitamin B₂ ([EFSA-Q-2016-00505](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.

5. Any Other Business

The Working Group was updated on future activities in the frame of the Guidance Document on the characterisation of microorganisms used as feed additives or as production organisms.

6. Next meeting

3 July AM, tele-web meeting.

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

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

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 29th meeting of the Working Group on Genetically Modified Microorganisms

Held on 8-10 March 2017, Parma

(Agreed on 18 March 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo, Maria Saarela and Christoph Tebbe.

- **Hearing Experts:**¹

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

FIP Unit: Margarita Aguilera Gomez²

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Christoph Tebbe (on 8 March PM, 9 March PM and 10 March).

2. Adoption of Agenda

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

² For agenda point 4.1. only.

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes³ and the Decision of the Executive Director on Declarations of Interest,⁴ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topic(s) for discussion

- 4.1. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided to present the draft guidance, modified accordingly, to the plenary meeting.
- 4.2. The Working Group discussed the application on FAD-2016-0010 Beltherm ([EFSA-Q-2016-00179](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- 4.3. The Working Group discussed the application on FAD-2016-0029 L-lysines ([EFSA-Q-2016-00391](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.

5. Any Other Business

The Working Group discussed future activities in the frame of the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms.

6. Next meeting

22 May AM, tele-web meeting.

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

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

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 28th meeting of the Working Group on Genetically Modified Microorganisms

Held on 7-9 February 2017, Parma

(Agreed on 15 February 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo, Maria Saarela and Christoph Tebbe.

- **Hearing Experts:**¹

Not Applicable.

- **European Commission and/or Member States representatives:**

Ilaria Ciabatti.²

- **EFSA:**

FEED Unit: Jaime Aguilera

FIP Unit: Margarita Aguilera Gomez²

GMO Unit: Irina Olaru,² Nikoletta Papadopoulou²

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Christoph Tebbe (on 7 February, 8 February PM and 9 February PM) and Pier Sandro Cocconcelli (8 February PM).

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

² Participated to Agenda item 4.1 only

2. Adoption of Agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes³ and the Decision of the Executive Director on Declarations of Interest,⁴ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topic(s) for discussion

4.1. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed.

4.2. The Working Group discussed the application on FAD-2016-0003 L-Threonine ([EFSA-Q-2016-00074](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.

The Working Group discussed the application on FAD-2010-0199 Vitamin B12 ([EFSA-Q-2012-00456](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.

5. Any Other Business

The Working Group discussed future activities in the frame of the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms.

6. Next meeting

8-10 March 2017, Parma.

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

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

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 27th meeting of the Working Group on Genetically Modified Microorganisms

Held on 10-12 January 2017, Parma

(Agreed on 19 January 2017)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:**^{1,2,3}

José Arnau, Nathalie Labat, Edzard Scholten and Markus Wyss.

- **European Commission and/or Member States representatives:**³

Panagiotis Daskaleros.

- **EFSA:**

FEED Unit: Jaime Aguilera

FIP Unit: Zoltán Diveki,³ Ana Gomes⁴

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

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

² In the organisation of the meeting FEFANA, AMFEP, and EuropaBio were asked to liaise with their members and with the companies active in the field of feed additives and food enzymes made with genetically modified microorganisms in order to guarantee the most representative participation of the necessary scientific expertise. This list of hearing experts is the result of this activity.

³ Participated to Agenda item 4.2 only

⁴ Participated to Agenda item 4.3 only

2. Adoption of Agenda

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes⁵ and the Decision of the Executive Director on Declarations of Interest,⁶ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topic(s) for discussion

- 4.1. The Working Group discussed the application on FAD-2016-0037 L-arginine of ([EFSA-Q-2016-00405](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- 4.2. EFSA invited representatives of all industry associations dealing with feed additives and food enzymes made with genetically modified microorganisms to participate to this agenda item. The invited persons participated in the meeting as hearing experts. FEFANA, AMFEP and EuropaBio coordinated the involvement of all industry representatives.

The hearing experts were asked to answer questions from the Working Group on different aspects that are under discussion in the context of the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms. The issues for which the input was required focused mainly on technical aspects on the characterisation of recombinant production strains and of the products obtained thereof.

- 4.3. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed.

5. Any Other Business

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

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

The Working Group discussed future activities in the frame of the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms.

6. Next meeting

7-9 February 2017, Parma.

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 26th meeting of the Working Group on Genetically Modified Microorganisms

Held on 3-4 November 2016, Parma

(Agreed on 9 November 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

FIP Unit: Margarita Aguilera-Gómez

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Boet Glandorf.

2. Adoption of Agenda

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

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topic(s) for discussion

- 4.1. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed.
- 4.2. The Working Group discussed the application on FAD-2016-0047 L-tryptophan ([EFSA-Q-2016-00551](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- 4.3. FAD-2016-0046 Vitamin B2 ([EFSA-Q-2016-00505](#)) and decided that further discussions are needed.

5. Any Other Business

The Working Group discussed future activities in the frame of the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms.

6. Next meeting

10-12 January 2017, Parma.

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

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

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 25th meeting of the Working Group on Genetically Modified Microorganisms

Held on 28-29 September 2016, Melle, Ghent

(Agreed on 29 September 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Baltasar Mayo.

2. Adoption of Agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Scientific topic(s) for discussion

- 4.1. The Working Group discussed the application on FAD-2015-0026 3-phytase ([EFSA-Q-2015-00482](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- 4.2. The Working Group discussed the application on FAD-2014-0001 Hemicell HT (mannanase) ([EFSA-Q-2014-00115](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting
- 4.3. The Working Group discussed the application on FAD-2016-0029 L-lysines ([EFSA-Q-2016-00391](#)) and decided to inform the applicant on issues that required clarification.
- 4.4. The Working Group discussed the application on FAD-2016-0037 L-arginine ([EFSA-Q-2016-00405](#)) and decided to inform the applicant on issues that required clarification.
- 4.5. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed.

5. Any Other Business

Not Applicable.

6. Next meeting

3-4 November 2016, Parma.

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

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

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 24th meeting of the Working Group on Genetically Modified Microorganisms

Held on 15-16 June 2016, Parma

(Agreed on 16 June 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

European Commission: Marta Ponghellini, Takis Daskaleros.

- **EFSA:**

FEED Unit: Jaime Aguilera

FIP Unit: Zoltán Diveki, Margarita Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Sirpa Kärenlampi.

2. Adoption of Agenda

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

The agenda was adopted without changes.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 23rd Working Group meeting held on 11-12 May 2016, Barcelona.

The minutes of the of the 23rd Working Group meeting held on 11 May 2016 were agreed.⁴

5. Scientific topic(s) for discussion

- 5.1. The Working Group discussed the application on FAD-2016-0010 Beltherm (EFSA-Q-2016-00179) and decided to inform the applicant on issues that required clarification.
- 5.2. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](http://www.efsa.europa.eu/en/keydocs/docs/independencerules2014.pdf)) and decided that further discussions are needed.

6. Any Other Business

The WG was updated on the next Info Session on Feed additive applications which will take place in Brussels on 14 and 15 July 2016.

7. Next meeting

28-29 September 2016, Ghent.

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/GMM-FEEDAP2015-2018.pdf>

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 23rd meeting of the Working Group on Genetically Modified Microorganisms

Held on 11-12 May 2016, Barcelona

(Agreed on 12 May 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of Agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 22nd Working Group meeting held on 14-15 March 2016, Parma.

The minutes of the of the 22nd Working Group meeting held on 14 March 2016 were agreed.⁴

5. Scientific topic(s) for discussion

- 5.1. The Working Group discussed the application on FAD-2015-0042 Hemicell L ([EFSA-Q-2016-00181](#)) and decided to inform the applicant on issues that required clarification
- 5.2. The Working Group discussed the application on FAD-2016-0003 L-Threonine ([EFSA-Q-2016-00074](#)) and decided to inform the applicant on issues that required clarification
- 5.3. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed.

6. Any Other Business

The WG was updated on the progress of the activity OC/EFSA/FEED/2015/01: Database on the taxonomical identification and potential toxigenic capacities of non-QPS production strains of industrially produced food and feed additives.

The WG was informed on the Info session with stakeholders that EFSA will hold on 14-15 July 2016.

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/GMM-FEEDAP2015-2018.pdf>

7. Next meeting

15-16 June 2016, Parma.

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 22nd meeting of the Working Group on Genetically Modified Microorganisms

Held on 14-15 March 2016, Parma

(Agreed on 11 May 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:**¹

Not Applicable.

- **European Commission and/or Member States representatives:**

Philippe Corbisier, Stefanie Trapmann and Christoph von Holst.²

- **EFSA:**

FEED Unit: Jaime Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of Agenda

The agenda was adopted without changes.

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

² Only for agenda point 5.3.

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes³ and the Decision of the Executive Director on Declarations of Interest,⁴ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 21st Working Group meeting held on 16-17 February 2016, Parma.

The minutes of the of the 21st Working Group meeting held on 16 February 2016 were agreed.⁵

5. Scientific topic(s) for discussion

- 5.1. The Working Group discussed the application on L-Threonine, technically pure ([EFSA-Q-2015-00555](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting
- 5.2. The Working Group discussed the application on L-lysine monohydrochloride ([EFSA-Q-2015-005563](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting
- 5.3. The Working Group continued the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed

6. Any Other Business

The WG was updated on the progress of the activity OC/EFSA/FEED/2015/01: Database on the taxonomical identification and potential toxigenic capacities of non-QPS production strains of industrially produced food and feed additives.

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

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

⁵ <http://www.efsa.europa.eu/sites/default/files/GMM-FEEDAP2015-2018.pdf>

7. Next meeting

11-12 May 2016, Barcelona

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 21st meeting of the Working Group on Genetically Modified Microorganisms

Held on 16-17 February 2016, Parma

(Agreed on 14 March 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Boet Glandorf, Lieve Herman, Sirpa Kärenlampi, Baltasar Mayo and Maria Saarela.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants.

2. Adoption of Agenda

The agenda was adopted without changes.

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 20th Working Group meeting held on 17-18 November 2015, Parma.

The minutes of the of the 20th Working Group meeting held on 17 November 2015 were agreed.⁴

5. Scientific topic(s) for discussion

- 5.1. The Working Group discussed the application on Hemcell HT (mannanase) for poultry and pigs ([EFSA-Q-2014-00115](#)) and decided to inform the applicant on issues that required clarification
- 5.2. The Working Group discussed the application on FAD-2015-0026 3-phytase ([EFSA-Q-2015-00482](#)) and decided to inform the applicant on issues that required clarification
- 5.3. The Working Group discussed the application on FAD-2010-0285 Belfeed B (xylanase) ([EFSA-Q-2010-01298](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting
- 5.4. The Working Group started the discussion on the Guidance Document for the Risk Assessment of additives produced with Genetically Modified Microorganisms ([EFSA-Q-2016-00069](#)) and decided that further discussions are needed

6. Any Other Business

Not Applicable

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/GMM-FEEDAP2015-2018.pdf>

7. Next meeting

14-15 March 2016

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 20th meeting of the Working Group on Genetically Modified Microorganisms

Held on 17-18 November 2015, Parma

(Agreed on 16 February 2016)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli (chair), Lieve Herman, Boet Glandorf, Sirpa Kärenlampi and Baltasar Mayo.

- **Hearing Experts:¹**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: Jaime Aguilera.

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Maria Saarela.

2. Adoption of Agenda

The agenda was adopted without changes

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

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes² and the Decision of the Executive Director on Declarations of Interest,³ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 19th Working Group meeting held on 03 November 2015, Tele-web conference.

The minutes of the of the 19th Working Group meeting held on 03 November 2015 were agreed.⁴

5. Scientific topic(s) for discussion

- 5.1. The Working Group discussed the application on L-threonine ([EFSA-Q-2015-00252](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- 5.2. The Working Group discussed the application on L-tryptophan, technically pure ([EFSA-Q-2015-00251](#)) and decided to present the draft opinion, modified accordingly, to the plenary meeting.
- 5.3. The Working Group discussed the application on L-threonine, technically pure ([EFSA-Q-2015-00555](#)) and decided to inform the applicant on issues that required clarification.
- 5.4. The Working Group discussed the application on L-lysine monohydrochloride ([EFSA-Q-2015-00556](#)) and decided to inform the applicant on issues that required clarification.
- 5.5. The Working Group discussed the application on Hemicell HT (mannanase) for poultry and pigs ([EFSA-Q-2014-00115](#)) and decided that further discussion is needed.

6. Any Other Business

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

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

⁴ <http://www.efsa.europa.eu/sites/default/files/GMM-FEEDAP2015-2018.pdf>

Baltasar Mayo was nominated as vice-chair of the Working Group.

7. Next meeting

16 -17 February 2016.

Scientific Panel on Additives and Products or Substances Used in Animal Feed

Minutes of the 19th meeting of the Working Group on Genetically Modified Microorganisms¹

Tele-web conference, 3 November 2015

(Agreed on 17 November 2015)

Participants

- **Working Group Members:**

Pier Sandro Cocconcelli, Lieve Herman, Boet Glandorf, Sirpa Kärenlampi, Baltasar Mayo.

- **Hearing Experts:²**

Not Applicable.

- **European Commission and/or Member States representatives:**

Not Applicable.

- **EFSA:**

FEED Unit: (Jaime Aguilera)

- **Others:**

Not Applicable.

1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Maria Saarela.

2. Adoption of agenda

The agenda was adopted without changes.

¹ Please refer to the Closed Working Group section for previous Working Group meeting minutes.

² As defined in Article 17 of the Decision of the Executive Director on the selection of external experts: <http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf>

3. Declarations of Interest of Working Group members

In accordance with EFSA's Policy on Independence and Scientific Decision-Making Processes³ and the Decision of the Executive Director on Declarations of Interest,⁴ EFSA screened the Annual Declaration of Interest and the Specific Declaration of Interest filled in by the working group members invited for the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process or at the Oral Declaration of Interest at the beginning of this meeting.

4. Agreement of the minutes of the 18th Working Group meeting held on 5 and 6 May 2015, Parma.

The minutes of the of the 18th Working Group meeting held on 9 June 2015 were agreed.⁵

5. Scientific topics for discussion

- 5.1. The Working Group revised the draft opinion on Vitamin B2 for all animal species ([EFSA-Q-2012-00953](#)) and decided to present it, modified accordingly, to the plenary meeting.
- 5.2. The Working Group discussed the application on Natuphos (6-phytase) for poultry and pigs ([EFSA-Q-2015-00054](#)) and decided to present it, modified accordingly, to the plenary meeting.

6. Any Other Business

- 6.1. Update on the plan to update the GMM GD and on the status of the procurement action: "Database on the taxonomical identification and potential toxigenic capacities of non-QPS production strains of industrially produced food and feed additives".

7. Next meeting(s)

17-18 November 2015.

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

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

⁵ <http://www.efsa.europa.eu/sites/default/files/assets/GMM-FEEDAP.pdf>