



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 32nd MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 27 November, 10 and 11 December 2020

(Agreed on 17 December 2020)

Participants

■ Working Group Members: ¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Angelica Amaduzzi, Montserrat Anguita, Rosella Brozzi, Lucilla Gregoretti, Gloria López Gálvez, Orsolya Holczknecht and Maria Vittoria Vettori

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No Apologies were received.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 to 4.3; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.4 to 4.13.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1. The Working Group (WG) continued the discussion on the application Maxiban G160 (Narasin and Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00739](#)) and decided that further discussion is needed.
- 4.2. The WG continued the discussion on the application Deccox[®] (E756) for chickens for fattening ([EFSA-Q-2020-00324](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.3. The WG discussed the application on Coxam (Amprolium) for chickens for fattening and chickens reared for laying ([EFSA-Q-2020-00535](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.4. The WG continued the discussion on Kemtrace chromium (chromium propionate) for all growing poultry species ([EFSA-Q-2019-00804](#)) and finalised the relevant sections of the draft opinion.
- 4.5. The WG discussed further the application on Manganese chelates of lysine and glutamic acid for all animal species ([EFSA-Q-2020-00310](#)) and finalised the section on the safety for the target species of the draft opinion.
- 4.6. The WG continued the discussion on the application B-Act[®] (*Bacillus licheniformis* DSM 28710) for laying hens, minor poultry for laying, poultry species for breeding purposes and ornamental birds ([EFSA-Q-2019-00525](#)) and finalised the section on efficacy of the draft opinion.
- 4.7. The WG discussed the application on Biacton (*Lactobacillus farciminis* CNCM I-3740) for laying hens, chickens and turkeys for fattening ([EFSA-Q-2020-00699](#)) and decided to inform the applicant on issues that require clarifications.
- 4.8. The WG discussed the application on Formi LHS (potassium diformate) for piglets (weaned) and pigs for fattening ([EFSA-Q-2019-00260](#)) and finalised the section on the safety for the target species of the draft opinion.
- 4.9. The WG continued the discussion on the application Balancius (Muramidase) for piglets (weaned) ([EFSA-Q-2020-00199](#)) and finalised the relevant sections of the draft opinion.

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



- 4.10. The WG discussed the application on GMP (Disodium 5'-guanylate) produced by fermentation with *Corynebacterium ammoniagenes* KCCM10530 and *Escherichia coli* K-12 (KFCC 11067) for all animal species ([EFSA-Q-2020-00267](#)) and decided that further discussion is needed.
- 4.11. The WG continued the discussion on the application Belfeed B MP/ML (endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Bacillus subtilis* LMG S-15136) for pigs and sows, in order to have benefit in piglets ([EFSA-Q-2020-00444](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.12. The WG discussed the application on Copper chelate of Ethylenediamine (CuEDA) for all animal species ([EFSA-Q-2019-00059](#)) and finalised the section on the safety for the target species of the draft opinion.
- 4.13. The WG discussed the application on BIO-THREE® (*Bacillus subtilis* TO-A (BS), *Enterococcus faecium* T-110 (EF), *Clostridium butyricum* TO-A (CB)) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species ([EFSA-Q-2020-00556](#)) and decided to inform the applicant on issues that require clarifications.
- 4.14. The following items were not discussed: Bafasal® (preparation of bacteriophages F/00069, F/00070, F/00071 and F/00097 infecting *Salmonella enterica* ser. Gallinarum B/00111) for all avian species ([EFSA-Q-2017-00724](#)), iron chelate of ethylenediamine for all animal species ([EFSA-Q-2018-01016](#)) and Sacox® (Dalinomycin sodium) for rabbits for fattening ([EFSA-Q-2020-00282](#)).

5. Any Other Business

Not applicable

6. Next meeting

14-15 January 2021

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 31st MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 5-6 November 2020

(Agreed on 6 November 2020)

Participants

■ Working Group Members: ¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Angelica Amaduzzi, Montserrat Anguita, Rosella Brozzi, Lucilla Gregoretti, Gloria López Gálvez, Orsolya Holczknecht and Maria Vittoria Vettori

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No Apologies were received.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.3 to 4.9.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1. The WG discussed the application on Maxiban G160 (Narasin and Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00739](#)) and decided that further discussion is needed.
- 4.2. The WG discussed the application on Nilablend 200G (Lasalocid A sodium – Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00591](#)) and finalised the sections on the safety and efficacy for the target species.
- 4.3. The WG discussed the application on 31 flavouring compounds belonging to different chemically defined groups for all animal species ([EFSA-Q-2020-00175](#)) and finalised the section on the safety for the target species.
- 4.4. The WG discussed the application on Zinc chelate of ethylenediamine as a feed additive for all animal species ([EFSA-Q-2018-00689](#)) and finalised the section on the safety for the target species.
- 4.5. The WG discussed the application on manganese chelate of ethylenediamine as feed additive for all animal species ([EFSA-Q-2018-00713](#)) and finalised the section on the safety for the target species.
- 4.6. The WG discussed the application on iron chelate of ethylenediamine for all animal species ([EFSA-Q-2018-01016](#)) and decided that further discussion is needed.
- 4.7. The WG discussed the application on Manganese chelates of lysine and glutamic acid for all animal species ([EFSA-Q-2020-00310](#)) and finalised the section on the safety for the target species.
- 4.8. The WG discussed the opinion on Bafasal® (preparation of bacteriophages F/00069, F/00070, F/00071 and F/00097 infecting *Salmonella enterica* ser. Gallinarum B/00111) for all avian species ([EFSA-Q-2017-00724](#)) and decided that further discussion is needed.
- 4.9. The WG discussed the application on B-Act® (*Bacillus licheniformis* DSM 28710) for laying hens, minor poultry for laying, poultry species for breeding purposes and ornamental birds ([EFSA-Q-2019-00525](#)) and decided that further discussion is needed.
- 4.10. The following items were not discussed: Kemtrace chromium (chromium propionate) for all growing poultry species ([EFSA-Q-2019-00804](#)), Deccox® (E756) for chickens for

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



fattening ([EFSA-Q-2020-00324](#)) and Formi LHS (potassium diformate) for piglets (weaned) and pigs for fattening ([EFSA-Q-2019-00260](#)).

5. Any Other Business

Not applicable

6. Next meeting

27th of November 2020

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 30th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 16 October 2020

(Agreed on 16 October 2020)

Participants

- Working Group Members:
Jürgen Gropp, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Orsolya Holczknecht and Maria Vittoria Vettori
- 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 modifications.



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 topics for discussion

- 4.1. The WG discussed the opinion on Deccox[®] (E756) for chickens for fattening ([EFSA-Q-2020-00324](#)) and decided to contact the applicant for issues that required clarification.

5. Any Other Business

Not applicable

6. Next meeting

5 and 6 of November 2020

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 29th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 2 October 2020

(Agreed on 5 October 2020 by written procedure)

Participants

■ Working Group Members: ¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht and Maria Vittoria Vettori

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No Apologies were received.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 to 4.3; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of item 4.4.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1. The Working Group (WG) discussed the opinion on Aviax[®] 5% (Semduramicin sodium) for chickens for fattening ([EFSA-Q-2019-00813](#)) finalised the assessment of the safety for the target animal.
- 4.2. The WG discussed the opinion on Deccox[®] (E756) for chickens for fattening ([EFSA-Q-2020-00324](#)) and decided that further discussion is needed.
- 4.3. The WG discussed the opinion on AVATEC[®] 150 G (Lasalocid A sodium) for pheasants, guinea fowl, quails and partridges ([EFSA-Q-2020-00597](#)) and decided to contact the applicant for issues that required clarification.
- 4.4. The WG discussed the opinion on Safety of 31 flavouring compounds belonging to different chemically defined groups for all animal species ([EFSA-Q-2020-00175](#)) and decided that further discussion is needed.
- 4.5. The opinion on Bafasal[®] (preparation of bacteriophages F/00069, F/00070, F/00071 and F/00097 infecting *Salmonella enterica* ser. Gallinarum B/00111) for all avian species ([EFSA-Q-2017-00724](#)) was not discussed due to the lack of time.

5. Any Other Business

Not applicable

6. Next meeting

5 and 6 of November 2020

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 28th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 10 September 2020

(Agreed on 2 October 2020)

Participants

■ Working Group Members: ¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Gloria López Gálvez, Joana Revez, Maria Vittoria Vettori

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. No Apologies were received.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.3 to 4.5.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1. The Working Group (WG) revised the opinion on Stenorol® (halofuginone hydrobromide) for chickens for fattening and turkeys ([EFSA-Q-2012-00407](#)). The opinion was originally adopted in July 2020. However, after adoption it was identified that due to a clerical mistake, some information submitted by the applicant had not been made available to the Working Group. The information has now been assessed and the updated opinion will be submitted to the Panel for discussion.
- 4.2. The WG discussed the draft opinion on Coxam® (amprolium) for chickens for fattening, chickens reared for laying ([EFSA-Q-2020-00535](#)) and decided to inform the applicant on issues that required clarifications.
- 4.3. The WG discussed the draft opinion on Belfeed B MP/ML (endo-1,4-beta-xylanase EC 3.2.1.8 produced by *Bacillus subtilis* LMG S-15136) for pigs and sows, in order to have benefit in piglets ([EFSA-Q-2020-00444](#)) and decided to inform the applicant on issues that required clarification.
- 4.4. The WG discussed the draft opinion on KemTRACE chromium (chromium propionate) for all growing poultry species ([EFSA-Q-2019-00804](#)) and decided to inform the applicant on issues that required clarification.
- 4.5. The WG discussed the draft opinion on Manganese chelates of lysine and glutamic acid (ProPath Mn) for all animal species ([EFSA-Q-2020-00310](#)) and decided to inform the applicant on issues that required clarification.
- 4.6. The application on Aviax® 5% (Semduramicin sodium) for chickens for fattening ([EFSA-Q-2019-00813](#)) was not discussed due to the lack of time.

5. Any Other Business

The opinion on Avatec® 150G (lasalocid A sodium) chickens for fattening and chickens reared for laying ([EFSA-Q-2019-00494](#)) was adopted in July 2020. The experts were informed that the applicant

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



requested a clarification teleconference following the adoption of the opinion as foreseen in [EFSA's Catalogue of services](#).

6. Next meeting

2 October 2020

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 27th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 24 July 2020

(Agreed on 10th September)

Participants

- Working Group Members:
Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová and Mariana Petkova
- Hearing Experts:
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

EFSA welcomed the participants. Apologies were received from Guido Rychen.

2. Adoption of agenda

The agenda was adopted without modifications.



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 topics for discussion

- 4.1. The Working Group discussed the draft opinion on Hostazym[®] X (endo-1,4-beta-xylanase) for sows in order to have benefit in piglets ([EFSA-Q-2020-00396](#)) and decided to inform the applicant on issues that required clarification.

5. Any Other Business

Not applicable

6. Next meeting

10 September 2020

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 26th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference, 2 and 3 of July 2020

(Agreed on 10 July by written procedure)

Participants

- Working Group Members:
Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:¹
Ruud Woutersen
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Orsolya Holczknecht, Fabiola Pizzo, and Maria Vittoria Vettori
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Ruud Woutersen participated to agenda item number 4.3.



2. Adoption of agenda

The agenda was adopted after removal of the item on Manganese chelates of lysine and glutamic acid (ProPath Mn) for all animal species ([EFSA-Q-2020-00310](#)).

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 topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on Nicarb[®] (Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00768](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The WG discussed the draft opinion on Avatec[®] 150G (Lasalocid A sodium) for turkeys for fattening ([EFSA-Q-2019-00745](#)) and decided to inform the applicant on issues that required clarification.
- 4.3. The WG continued the discussion on the draft opinion on Bovaer[®] 10 (3-nitrooxypropanol) for dairy cows for milk production, cows for reproduction, dairy sheep for milk production, ewes for reproduction, dairy goats for milk production, goats for reproduction, other ruminants for milk production, other ruminants for reproduction ([EFSA-Q-2019-00592](#)) and finalised the section on the safety for the target species.
- 4.4. Item not discussed: Hostazym[®] X (endo-1,4-beta-xylanase) for sows in order to have benefit in piglets ([EFSA-Q-2020-00396](#)).

5. Any Other Business

Not applicable

6. Next meeting

24 July 2020

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 25th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Parma, 19 June 2020

(Agreed on 25 June 2020 by written procedure)

Participants

■ Working Group Members:¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Angelica Amaduzzi, Montserrat Anguita, Rosella Brozzi, Orsolya Holczknecht, Gloria López Gálvez, and Maria Vittoria Vettori

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis, Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.3 to 4.7.



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. Scientific topics for discussion

- 4.1. The Working Group (WG) continued the discussion on the draft opinion on Avatec® 150G (Lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) ([EFSA-Q-2019-00494](#)) and decided to present it, modified accordingly, at the plenary meeting.
- 4.2. The WG discussed the draft opinion on Avatec® 150G (Lasalocid A sodium) for turkeys for fattening ([EFSA-Q-2019-00745](#)) and decided that further discussion is needed.
- 4.3. The WG discussed the draft opinion on Manganese chelates of lysine and glutamic acid (ProPath Mn) for all animal species ([EFSA-Q-2020-00310](#)) and decided to inform the applicant on issues that require clarification.
- 4.4. The WG discussed the draft opinion on Balancius (Muramidase) for Piglets (weaned) ([EFSA-Q-2020-00199](#)) and decided to inform the applicant on issues that require clarification.
- 4.5. The WG discussed the draft opinion on Beltherm MP and Beltherm ML (Endo-1,4-beta-xylanase) for laying hens, minor poultry species, all avian species ([EFSA-Q-2020-00004](#)) and decided to inform the applicant on issues that require clarification.
- 4.6. The WG continued the discussion on the draft opinion on ROVABIO® ADVANCE powder and liquid (endo-1,4-beta-xylanase and endo-1,3(4)-beta-glucanase) for pigs for fattening and piglets (weaned) ([EFSA-Q-2020-00147](#)) and decided to inform the applicant on issues that require clarification.
- 4.7. The WG continued the discussion on the draft opinion on Bonvital (*Enterococcus faecium* DSM 7134) for laying hens ([EFSA-Q-2018-00419](#)) and decided to present it, modified accordingly, at the plenary meeting.

5. Any Other Business

Not applicable

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



6. Next meeting

2 and 3 July 2020



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 24th MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Tele-webconference 10 June 2020

(Agreed on 17 June by written procedure)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Angelica Amaduzzi, Montserrat Anguita, Gloria López Gálvez, Orsolya Holczknecht, Jordi Tarrés Call, and Maria Vittoria Vettori

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.1 to 4.4.



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. Scientific topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on NILABLEND 200G (Lasalocid A sodium - Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00591](#)) and decided that further discussion is needed.
- 4.2. The WG discussed the draft opinion on Avatec® 150G (Lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) ([EFSA-Q-2019-00494](#)) and decided that further discussion is needed.
- 4.3. The WG discussed the draft opinion on Vitamin K₁ (phytomenadione) for horses ([EFSA-Q-2020-00142](#)) and decided that further discussion is needed.
- 4.4. The WG discussed the draft opinion on ZENzyme® (zearalenone hydrolase) for all terrestrial animal species ([EFSA-Q-2020-00008](#)) and decided that further discussion is needed.

5. Any Other Business

Not applicable

6. Next meeting

19 June

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 23rd MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Parma, 15 May 2020

(Agreed on 20 May 2020 by written procedure)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Fabiola Pizzo and Maria Vittoria Vettori

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.3 and 4.4.



2. Adoption of agenda

The agenda was adopted with the following change: the item on Zinc chelate of Ethylenediamine (ZnEDA) for all animal species ([EFSA-Q-2018-00689](#)) was removed from the agenda.

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 topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on NILABLEND 200G (Lasalocid A sodium - Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00591](#)) and decided that more discussion is needed.
- 4.2. The WG discussed the draft opinion on Avatec 150G (Lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) ([EFSA-Q-2019-00494](#)) and decided to inform the applicant on issues that required clarification.
- 4.3. The WG discussed the draft opinion on ROVABIO® ADVANCE powder and liquid (endo-1,4-beta-xylanase and endo-1,3(4)-beta-glucanase) for pigs for fattening and piglets (weaned) ([EFSA-Q-2020-00147](#)) and decided that more discussion is needed.
- 4.4. The WG discussed the draft opinion on OptiPhos® PLUS (6-phytase) for piglets (suckling and weaned piglets), pigs for fattening, sows, other minor pig species for fattening, other minor reproductive pig species ([EFSA-Q-2019-00479](#)) and finalised the assessment regarding the safety and efficacy of the additive for the target species.

5. Any Other Business

Not applicable

6. Next meeting

10 June 2020

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 22ND MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Parma, 28 April 2020

(Agreed on 30 April 2020)¹

Participants

- Working Group Members:
Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Jordi Tarrés Call and Fabiola Pizzo
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted without changes.

¹ In written procedure.



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 topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on Preparation of 3-phytase FLF1000 produced by *Komagataella pastoris* (CECT 13094) ([EFSA-Q-2020-00251](#)) and finalised the opinion.
- 4.2. The WG discussed the draft opinion on L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum* (KFCC 11043) for all animal species ([EFSA-Q-2019-00194](#)) and finalised the section on the safety for the target species.
- 4.3. The WG discussed the draft opinion on Aextra[®] XAP 104 TPT (endo-1,4-beta-xylanase, alpha-amylase and protease) for chickens for fattening, laying hens and all minor poultry species (EFSA-Q-2017-00717 ([EFSA-Q-2017-00717](#))) and finalised the sections on the safety and efficacy for the target species.
- 4.4. The WG discussed the draft opinion on OptiPhos[®] PLUS (6 phytase produced by *Komagataella phaffii* DSM 32854) for laying hens, turkeys for breeding, chickens for breeding, minor poultry species for egg production purposes and breeding ([EFSA-Q-2019-00526](#)) and finalised the sections on the safety and efficacy for the target species.
- 4.5. Item not discussed: ROVABIO[®] ADVANCE powder & liquid (Endo-1,4-beta-xylanase (EC 3.2.1.8), Endo-1,3(4)-beta-glucanase (EC 3.2.1.6)) for pigs for fattening, piglets (weaned) ([EFSA-Q-2020-00147](#)).

5. Any Other Business

A discussion took place regarding the compliance of tolerance and efficacy studies in target species with the provisions of Directive 63/2010/EU⁴ on the protection of animals used for scientific purposes. The Guidance on the safety for the target species⁵ and the Guidance on the assessment of the efficacy of feed additives⁶ both require that "Studies should be performed and documented according to appropriate quality standards and should respect the rules on animal welfare laid down by EU legislation, particularly those listed in Directive 63/2010/EU". This compliance should be clearly indicated/reported in the report of the studies by i) the ethical statement, indicating compliance with relevant guidelines for the care and use of animals, ii) housing and husbandry conditions in which the

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 Directive 2010/63/EU of the European Parliament and of the Council of 22 September 2010 on the protection of animals used for scientific purposes Text with EEA relevance *OJ L 276, 20.10.2010, p. 33–79*

⁵ <https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2017.5021>

⁶ <https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2018.5274>



animals were kept during the study and iii) experimental procedures followed during the study. The WG wishes to raise the attention of applicants on the compliance and reporting on these aspects in the study reports sent for assessment.

6. Next meeting

15 May 2020



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 21ST MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Parma, 24 April 2020

(Agreed on 28 April 2020)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Konstantinos Sofianidis and Maria Vittoria Vettori

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from Secundino López Puente.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.3 to 4.5.



2. Adoption of agenda

The agenda was adopted with the following change: the item on Zinc chelate of Ethylenediamine (ZnEDA) for all animal species ([EFSA-Q-2018-00689](#)) was removed from the agenda.

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 topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on NILABLEND 200G (Lasalocid A sodium - Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00591](#)) and decided that more discussion is needed.
- 4.2. The WG discussed the draft opinion on Avatec 150G (Lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) ([EFSA-Q-2019-00494](#)) and decided that more discussion is needed.
- 4.3. The WG discussed the draft opinion on APSA PHYTAFEED® 20,000 GR, APSA PHYTAFEED® 20,000 L (6-phytase) for laying hens and other laying birds ([EFSA-Q-2019-00461](#)) and finalised the sections regarding the safety and efficacy for the target species.
- 4.4. The WG discussed the draft opinion on ECONASE® XT (endo-1,4-beta-xylanase) for piglets (weaned), pigs for fattening, chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding and minor poultry species ([EFSA-Q-2019-00330](#)) and finalised the section regarding the safety for the target species.
- 4.5. The WG discussed the draft opinion on Aextra® XAP 104 TPT (endo-1,4-beta-xylanase, alpha-amylase and protease) for chickens for fattening, laying hens and all minor poultry species (EFSA-Q-2017-00717 ([EFSA-Q-2017-00717](#))) and decided that more discussion is needed.
- 4.6. Items not discussed: OptiPhos® PLUS (6 phytase produced by *Komagatella phaffii* DSM 32854) for laying hens, turkeys for breeding, chickens for breeding, minor poultry species for egg production purposes and breeding ([EFSA-Q-2019-00526](#)).

5. Any Other Business

Not applicable

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



6. Next meeting

28 of April



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 18TH, 19TH and 20TH MEETING OF THE WORKING GROUP ON

ANIMAL NUTRITION

Parma, 27-30 and 31 March 2020

(Agreed on 31 March 2020)

Participants

- Working Group Members:¹
Vasileios Bampidis (Chair), Noël Dierick, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Jordi Tarrés Call and Fabiola Pizzo
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 and 4.2; Vasileios Bampidis (Chair), Noël Dierick, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Giovanna Martelli and Alena Pechová participated to the discussion of items 4.3 to 4.8.



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. Scientific topics for discussion

- 4.1. The WG discussed the draft opinion on Stenorol® (Halofuginone hydrobromide) for chickens for fattening and turkeys ([EFSA-Q-2012-00407](#)) and decided to present the draft opinion to the Plenary meeting.
- 4.2. The WG discussed the draft opinion on 0073 Aviax® 5% (Semduramicin sodium) for chickens for fattening ([EFSA-Q-2019-00813](#)) and decided to contact the applicant on issues that required clarification.
- 4.3. The WG discussed the draft opinion on Propath Iron (Iron chelates of lysine and glutamic acid) for all animal species ([EFSA-Q-2019-00644](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.4. The WG discussed the draft opinion on Bonvital (*Enterococcus faecium* DSM 7134) for laying hens ([EFSA-Q-2018-00419](#)) and decided to contact the applicant on issues that required clarification.
- 4.5. The WG discussed the draft opinion on TechnoSpore (*Bacillus coagulans* DSM 32016) for piglets (suckling and weaned), other growing suidae, chickens for fattening, other poultry for fattening and ornamental birds ([EFSA-Q-2019-00313](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.6. The WG discussed the draft opinion on B-Act® (*Bacillus licheniformis* DSM 28710) for laying hens, minor poultry for laying, poultry species for breeding purposes and ornamental birds ([EFSA-Q-2019-00525](#)) and decided to contact the applicant on issues that required clarification.
- 4.7. The WG discussed the draft opinion on the safety of 31 flavouring compounds belonging to different chemically defined groups for all animal species ([EFSA-Q-2020-00175](#)) and decided to contact the applicant on issues that required clarification.
- 4.8. Items not discussed: ECONASE® XT (endo-1,4-beta-xylanase) for piglets (weaned), pigs for fattening, chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding and minor poultry species ([EFSA-Q-2019-00330](#)) and EMA guidance on coccidiostats.

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



5. Any Other Business

Not applicable

6. Next meeting

24 of April



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 17TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Teleweb-conference 27-28 February 2020

(Agreed on 27 March 2020)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Montserrat Anguita, Rosella Brozzi, Orsolya Holczknecht, Jordi Tarrés Call and Maria Vittoria Vettori

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Jürgen Gropp, Mariana Petkova and Guido Rychen participated to the discussion of items 4.1 to 4.3; Vasileios Bampidis (Chair), Maryline Kouba, Marta López-Alonso, Secundino López Puente and Alena Pechová participated to the discussion of items 4.1 and 4.4 to 4.6.



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. Scientific topics for discussion

- 4.1. The WG discussed the draft opinion on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species ([EFSA-Q-2018-00693](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.2. The WG discussed the draft opinion on Cygro® 10G (Maduramicin ammonium) for turkeys ([EFSA-Q-2019-00035](#)) and to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.3. The WG discussed the draft opinion on Stenorol® (Halofuginone hydrobromide) for chickens for fattening and turkeys ([EFSA-Q-2012-00407](#)) and decided that further discussion is needed.
- 4.4. The WG discussed the draft opinion on Biacton (*Lactobacillus farciminis* CNCM MA67/4R) for laying hens, chickens and turkeys for fattening ([EFSA-Q-2016-00711](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.5. The WG discussed the draft opinion on Biacton (*Lactobacillus farciminis* CNCM MA67/4R) for laying hens, chickens and turkeys for fattening ([EFSA-Q-2016-00712](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.6. Items not discussed: Propath Iron (Iron chelates of lysine and glutamic acid) for all animal species ([EFSA-Q-2019-00644](#)), Bonvital (*Enterococcus faecium* DSM 7134) for laying hens ([EFSA-Q-2018-00419](#)) and EMA guidance on the efficacy of coccidiostats

5. Any Other Business

The WG members were informed that the composition of the working will be updated in order to incorporate new experts to the working group.

6. Next meeting

27-30-31 March 2020

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 16TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Parma, 30 and 31 January 2020

(Agreed on 7 February 2020)

Participants

- Working Group Members:¹
Vasileios Bampidis (Chair), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Jordi Tarrés Call and Fabiola Pizzo
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Marta López-Alonso and Secundino López Puente participated via teleconference.



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. Scientific topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on Bovaer® 10 (3-nitrooxypropanol) for dairy cows for milk production, cows for reproduction, dairy sheep for milk production, ewes for reproduction, dairy goats for milk production, goats for reproduction, other ruminants for milk production, other ruminants for reproduction ([EFSA-Q-2019-00592](#)) and decided that further discussion is needed.
- 4.2. The WG discussed the draft opinion on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species ([EFSA-Q-2018-00693](#)) and decided that further discussion is needed.

5. Any Other Business

Not applicable

6. Next meeting

27-28 February 2020

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 15TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 9 January 2020

(Agreed on 30 January 2020)

Participants

■ Working Group Members:¹

Vasileios Bampidis (Chair of the WG), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Fabiola Pizzo and Maria Vittoria Vettori

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Vasileios Bampidis, Marta López-Alonso, Secundino López Puente and Alena Pechová participated in the discussion of items 4.1 to 4.3, Jürgen Gropp, Maryline Kouba, Mariana Petkova and Guido Rychen participated to the discussion of items 4.4 and 4.5.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on Bovaer® 10 (3-nitrooxypropanol) for dairy cows for milk production, cows for reproduction, dairy sheep for milk production, ewes for reproduction, dairy goats for milk production, goats for reproduction, other ruminants for milk production, other ruminants for reproduction ([EFSA-Q-2019-00592](#)) and decided that further discussion is needed.
- 4.2. The WG discussed the application on Syncra® SWI 201 TPT (*Bacillus amyloliquefaciens* BS918, *Bacillus amyloliquefaciens* BS1013, *Bacillus subtilis* BS3BP5 and Protease) for pigs for fattening and other growing *Suidae* ([EFSA-Q-2019-00480](#)) and decided that further discussion is needed.
- 4.3. The WG discussed the application on Ronozyme® VP (CT/L) (endo-1,3(4)-beta-glucanase) for weaned piglets and chickens for fattening ([EFSA-Q-2019-00528](#)) and decided to contact the applicant on issues that required clarification.
- 4.4. The WG discussed the draft opinion on Cygro® 10G (Maduramicin ammonium) for turkeys ([EFSA-Q-2019-00035](#)) and decided that further discussion is needed.
- 4.5. The WG discussed the draft opinion on Nilablend 200G (Lasalocid A sodium – Nicarbazin) for chickens for fattening ([EFSA-Q-2019-00591](#)) and decided that further discussion is needed.

5. Any Other Business

Not applicable

6. Next meeting

30-31 January 2020

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 14TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 17 and 20 December 2019

(Agreed on 20 December 2019)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair of the WG), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Angelica Amaduzzi, Montserrat Anguita, Matteo Lorenzo Innocenti, Gloria López-Gálvez, Paola Manini and Konstantinos Sofianidis

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Alena Pechová and Marta López-Alonso participated on the discussion of items 4.1 and 4.2 on the 17th of December. All members except Alena Pechová participated on the discussion of items 4.3 and 4.4 on the 20th of December



2. Adoption of agenda

The agenda was adopted with the following modification: the dossier on Bovaer® 10 (3-nitrooxypropanol) for dairy cows for milk production, cows for reproduction, dairy sheep for milk production, ewes for reproduction, dairy goats for milk production, goats for reproduction, other ruminants for milk production, other ruminants for reproduction ([EFSA-Q-2019-00592](#)) was dropped from the agenda.

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 topics for discussion

- 4.1. The Working Group (WG) discussed the draft opinion on Iron chelates of lysine and glutamic acid (ProPath Fe) for all animal species ([EFSA-Q-2019-00644](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The WG discussed the draft opinion on Copper Chelate of hydroxy analogue of methionine (Mintrex®Cu) for all animal species ([EFSA-Q-2019-00358](#)) and decided that further discussion is needed.
- 4.3. The WG discussed the draft opinion on Agolin Ruminant (preparation of eugenol and coriander seed oil) as a feed additive for dairy cows for milk production ([EFSA-Q-2019-00459](#)) and decided to inform the applicant on issues that required clarification.
- 4.4. The WG discussed the draft opinion on Phyllite, natural mixture of minerals of metamorphic origin for all animal species ([EFSA-Q-2016-00078](#)) and finalised the section on the safety for the target species.

5. Any Other Business

Not applicable

6. Next meeting

9 January 2020

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 13TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 13 December 2019

(Agreed on 20 December 2019)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair of the WG), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Fabiola Pizzo and Maria Vittoria Vettori

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Vasileios Bampidis, Marta López-Alonso, Secundino López Puente and Alena Pechová participated in the discussion of items 4.1 and 4.3; Jürgen Gropp, Maryline Kouba, Mariana Petkova and Guido Rychen participated in the discussion of item 4.2.



2. Adoption of agenda

The agenda was adopted with the following modification: the application on Syncra® SWI 201 TPT (*Bacillus amyloliquefaciens* BS918, *Bacillus amyloliquefaciens* BS1013, *Bacillus subtilis* BS3BP5 and Protease) for pigs for fattening and other growing *Suidae* ([EFSA-Q-2019-00480](#)) was added to the agenda.

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 topics for discussion

- 4.1. The WG discussed the draft opinion on Bovaer® 10 (3-nitrooxypropanol) for dairy cows for milk production, cows for reproduction, dairy sheep for milk production, ewes for reproduction, dairy goats for milk production, goats for reproduction, other ruminants for milk production, other ruminants for reproduction ([EFSA-Q-2019-00592](#)) and decided that more discussion is needed.
- 4.2. The WG discussed the draft opinion on Avatec 150G (Lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) except laying birds ([EFSA-Q-2019-00494](#)) and decided that further discussion is needed.
- 4.3. The WG discussed the application on Syncra® SWI 201 TPT (*Bacillus amyloliquefaciens* BS918, *Bacillus amyloliquefaciens* BS1013, *Bacillus subtilis* BS3BP5 and Protease) for pigs for fattening and other growing *Suidae* ([EFSA-Q-2019-00480](#)) and decided that further discussion is needed.

5. Any Other Business

Not applicable.

6. Next meeting

20 December 2019

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 12TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 21 November 2019

(Agreed on 28 November 2019)

Participants

- Working Group Members:¹

Vasileios Bampidis (Chair of the WG), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen

- Hearing Experts:

Not Applicable

- European Commission and/or Member States representatives:

Not Applicable

- EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Konstantinos Sofianidis and Maria Vittoria Vettori

- Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Vasileios Bampidis, Marta López-Alonso, Secundino López Puente and Alena Pechová participated in the discussion of items 4.1 to 4.3; Jürgen Gropp, Maryline Kouba, Mariana Petkova and Guido Rychen participated in the discussion of items 4.4 and 4.5.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1. The WG discussed the draft opinion on Sepiolite for all animal species ([EFSA-Q-2019-00428](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The WG discussed the draft opinion on ECONASE® XT (endo-1,4-beta-xylanase) for piglets (weaned), pigs for fattening, chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding and minor poultry species ([EFSA-Q-2019-00330](#)) and decided to inform the applicant on issues that required clarification.
- 4.3. The WG discussed the draft opinion on APSA PHYTAFEED® 20,000 GR/L (6-phytase) as a feed additive for laying hens ([EFSA-Q-2019-00461](#)) and decided to inform the applicant on issues that required clarification.
- 4.4. The WG discussed the draft opinion on Stenorol® (Halofuginone hydrobromide) for chickens for fattening and turkeys ([EFSA-Q-2012-00407](#)) and decided that further discussion is needed.
- 4.5. The WG discussed the draft opinion on Avatec 150G (Lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) except laying birds ([EFSA-Q-2019-00494](#)) and decided that further discussion is needed.

5. Any Other Business

Not applicable.

6. Next meeting

13 December 2019

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 11TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 17 October 2019

(Agreed on 22 October 2019)

Participants

■ Working Group Members:

Vasileios Bampidis (Chair of the WG), Marta López-Alonso, Secundino López Puente and Alena Pechová have participated in agenda points 4.1 and 4.2;

Jürgen Gropp, Maryline Kouba, Mariana Petkova and Guido Rychen have participated in agenda point 4.3

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Montserrat Anguita, Orsolya Holczknecht, Gloria López-Gálvez and Jordi Tarrés-Call

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted without modifications.



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 topics for discussion

- 4.1. The WG discussed the draft opinion on sepiolite and diatomaceous earth for all terrestrial species ([EFSA-Q-2019-00301](#)) and decided to inform the applicant on issues that required clarification.
- 4.2. The WG discussed the draft opinion on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species ([EFSA-Q-2018-00693](#)) and finalised the safety and efficacy sections.
- 4.3. The WG discussed the draft opinion on STENOROL® (halofuginone hydrobromide) for chickens for fattening and turkeys ([EFSA-Q-2012-00407](#)) and decided that further discussion is needed.
- 4.4. Items not discussed: APSA PHYTAFEED® 20,000 GR, APSA PHYTAFEED® 20,000 L for laying hens and other laying birds ([EFSA-Q-2019-00461](#)), Avatec 150G (lasalocid A sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening, minor avian species (pheasants, guinea fowl, quails and partridges) ([EFSA-Q-2019-00494](#)) and sepiolite for all animal species ([EFSA-Q-2019-00428](#)).

5. Any Other Business

Not Applicable

6. Next meeting

21 November 2019

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 10TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

Parma, 17 -18 September 2019

(Agreed on 27 September 2019)

Participants

■ Working Group Members:¹

Vasileios Bampidis (Chair of the WG), Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen

■ Hearing Experts:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed unit: Montserrat Anguita, Jaume Galobart, Orsolya Holczknecht, Matteo Lorenzo Innocenti, Gloria López-Gálvez, Paola Manini and Jordi Tarrés-Call

■ Others:

Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

¹ Jürgen Gropp participated on day 18 to agenda items 4.7 and 4.8, Marta López-Alonso and Secundino López Puente participated on teleconference basis.



2. Adoption of agenda

The agenda was adopted without modifications.

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 topics for discussion

- 4.1.** The Working group (WG) discussed the draft opinion on Capsozyme SB Plus (endo-1,4-beta-xylanase and alpha-galactosidase) chickens for fattening, chickens reared for laying and minor poultry species for fattening and reared for laying ([EFSA-Q-2017-00837](#)) and finalised the sections regarding the safety and efficacy for the target species.
- 4.2.** The WG discussed the draft opinion on Axtra® XAP 104 TPT (endo-1,4-beta-xylanase, alpha-amylase and protease) 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.
- 4.3.** The WG discussed the draft opinion on Ferric citrate chelate for weaned and suckling piglets and minor porcine species ([EFSA-Q-2018-00758](#)) and finalised the sections regarding the safety and efficacy for the target species.
- 4.4.** The WG discussed the draft opinion on Olive extract, olive leaf extract (*Olea europaea* L.) for all animal species ([EFSA-Q-2018-00621](#)) and finalised the section regarding the safety for the target species.
- 4.5.** The WG discussed the draft opinion on Sepiolite and diatomaceous earth for all terrestrial species ([EFSA-Q-2019-00301](#)) and decided that further discussion is needed.
- 4.6.** The WG discussed the draft opinion on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species ([EFSA-Q-2018-00693](#)) and decided that further discussion is needed.
- 4.7.** The WG discussed the draft opinion on Halofuginone hydrobromide for chickens for fattening and turkeys ([EFSA-Q-2012-00407](#)) and decided that further discussion is needed.
- 4.8.** The WG discussed the draft opinion on Maduramicin ammonium for turkeys ([EFSA-Q-2019-00035](#)) and decided that 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



- 4.9.** The WG discussed the draft opinion on APSA PHYTAFEED® 20,000 GR, APSA PHYTAFEED® 20,000 L for laying hens and other laying birds ([EFSA-Q-2019-00461](#)) and decided that further discussion is needed.

5. Any Other Business

Not Applicable

6. Next meeting

17 October



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 9TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 6 September 2019

(Agreed on 6 September 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita and Rosella Brozzi
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted without modifications.



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 topics for discussion

- 4.1.** The Working group discussed the draft opinion on EB15 (*Bacillus subtilis* DSM 25841) for weaned piglets and weaned minor porcine species ([EFSA-Q-2019-00217](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.2.** The Working group discussed the draft opinion on ZM16 (*Bacillus amyloliquefaciens* DSM 25840) for weaned piglets and weaned minor porcine species([EFSA-Q-2019-00079](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting
- 4.3.** The Working group discussed the draft opinion on ZM16 (*Bacillus amyloliquefaciens* DSM 25840) for pigs for fattening, sows, piglets (weaned, suckling) and other minor porcine species ([EFSA-Q-2018-00678](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.4.** The Working group discussed the draft opinion on EB15 (*Bacillus subtilis* DSM 25841) for pigs for fattening, sows, piglets (weaned, suckling) and other minor porcine species ([EFSA-Q-2018-00679](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.5.** The Working group discussed the draft opinion on Natugrain® TS/TS L (endo-1,4-beta-xylanase, endo-1,4-beta-glucanase) for sows in order to have benefit in piglets ([EFSA-Q-2017-00651](#)) and decided to present the draft opinion, modified accordingly, to the Plenary meeting.
- 4.6.** Item not discussed: Capsozyme SB Plus (endo-1,4-beta-xylanase and alpha-galactosidase) chickens for fattening, chickens reared for laying and minor poultry species for fattening and reared for laying ([EFSA-Q-2017-00837](#)).

5. Any Other Business

Not Applicable

6. Next 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



17 and 18 September 2019



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 8TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 12 July 2019

(Agreed on 12 July 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Rosella Brozzi, Jordi Tarrés-Call and Maria Vittoria Vettori
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted with/without modifications.



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 topics for discussion

- 4.1. The Working group discussed the draft opinion on Nutrase P (6-phytase) for chickens for fattening, other poultry for fattening, reared for laying and ornamental birds ([EFSA-Q-2019-00155](#)) and decided to inform the applicant on issues regarding the efficacy for the target species that required clarification.
- 4.2. The Working group discussed on the draft opinion on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species ([EFSA-Q-2018-00693](#)) and decided to inform the applicant on issues that required clarification.
- 4.3. The Working group discussed the draft opinion on Bafasal® (preparation of four bacteriophages infecting *Salmonella enterica* ser. Gallinarum 1) for all avian species ([EFSA-Q-2017-00724](#)) as a feed additive for all avian species and finalised the section on the safety for the target species but considered that discussion is needed regarding the efficacy.

5. Any Other Business

Not Applicable

6. Next meeting

6 September 2019

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



FEED UNIT

SCIENTIFIC PANEL ON ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 7TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 17 June 2019

(Agreed on 12 July 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Lucilla Gregoretti, Orsolya Holczknecht
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted with/without modifications.



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 topics for discussion

- 4.1.** The working group discussed the draft opinion on iron chelate ethylenediamine for all animal species ([EFSA-Q-2018-01016](#)) and decided inform the applicant on issues regarding the safety for the target species that required clarification.
- 4.2.** The working group discussed on the draft opinion on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species ([EFSA-Q-2018-00693](#)) and decided that more discussion is needed.
- 4.3.** The working group discussed the draft opinion on a preparation of 3-phytase (EC 3.1.3.8) produced by *Komagataella pastoris* (CECT 13094) for pigs for fattening and minor porcine species ([EFSA-Q-2017-00447](#)) and finalised the sections regarding the safety and efficacy of the additive for the target species.
- 4.4.** The working group discussed the draft opinion on Ronozyme® WX (CT)/Ronozyme® WX (L) (endo-1,4-beta-xylanase) for sows for reproduction ([EFSA-Q-2018-00622](#)) and finalised the sections regarding the safety and efficacy of the additive for the target species.

5. Any Other Business

Not Applicable

6. Next meeting

12 July 2019

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 6TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 27 May 2019

(Agreed on 4 June 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Jürgen Gropp, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová, Mariana Petkova and Guido Rychen
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Lucilla Gregoretti, Orsolya Holczknecht
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted without modifications.



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 topics for discussion

- 4.1. The Working group discussed the draft opinion on the preparation of 3-phytase produced by *Komagataella pastoris* (CECT 13094) for pigs for fattening and minor porcine species ([EFSA-Q-2017-00447](#)) and decided that more discussion is needed.
- 4.2. The Working group discussed on the draft opinion on *Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699 as a feed additive for all animal species ([EFSA-Q-2017-00754](#)) and finalised the section regarding the efficacy of the additive.
- 4.3. The Working group discussed the draft opinion on Cygro® 10G (Maduramicin ammonium) for turkeys ([EFSA-Q-2019-00035](#)) and decided to inform the applicant on issues regarding the efficacy that require clarification.
- 4.4. The following item was not discussed: Iron chelate ethylenediamine for all animal species ([EFSA-Q-2018-01016](#)).

5. Any Other Business

Not Applicable

6. Next meeting

17 June 2019

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 5TH MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 5 April 2019

(Agreed on 5 April 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová and Mariana Petkova
- Hearing Experts:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed unit: Montserrat Anguita, Rosella Brozzi and Gloria López Gálvez.
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

2. Adoption of agenda

The agenda was adopted with the following modifications: i) the dossier on Erythrosine for ornamental fish, cats and dogs ([EFSA-Q-2019-00048](#)) was removed from the agenda, and ii) the following items were included in the agenda Zinc chelate of ethylenediamine for all animal species ([EFSA-Q-2018-00689](#)) and Manganese chelate of Ehtylenediamine for all animal species ([EFSA-Q-2018-00713](#)).



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 topics for discussion

- 4.1. The Working group discussed the draft opinion on Levucell SC as a feed additive for calves and other (pseudo) ruminant species at the corresponding developmental stage ([EFSA-Q-2018-00630](#)) and decided to inform the applicant on issues that require clarification.
- 4.2. The Working group discussed the draft opinion on EB15 (*Bacillus subtilis* DSM 25841) as a feed additive for pigs for fattening, sows, piglets (weaned, suckling) and other minor porcine species ([EFSA-Q-2018-00679](#)) and decided to to inform the applicant on issues that require clarification.
- 4.3. The Working group discussed on the draft opinion on ZM16 (*Bacillus amyloliquefaciens* DSM 25840) as a feed additive for weaned piglets and minor porcine species ([EFSA-Q-2019-00079](#)) and decided to inform the applicant on issues that require clarification.
- 4.4. The Working group discussed the draft opinion on FraOctazyme (alpha-galactosidase, alpha-amylase, endo-1,3(4)-beta-glucanase, endo-1,4-beta-glucanase, mannan-endo-1,4-beta-mannosidase, pectinase, protease, endo-1,4-beta-xylanase) as a feed additive for chickens for fattening and weaned piglets ([EFSA-Q-2018-00798](#)) and decided to finalise the opinion and present it to the Plenary meeting, modified accordingly.
- 4.5. The Working group discussed the applications on Zinc chelate of ethylenediamine ([EFSA-Q-2018-00689](#)) and Manganese chelate of ethylenediamine ([EFSA-Q-2018-00713](#)) for all animal species and decided that more discussion is needed.

5. Any Other Business

Not Applicable

6. Next meeting

10 May 2019

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 4TH MEETING OF THE WORKING GROUP ON

ANIMAL NUTRITION

TELE-conference, 8 March 2019

(Agreed on 8 March 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechová and Mariana Petkova
- Hearing Experts¹:
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

EFSA 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 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 topics for discussion

- 4.1. The Working Group revised the draft opinion on APSA PHYTAFEED[®] 20,000 GR, APSA PHYTAFEED[®] 20,000 L (6-phytase) for chickens for fattening, chickens reared for laying and minor poultry species ([EFSA-Q-2018-00478](#)) and finalised the sections regarding the safety and efficacy for the target species in the draft opinion.
- 4.2. The Working group revised the draft opinion on Fra[®] Octazyme C Dry (alpha-galactosidase, alpha-amylase, endo-1,3(4)-beta-glucanase, endo-1,4-beta-glucanase, mannan-endo-1,4-beta-mannosidase, pectinase, protease, endo-1,4-beta-xylanase) for chickens for fattening and weaned piglets ([EFSA-Q-2018-00798](#)) and decided that further discussion is needed.

5. Any Other Business

Not Applicable

6. Next meeting(s)

5 April 2019

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 ADDITIVES AND PRODUCTS OR SUBSTANCES USED IN ANIMAL FEED

MINUTES OF THE 3rd MEETING OF THE WORKING GROUP ON ANIMAL NUTRITION

TELE-conference, 8 February 2019

(Agreed on 8 February 2019)

Participants

- Working Group Members:
Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente and Mariana Petkova
- Hearing Experts¹:
Not Applicable
- European Commission and/or Member States representatives:
Not Applicable
- EFSA:
Feed Unit: Montserrat Anguita, Paola Manini and Elisa Pettenati
- Others:
Not Applicable

1. Welcome and apologies for absence

EFSA welcomed the participants.

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 with changes. The application on Ronozyme® WX (CT/L) (endo-1,4-beta-xylanase) for sows for reproduction ([EFSA-Q-2018-00622](#)) was added to the agenda

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. The WG discussed the application on CIBENZA® PHYTAVERSE® G10, CIBENZA® PHYTAVERSE® L10 (6-phytase) for piglets (weaned), pigs for fattening, sows for reproduction, minor porcine species, chickens 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 require clarification
- 4.2. The Working Group discussed the application on Ferric citrate chelate for piglets (weaned and suckling) and minor porcine species ([EFSA-Q-2018-00758](#)) and decided that further discussion is needed
- 4.3. The Working Group discussed the application on Ronozyme® WX (CT/L) (endo-1,4-beta-xylanase) for sows for reproduction ([EFSA-Q-2018-00622](#)) and decided to inform the applicant on issues that require clarification

5. Any Other Business

- 5.1. Not Applicable

6. Next meeting(s)

8 March 2019

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 Additives and Products or Substances Used in Animal Feed

Minutes of the 2nd meeting of the Working Group on Animal Nutrition

TELE-conference, 11 January 2019

(Agreed on 11 January 2019)

Participants

- **Working Group Members:**

Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechova, Mariana Petkova

- **Hearing Experts:**

Not Applicable

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

Not Applicable

- **EFSA:**

Feed Unit: Montserrat Anguita and Elisa Pettenati.

1. Welcome and apologies for absence

The participants were welcomed to the second meeting of the Working Group on Animal Nutrition of the FEEDAP Panel.

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 topics for discussion

- 4.1. The Working Group discussed the application on Ronozyme[®] WX (CT/L) (endo-1,4-beta-xylanase) for sows for reproduction ([EFSA-Q-2018-00622](#)) and decided that further discussion is needed.
- 4.2. The WG discussed the application on CIBENZA[®] PHYTAVERSE[®] G10, CIBENZA[®] PHYTAVERSE[®] L10 (6-phytase) for piglets (weaned), pigs for fattening, sows for reproduction, minor porcine species, chickens 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 that more discussion is needed.

5. Any Other Business

Not Applicable

6. Next meeting

8 February 2019

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 Additives and Products or Substances Used in Animal Feed

Minutes of the 1st meeting of the Working Group on Animal Nutrition

TELE-conference, 7 and 14 December 2018

(Agreed on 14 December 2018)

Participants

- **Working Group Members:**

Vasileios Bampidis, Maryline Kouba, Marta López-Alonso, Secundino López Puente, Alena Pechova, Mariana Petkova

- **Hearing Experts:**

Not Applicable

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

Not Applicable

- **EFSA:**

Feed Unit: Montserrat Anguita, Gloria López Gálvez and Elisa Pettenati.

1. Welcome and apologies for absence

The participants were welcomed to the first meeting of the Working Group on Animal Nutrition of the FEEDAP Panel.

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

- 4.1. The WG discussed the application on APSA PHYTAFEED® 20,000 GR, APSA PHYTAFEED® 20,000 L (6-phytase) 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.
- 4.2. The Working Group discussed the applications on EB15 10 (*Bacillus subtilis* DSM 25841) as a feed additive for pigs for fattening, sows, piglets (weaned, suckling) and other minor porcine species ([EFSA-Q-2018-00679](#)) and on ZM16 (*Bacillus amyloliquefaciens* DSM 25840) as a feed additive for pigs for fattening, sows, piglets (weaned, suckling) and other minor porcine species ([EFSA-Q-2018-00678](#)) and decided to inform the applicant on issues that require clarification.
- 4.3. The Working Group discussed the application on Beltherm MP and Beltherm BL (endo- 1,4-beta-xylanase) as a feed additive for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, turkeys for breeding purposes, and minor poultry species ([EFSA-Q-2018-00669](#)) and decided to inform the applicant on issues that required clarification.
- 4.4. Fra® Octazyme C Dry (alpha-galactosidase, alpha-amylase, endo-1,3(4)-beta-glucanase, endo-1,4-beta-glucanase, mannan-endo-1,4-beta-mannosidase, pectinase, protease, endo-1,4-beta-xylanase) for chickens for fattening and weaned piglets ([EFSA-Q-2018-00798](#)) and decided to contact the applicant on issues that required clarification.

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

4.5. Natuphos[®] E (6-phytase) for chickens for fattening, chickens reared for laying and breeding ([EFSA-Q-2018-00623](#)) and decided to contact the applicant on issues that required clarification.

4.6. Not discussed: CIBENZA[®] PHYTAVERSE[®] G10, CIBENZA[®] PHYTAVERSE[®] L10 (6-phytase) for piglets (weaned), pigs for fattening, sows for reproduction, minor porcine species, chickens 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](#)).

5. Any Other Business

Not Applicable

6. Next meeting

11 January 2019