79<sup>th</sup> Working Group meeting on Microbiology 12 and 14 February 2024 09:00 - 16:00 / 09:00 - 16:00 MINUTES – Agreed on 14 February 2024



**Location**: Hybrid **Attendees**:

#### Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Amparo Querol, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

Hearing Experts<sup>1,2</sup>:

Margarita Aquilera Gómez, José Sánchez Serrano, Laurence Vernis, Carmen Pelaez.

European Commission and/or Member States representatives:

Not Applicable

EFSA:

BIOHAW Unit<sup>1,2</sup>: Sandra Luisa de Almeida Florentino Correia, Beatriz Guerra Roman

**FEEDCO Unit:** Montserrat Anguita, Nicole Bozzi Cionci, Rosella Brozzi, Yolanda Garcìa Cazorla, Elisa Pettenati, Piera Valeri.

FIP Unit<sup>1,2</sup>: Jaime Aguilera Entrena, Ana Maria Gomes Teixeira Rocheta and Silvia Peluso

IDATA Unit<sup>1,2</sup>: Adrián César Razquin, Gianluca De Moro, Giovanni Iacono

NIF Unit<sup>1,2</sup>: Estefania Noriega Fernandez

Others:

Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

## 2. Adoption of agenda

The agenda was adopted with changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> Attending for the discussion of item 4.1

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

## MEETING MINUTES – 12 and 14 February 79<sup>th</sup> Working Group meeting on Microbiology



- **4.1.** The working group discussed the Update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.
- **4.2.** The working group discussed the application for L-lysine monohydrochloride for all animal species (<u>EFSA-Q-2023-00723</u>) and identified issues that require clarification.
- **4.3.** The working group discussed the application for Avizyme® (<u>EFSA-Q-2021-00694</u>) and identified issues that require clarification.
- **4.4.** The working group discussed the application for MICROSAF® (<u>EFSA-Q-2021-00449</u>) and identified issues that require clarification.
- **4.5.** The working group discussed the application FUMzyme® (Fumonisin esterase EC 3.1.1.87) for all animal species (<u>EFSA-Q-2023-00203</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** Not discussed: 3-phytase produced by Komagataella phaffii (EFSA-Q-2023-00738)

#### 5. Next meeting

The next meeting will be held on 20 March.

78<sup>th</sup> Working Group meeting on Microbiology 10, 24, 25 and 26 January 2024 09:00 - 13:00 / 09:00 - 16:00 / 09:00 - 16:00 / 09:00 - 16:00 MINUTES - Agreed on 26 January 2024



Location: Hybrid Attendees:

#### **Working Group Members:**

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli<sup>1</sup>, Debora Glandorf<sup>2</sup>, Amparo Querol<sup>1</sup>, Lieve Herman<sup>3</sup>, Miguel Prieto Maradona, Maria Saarela<sup>1</sup> and Andrey Yurkov<sup>1</sup>.

Hearing Experts<sup>4,5</sup>:

Margarita Aguilera Gómez, José Sánchez Serrano, Laurence Vernis, Carmen Pelaez.

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

Not Applicable

**EFSA:** 

BIOHAW Unit<sup>4,5</sup>: Sandra Luisa de Almeida Florentino Correia

FEEDCO Unit: Nicole Bozzi Cionci, Rosella Brozzi, Yolanda Garcìa Cazorla, Elisa Pettenati, Piera

FIP Unit<sup>4,5</sup>: Jaime Aguilera Entrena, Ana Maria Gomes Teixeira Rocheta, Silvia Peluso and Simone Lunardi

NIF Unit<sup>4,5</sup>: Dafni Kagkli, Reinhilde Schoonjans, Estefania Noriega Fernandez.

PREV Unit<sup>4,5</sup>: Frédérique Istace

Others:

Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

## 2. Adoption of agenda

The agenda was adopted with changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>6</sup> and the Decision of the Executive Director on Competing Interest Management<sup>7,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

<sup>1</sup> Attending only on 10, 24 and 25 January

Attending only on 24 and 25 January

Attending only on 10 January and 25 January
 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

<sup>&</sup>lt;sup>5</sup> Attending for the discussion of item 4.1 and 4.2

<sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>7</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

## MEETING MINUTES – 10, 24, 25 and 26 January 78<sup>th</sup> Working Group meeting on Microbiology



- **4.1.** The working group discussed the Guidance on the risk assessment of microorganisms intentionally added to the food chain (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.2.** The working group discussed the Update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.
- **4.3.** The working group discussed the application for L-valine produced by fermentation with *Corynebacterium glutamicum* KCCM80365 for all animal species (<u>EFSA-Q-2023-00439</u>) and identified issues that require clarification.
- **4.4.** The working group discussed the application for L-lysine sulphate containing non-viable biomass of genetically modified *Corynebacterium glutamicum* for all animal species (<u>EFSA-Q-2023-00484</u>) and identified issues that require clarification.
- **4.5.** The working group discussed the application for AveMix® for laying hens and minor poultry species for fattening and laying (<u>EFSA-Q-2021-00673</u>) and identified issues that require clarification.
- **4.6.** The working group discussed the application for Biosprint® (*Saccharomyces cerevisiae* MUCL 39885 4b1710) for cattle for fattening (<u>EFSA-Q-2022-00513</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The working group discussed the application for Balancius<sup>™</sup> for laying hens (<u>EFSA-Q-2022-00318</u>) and identified issues that require clarification.
- **4.8.** The working group discussed the application for Vitamin B2 / Riboflavin produced by Saccharomyces cerevisiae CEN.PK113-7D for all animal species (EFSA-Q-2022-00846) and identified issues that require clarification
- **4.9.** The working group discussed the application for L-lysine base, liquid for all animal species (<u>EFSA-Q-2023-00482</u>) and identified issues that require clarification.
- **4.10.** The working group discussed the application for L-tryptophan for all animal species (<u>EFSA-Q-2023-00048</u>) and finalised the relevant sections of the draft opinion.
- **4.11.** The working group discussed the application for ENZY CARBOPLUS® for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor avian species including laying birds, weaned piglets and minor weaned porcine species (EFSA-Q-2021-00314) and decided that further discussion is needed.

## 1. Next meeting

The next meeting will be held on 12 and 14 February.

77<sup>th</sup> Working Group meeting on Microbiology

05, 07, 11, 13, and 21 December

09:00 - 11:00 / 09:00 - 11:00 / 11:00 - 13:00 / 16:00 - 18:00 / 09:00 -

18:00

MINUTES - Agreed by written procedure on 11 January 2024



Location: Hybrid Attendees:

#### **Working Group Members:**

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

#### Hearing Experts<sup>3,4</sup>:

Margarita Aguilera Gómez, José Sánchez Serrano, Laurence Vernis, Carmen Pelaez<sup>5</sup>.

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

Not Applicable

**EFSA:** 

BIOHAW Unit<sup>3,4</sup>: Sandra Luisa de Almeida Florentino Correia, Beatriz Guerra Roman

FEEDCO Unit: Montserrat Anguita, Nicole Bozzi Cionci, Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati, Piera Valeri.

FIP Unit<sup>3,4</sup>: Jaime Aguilera Entrena, Ana Maria Gomes Teixeira Rocheta and Silvia Peluso

NIF Unit<sup>3,4</sup>: Dafni Kagkli, Reinhilde Schoonjans, Estefania Noriega Fernandez.

PREV Unit<sup>3,4</sup>: Frédérique Istace, Isabella De Magistris

Others:

Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Amparo Querol.

## 2. Adoption of agenda

The agenda was adopted with changes. Agenda item 4.3 was added.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>6</sup> and the Decision of the Executive Director on Competing Interest Management<sup>7,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. Certain interests were declared orally by the members before the beginning of the meeting. For further details on the outcome of the screening of the Oral Declaration of Interest made at the beginning of the meeting, please refer to the Annex.

<sup>1</sup> Attending only on 5 and 7 December

Attending only on 11 December

<sup>&</sup>lt;sup>3</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>4</sup> Attending for the discussion of item 4.1 and 4.2

<sup>&</sup>lt;sup>5</sup> Attending only on 21 December <sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>7</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

## MEETING MINUTES – 05, 07, 11, 13, and 21 December 77<sup>th</sup> Working Group meeting on Microbiology



- **4.1.** The working group discussed the Guidance on the risk assessment of microorganisms intentionally added to the food chain (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.2.** The working group discussed the Update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.
- **4.3.** The working group discussed the application for L-threonine for all animal species (<u>EFSA-Q-2023-00049</u>) and finalised the relevant sections of the draft opinion.

#### 5. Next meeting

The next meeting will be held on 10, 24 and 25 January.

## MEETING MINUTES – 05, 07, 11, 13, and 21 December 77<sup>th</sup> Working Group meeting on Microbiology



#### **Annex**

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

With regard to this meeting, Dr. Debora Glandorf declared the following interest: "Working Group Microbiele Gewasbeschermingsmiddelen", which provides input to the Dutch Ministry of Agriculture regarding scientific aspects of the new data requirements for microbial protection products. The role of Debora Glandorf in this Working group consists of providing input on the methodology and data requirements for the environmental risk assessment of GMOs, such as the use of problem formulation approach in the environmental risk assessment. In accordance with EFSA's Policy on Independence and the Decision of the Executive Director on Competing Interest Management, and taking into account the specific matters discussed at the meeting in question, the interest above was not deemed to represent a Conflict of Interest for the Expert concerned.

76<sup>th</sup> Working Group meeting on Microbiology 27 and 31 October, 9, 13, 17, 20, 22 and 23 November 09:00 - 11:00 / 09:00 - 18:00 / 09:00 - 18:00 MINUTES - Agreed on 23 November 2023



Location: Hybrid Attendees:

#### **Working Group Members:**

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman<sup>1</sup>, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

Hearing Experts<sup>2,3</sup>:

Margarita Aguilera Gómez, José Sánchez Serrano, Laurence Vernis.

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

Not Applicable

**EFSA:** 

BIOHAW Unit<sup>2</sup>: Sandra Luisa de Almeida Florentino Correia, Beatriz Guerra Roman

FEEDCO Unit: Montserrat Anguita, Nicole Bozzi Cionci, Rosella Brozzi, Elisa Pettenati, Fabiola Pizzo, Jordi Tarres Call, Piera Valeri.

FIP Unit<sup>2</sup>: Jaime Aguilera Entrena, Ana Maria Gomes Teixeira Rocheta and Silvia Peluso

NIF Unit2: Dafni Kagkli, Reinhilde Schoonjans, Estefania Noriega Fernandez.

PREV Unit<sup>2</sup>: Frédérique Istace, Isabella De Magistris

Others: Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Amparo Querol.

## 2. Adoption of agenda

The agenda was adopted with changes. Agenda items 4.2 and 4.3, 4.4, 4.5, 4.6 and 4.7 were added.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

Attending only on 22 November
 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 Attending for the discussion of item 4.1

http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>5</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

## MEETING MINUTES – 27 and 31 October, 9, 13, 17, 20, 22 and 23 $76^{th}$ Working Group meeting on Microbiology



- **4.1.** The working group discussed the Guidance on the risk assessment of microorganisms intentionally added to the food chain (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.2.** The working group discussed the Update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.
- **4.3.** The working group discussed the application on the assessment of Vitamin B12 or cyanocobalamin produced by *Ensifer adhaerens* CGMCC 21299 for all animal species (<u>EFSA-Q-2023-00409</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The working group discussed the application on the assessment of L-isoleucine for all animal species (<u>EFSA-Q-2023-00207</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The working group discussed the application on the assessment of L-tryptophan produced by fermentation with *Corynebacterium glutamicum* KCCM80346 for all animal species (<u>EFSA-Q-2022-00882</u>) and identified issues that require clarification.
- **4.6.** The working group discussed the application on the assessment of L-threonine produced by fermentation with *Corynebacterium glutamicum* KCCM80367 for all animal species (<u>EFSA-Q-2022-00873</u>) and identified issues that require clarification.
- **4.7.** The working group discussed the application on the assessment of Bovacillus® (*Bacillus paralicheniformis* DSM33902 + *Bacillus subtilis* DSM33903) for dairy cows for milk production and other dairy ruminants (sheep, goat, buffalo etc.) (<u>EFSA-Q-2023-00454</u>) and finalised the relevant sections of the draft opinion.

#### 5. Next meeting

The next meeting will be held on 5, 7, 11, 13 and 21 December.

75<sup>th</sup> Working Group meeting on Microbiology 29 September and 6,9,13,18 and 19 October 2023 9:00 - 11:00 / 9:00 - 11:00 / 9:00 - 12:00 / 09:00 - 11:00 / 09:00 - 18:00 / 09:00 - 18:00 MINUTES - Agreed on 19 October 2023



Location: Hybrid
Attendees:

#### Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Amparo Querol, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

#### Hearing Experts<sup>1,2</sup>:

Margarita Aguilera Gómez, Phil Ashton, Christina Cuomo, Carmen Peláez, José Sánchez Serrano, Lolke Sijtsma, Laurence Vernis and René van der Vlugt.

#### • European Commission and/or Member States representatives:

Not Applicable

#### • EFSA:

BIOHAW Unit<sup>2</sup>: Sandra Luisa de Almeida Florentino Correia

**FEEDCO Unit:** Montserrat Anguita, Nicole Bozzi Cionci, Rosella Brozzi, Yolanda García Cazorla, Daniel Pages Plaza, Elisa Pettenati and Piera Valeri.

**FIP Unit<sup>2</sup>:** Jaime Aguilera Entrena, Ana Maria Gomes Teixeira Rocheta, Simone Lunardi and Silvia Peluso

MESE<sup>2</sup>: Alexis Nathanail

NIF Unit<sup>2</sup>: Reinhard Ackerl, Dafni Kagkli, Nikoletta Papadopoulou, Annamaria Rossi and

Reinhilde Schoonjans

PLANTS Unit<sup>2</sup>: Varvara Gouliarmou PREV Unit<sup>2</sup>: Frédérique Istace

Others: Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Phil Ashton.

## 2. Adoption of agenda

The agenda was adopted with changes. Agenda items 4.2 and 4.3 and 4.4 were added.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> Attending for the discussion of item 4.1

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

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 working group discussed the application on the Guidance on the risk assessment of microorganisms intentionally added to the food chain (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.2.** The working group discussed the application on the assessment of *Saccharomyces cerevisiae* NCYC R618 (Benesacc) for chickens for fattening and avian species reared for laying and fattening (<u>EFSA-Q-2023-00255</u>) and identified the issues that require further clarification.
- **4.3.** A general discussion on the toxicological assessment of microbial based additives and the suitability of the test items took place.
- **4.4.** Not discussed: *Saccharomyces cerevisiae* CNCM I-1079 for dogs and all *canidae* other than dogs (<u>EFSA-Q-2023-00486</u>) and Endo-1,4-beta-xylanase (EC 3.2.1.8.) and endo-1,4-beta-glucanase (EC 3.2.1.4.)(Natugrain TS/TS L) for pigs for fattening and all pigs (<u>EFSA-Q-2023-00042</u>).

#### 5. Next meeting

The next meeting will be held on 22 and 23 November.

74<sup>th</sup> Working Group meeting on Microbiology

11, 12, 18, 20 and 21 September 2023

11:00 - 13:00 / 11:00 - 13:00 / 14:00 - 18:00 /

09:00 - 13:00 / 09:00 - 13:00

MINUTES - Agreed on 21 September 2023



Location: Tele-conference

#### Attendees:

#### • Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela.

#### • Hearing Experts<sup>1,2</sup>:

Margarita Aguilera Gómez, José Sánchez Serrano, Lolke Sijtsma, Laurence Vernis and René van der Vlugt.

#### • European Commission and/or Member States representatives:

Not Applicable

#### EFSA:

**FEEDCO Unit:** Natalia Alija Novo, Montserrat Anguita, Nicole Bozzi Cionci, Stefani Fruk, Yolanda García Cazorla, Jordi Ortuño and Elisa Pettenati.

FIP Unit<sup>2</sup>: Jaime Aguilera Entrena, Ana Maria Gomes Teixeira Rocheta, Simone Lunardi, Eleonora Marini and Silvia Peluso

NIF Unit<sup>2</sup>: Estefanía Noriega Fernández and Reinhilde Schoonjans

BIOHAW Unit<sup>2</sup>: Sandra Luisa de Almeida Florentino Correia

PREV Unit<sup>2</sup>: Frédérique Istace

#### Others:

Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 working group discussed the application on the Guidance on microbial characterisation (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> Attending for the discussion of item 4.1

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

## MEETING MINUTES – 11, 12, 18, 20 and 21 September 2023 74<sup>th</sup> Working Group meeting on Microbiology



- **4.2.** The working group discussed the application on the assessment of Fumonisin esterase EC 3.1.1.87 (<u>EFSA-Q-2023-00203</u>) and identified the issues that require clarification.
- **4.3.** The working group discussed the application on the assessment of L-threonine, as feed additive (EFSA-Q-2023-00049) and identified the issues that require clarification.
- **4.4.** The working group discussed the application on the assessment of preparation of endo-1,3(4)-beta-glucanase (EC 3.2.1.6) produced by *Trichoderma reesei* (CBS 126896) (EFSA-0-2023-00251) and identified the issues that require clarification.
- **4.5.** The working group discussed the application on the assessment of alpha-amylase (E.C. 3.2.1.1) produced by *Bacillus licheniformis* DSM 34315 (EFSA-Q-2023-00043) and identified the issues that require clarification.

#### 5. Next meeting

The next meeting will be held on 18 and 19 October, in Parma.

73<sup>rd</sup> Working Group meeting on Microbiology 31 August 2023 09:00-13:00 MINUTES – Agreed on 31 August 2023



Location: Tele-conference

Attendees:

#### • Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Bretagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Amparo Querol, Maria Saarela, and Andrey Yurkov.

#### • Hearing Experts<sup>1</sup>:

Not Applicable

#### • European Commission and/or Member States representatives:

Not Applicable

EFSA:

**FEEDCO Unit:** Natalia Alija Novo, Montserrat Anguita, Angelica Amaduzzi, Rosella Brozzi, Nicole Bozzi Cionci, and Yolanda García Cazorla.

**PREV Unit:** Renata Leuschner<sup>2</sup> **FIP Unit:** Jaime Aquilera Entrena<sup>2</sup>

• Others:
Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants. No apologies were received.

## 2. Adoption of agenda

The agenda was adopted with changes. The item 4.6 was added.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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.

- **4.1.** The working group discussed the application on the Guidance on microbial characterisation (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.2.** The working group discussed the application on the assessment of Quantum blue (6-phytase) for fish (<u>EFSA-Q-2021-00313</u>) and finalised the relevant sections of the draft opinion.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> Attending for the discussion of item 4.1

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

#### MEETING MINUTES – 31 August 2023 73<sup>rd</sup> Working Group meeting on Microbiology



- **4.3.** The working group discussed the application on the assessment of Bonvital for Chickens reared for laying and Minor poultry species other than those used for laying (<u>EFSA-Q-2022-00531</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The working group discussed the application on the assessment of Provita LE (*Enterococcus faecium* DSM 7134 and *Lacticaseibacillus rhamnosus* DSM 7133) for calves (<u>EFSA-Q-2022-00820</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The working group discussed the application on the assessment of TechnoSpore 50-Weizmannia coagulans DSM 32016 (formerly classified as Bacillus coagulans DSM 32016) (EFSA-Q-2022-00316 & EFSA-Q-2022-00221) and finalised the relevant sections of the draft opinion.
- **4.6.** The working group discussed the application on the assessment of L-tryptophan as new feed additive (<u>EFSA-Q-2023-00048</u>) and identified issues that require clarification.

#### 5. Next meeting

The next meeting will be held on 18, 20 and 21 September, via web-conference

72<sup>nd</sup> Working Group meeting on Microbiology

28 June 2023 09:00-17:00

MINUTES - Agreed on 28 June 2023



Location: Tele-conference

#### Attendees:

#### • Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Bretagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Amparo Querol, Maria Saarela, and Andrey Yurkov.

#### • Hearing Experts<sup>1</sup>:

Not Applicable

• European Commission and/or Member States representatives:

Not Applicable

EFSA:

**FEEDCO Unit:** Natalia Alija Novo, Rosella Brozzi, Nicole Bozzi Cionci, Yolanda García Cazorla, Orsolya Holczknecht, Daniel Pagés Plaza, Elisa Pettenati and Barbara Rossi.

Others:

Not applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants. Apologies were received from Amparo Querol.

## 2. Adoption of agenda

The agenda was adopted with changes. The items 4.7 and 4.8 were added.

## 3. Declarations of Interest of Working Groups members

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

- **4.1.** The working group discussed the application on the assessment of Sacox® (salinomycin sodium) for rabbits for fattening [Article 4] (<u>EFSA-Q-2020-00282</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The working group discussed the application on the assessment of renewal of authorization feed additive 4b1710 (*Saccharomyces c.* MUCL 39885) on cattle for fattening (<u>EFSA-Q-2022-00513</u>) and identified issues that require clarification.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

## MEETING MINUTES – 28 June 2023 72nd Working Group meeting on Microbiology



- **4.3.** The working group discussed the application on the assessment of new use and renewal for the additive *Bacillus velezensis* PB6 (<u>EFSA-Q-2022-00320</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The working group discussed the application on the assessment of Biomin® C5 (<u>EFSA-Q-2022-00321</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The working group discussed the application on the assessment of Huvezym neXo for use in all pigs (<u>EFSA-Q-2022-00326</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** The working group discussed the application on the assessment of *Saccharomyces cerevisiae* Canobios-BL for cats and dogs (<u>EFSA-Q-2022-00373</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The working group discussed the application on the assessment of TechnoSpore 50-Weizmannia coagulans DSM 32016 (formerly classified as Bacillus coagulans DSM 32016) (EFSA-Q-2022-00316) and identified issues that require clarification.
- **4.8.** The working group discussed the application on the assessment of Econase XT (4a8, CBS 114044) for laying hens, minor poultry and fattening pigs (<u>EFSA-Q-2022-00027</u>) and finalised the relevant sections of the draft opinion.

#### 5. Next meeting

The next meeting will be held on 31 August, via web-conference

71<sup>st</sup> Working Group meeting on Microbiology 17 May 2023

09:00-14:00

MINUTES – Agreed on 17 May 2023



Location: Tele-conference

Attendees:

#### Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Bretagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Amparo Querol, Maria Saarela, and Andrey Yurkov.

#### Hearing Experts<sup>1</sup>:

Not Applicable

#### • European Commission and/or Member States representatives:

Not Applicable

EFSA:

**FEEDCO Unit:** Natalia Alija Novo, Angelica Amaduzzi, Rosella Brozzi, Nicole Bozzi Cionci, Stefani Fruk, Yolanda García Cazorla, Jordi Ortuño Casanova, Daniel Pagés Plaza, Elisa Pettenati and Barbara Rossi.

Others:

Not applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies from Amparo Querol were received.

## 2. Adoption of agenda

The agenda was adopted with changes. The items 4.10 and 4.11 were added.

## 3. Declarations of Interest of Working Groups members

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

- **4.1.** The working group discussed the application on the assessment of Biomin® C3 (*Enterococcus faecium* DSM 21913, *Bifidobacterium animalis* subsp. *animalis* DSM 16284 and *Ligilactobacillus salivarius* DSM 16351) for growing poultry (<u>EFSA-Q-2022-00374</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The working group discussed the application on the assessment of Free Yeast® F (Fumonisin B1 esterase (3.1.1.87) produced by *Komagataella phaffii* NCAIM (P) Y001485) for piglets (suckling and weaned), pigs for fattening, sows for reproduction and sows in order to have

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

## MEETING MINUTES – 17 May 2023 71st Working Group meeting on Microbiology



- benefit in piglets (<u>EFSA-Q-2021-00470</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The working group discussed the application on the assessment of Quantum Blue (6-phytase) for fish (<u>EFSA-Q-2021-00313</u>) and identified issues that require clarification.
- **4.4.** The working group discussed the application on the assessment of Xanthan gum for all animal species (<u>EFSA-Q-2023-00078</u>) and identified issues that require clarification.
- **4.5.** The working group discussed the application on the assessment of the follow-up opinion linked to EFSA-Q-2013-00767 Monteban® G100 (narasin) for chickens for fattening (EFSA-Q-2020-00557) and identified issues that require clarification.
- **4.6.** The working group discussed the application on the assessment of Maxiban G160 (narasin and nicarbazin) for chickens for fattening [Article 14] (<u>EFSA-Q-2019-00739</u>) and identified issues that require clarification.
- **4.7.** The working group discussed the application on the assessment of HiPhorius (6-phytase) for all poultry, pigs and fish (<u>EFSA-Q-2022-00082</u>) and identified issues that require clarification.
- **4.8.** The working group discussed the application on the assessment of AveMix XG 10 (endo-1,4-beta-xylanase and endo-1,3(4)-beta-glucanase) for piglets (suckling and weaned piglets) (<u>EFSA-Q-2022-00807</u>) and identified issues that require clarification.
- **4.9.** The working group discussed the application on the assessment of AveMix® 02CS (endo-1,4-beta-xylanase,endo-1,3 (4)-beta-glucanase and polygalacturonase) for piglets (weaned) (<u>EFSA-Q-2020-00635</u>) and identified issues that require clarification.
- **4.10.** The working group discussed the application on the assessment of AveMix 02 CS (endo-1,4-beta-xylanase, endo-1,3(4)-beta-glucanase and polygalacturonase) for piglets (suckling) (<u>EFSA-Q-2020-00840</u>) and identified issues that require clarification.
- **4.11.** The working group discussed the application on the assessment of TechnoSpore 50-Weizmannia coagulans DSM 32016 (formerly classified as Bacillus coagulans DSM 32016) (EFSA-Q-2022-00221/ EFSA-Q-2022-00316) and identified issues that require clarification.
- **4.12.**Not discussed: follow-up opinion linked to EFSA-Q-2018-01040 Avizyme® 1505 (endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588), subtilisin produced by *Bacillus subtilis* (ATCC 2107) and alpha-amylase produced by *Bacillus amyloliquefaciens* (ATCC 3978)) for all poultry species (<u>EFSA-Q-2021-00694</u>) and AveMix XG 10 (xylanase and beta-glucanase produced by *T. longibrachiatum* (MUCL 49755 & 49754)) (<u>EFSA-Q-2021-00673</u>).

## 5. Next meeting

The next meeting will be held on 28 June, via web-conference

70th Working Group meeting on Microbiology

12-13 April 2023

09:00-18:00/09:00-18:00

MINUTES -Agreed by writing procedure on 28 April 2023



Location: Parma Attendees:

#### **Working Group Members:**

Baltasar Mayo (Chair of the Working Group), Philip Ashton<sup>1</sup>, Stéphane Bretagne, Henrik Christensen, Christina Cuomo<sup>1</sup>, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Amparo Querol, Maria Saarela, Yolanda Sanz<sup>2</sup> and Andrey Yurkov.

**Hearing Experts**<sup>3</sup>:

Luisa Peixe<sup>4</sup>

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

Not Applicable

**EFSA:** 

FEEDCO Unit: Natalia Alija Novo, Rosella Brozzi, Nicole Bozzi Cionci, Stefani Fruk, Yolanda García Cazorla, Matteo Innocenti, Jordi Ortuño Casanova, Elisa Pettenati, Joana Revez and Barbara Rossi.

FIP Unit: Jaime Aguilera Entrena, Simone Lunardi and Eleonora Marini<sup>1</sup>

PREV Unit: Dimitra Kardassi<sup>1</sup>

Others: Not applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

## 2. Adoption of agenda

The agenda was adopted with changes. The item 4.3 was added.

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>5</sup> and the Decision of the Executive Director on Competing Interest Management<sup>6,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

## 4. Scientific topic(s) for discussion

**4.1.** The working group discussed the application on the follow-up opinion linked to EFSA-Q-2021-00462 L-Lysine monohydrochloride, concentrated liquid L-lysine, concentrated liquid

http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

Attending for the discussion of items 4.6

<sup>&</sup>lt;sup>2</sup> Attending for the discussion of items 4.6 and 4.7 <sup>3</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf

Attending for the discussion of items 4.7

<sup>&</sup>lt;sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

#### MEETING MINUTES – 12-13 April 2023 70<sup>th</sup> Working Group meeting on Microbiology



- L-lysine monohydrochloride for all animal species (<u>EFSA-Q-2023-00018</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The working group discussed the application on the assessment of TechnoSpore 50-Weizmannia coagulans DSM 32016 (formerly classified as Bacillus coagulans DSM 32016) (<u>EFSA-Q-2022-00221</u>/ <u>EFSA-Q-2022-00316</u>) and decided that further discussion is needed.
- **4.3.** The working group discussed the application on the assessment of the follow-up opinion linked to EFSA-Q-2013-00752 Elancoban® (monensin sodium) for chickens for fattening, chickens reared for laying and turkeys (<u>EFSA-Q-2021-00537</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The working group discussed the application on the assessment of AGal-Pro BL and AGal-Pro BL-L (alpha-galactosidase (EC3.2.1.22), endo-1,4-betaglucanase (EC3.2.1.4)) for chickens and minor poultry species for fattening and chickens reared for laying [Article 14] (EFSA-Q-2021-00128) and finalised the relevant sections of the draft opinion.
- **4.5.** The working group discussed the Update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.
- **4.6.** The working group discussed the Update of the Guidance on the characterisation of microorganisms used as feed additives or as production organisms (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.7.** Not discussed: follow-up opinion linked to EFSA-Q-2013-00767 Monteban® G100 (narasin) for chickens for fattening (<u>EFSA-Q-2020-00557</u>) and Maxiban G160 (narasin and nicarbazin) for chickens for fatteing [Article 14] (<u>EFSA-Q-2019-00739</u>).

## 5. Any other business

**5.1.** A general discussion took place on the criteria for the assessment of the efficacy of microorganisms used as hygiene condition enhancers.

## 6. Next meeting

The next meeting will be held on 17 May, via web-conference

69<sup>th</sup> Working Group meeting on Microbiology

29 March 2023 09:00-13:00

MINUTES - Agreed on 29 March 2023



Location: Web-conference

Attendees:

#### • Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

#### Hearing Experts<sup>1</sup>:

Not Applicable

#### • European Commission and/or Member States representatives:

Not Applicable

• EFSA:

**FEEDCO Unit:** Natalia Alija Novo, Rosella Brozzi, Nicole Bozzi Cionci, Yolanda García Cazorla, Elisa Pettenati, Barbara Rossi and Jordi Tarrés Call.

Others:

Not applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

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

- **4.1.** The working group discussed the application on the assessment of the feed additive consisting of Lactiferm® (*Enterococcus faecium* NCIMB 11181) for piglets (weaned), calves for fattening and calves for rearing (<u>EFSA-Q-2022-00553</u>) and identified issues that require clarification.
- **4.2.** The working group discussed the application on the assessment of a feed additive consisting of Provita LE (*Enterococcus faecium* DSM 7134 and *Lacticaseibacillus rhamnosus* DSM 7133) for calves for rearing (<u>EFSA-Q-2022-00820</u>) and identified issues that require clarification.
- **4.3.** The working group discussed the application on the assessment of a feed additive consisting of Bonvital (*Enterococcus faecium* DSM 7134) for chickens reared for laying and minor

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

#### MEETING MINUTES – 29 March 2023 69<sup>th</sup> Working Group meeting on Microbiology



- poultry species other than those used for laying (<u>EFSA-Q-2022-00531</u>) and identified issues that require clarification.
- **4.4.** The working group discussed the application the assessment of a feed additive consisting of Cylactin<sup>®</sup> (*Enterococcus faecium* (proposed as *Enterococcus lactis*) NCIMB 10415) for cats and dogs (<u>EFSA-Q-2022-00817</u>) and identified issues that require clarification.
- **4.5.** Items not discussed: Safety and efficacy of a feed additive consisting of narasin (Monteban® 100G) for chickens for fattening (<u>EFSA-Q-2020-00557</u>) and Maxiban G160 (narasin and nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00739</u>).

#### 5. Any other business

**5.1.** A general discussion took place on the criteria for the assessment of the efficacy of microorganisms used as hygiene condition enhancers.

#### 6. Next meeting

The next meeting will be held on 12 and 13 April, in Parma

68th Working Group meeting on Microbiology

1<sup>st</sup> March 2023 09:00-18:00

MINUTES - Agreed on 1 March 2023



Location: Webconference

#### Attendees:

#### • Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Amparo Querol, Miguel Prieto Maradona, Yolanda Sanz<sup>1</sup>, Maria Saarela and Andrey Yurkov.

#### • Hearing Experts<sup>2</sup>:

Not Applicable

#### • European Commission and/or Member States representatives:

Not Applicable

EFSA:

**FEEDCO Unit:** Natalia Alija Novo, Rosella Brozzi, Nicole Bozzi Cionci, Stefani Fruk, Yolanda García Cazorla, Orsolya Holczknecht, Jordi Ortuño Casanova, Elisa Pettenati, Barbara Rossi, Jordi Tarres Call and Maria Vittoria Vettori.

FIP Unit<sup>3</sup>: Jaime Aguilera Entrena, Eleonora Marini and Silvia Peluso.

BIOHAW Unit<sup>4</sup>: Beatriz Guerra Roman.

Others:

Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

## 2. Adoption of agenda

The agenda was adopted with changes (Items 4.1 and 4.2 were added).

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>5</sup> and the Decision of the Executive Director on Competing Interest Management<sup>6,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

## 4. Scientific topic(s) for discussion

**4.1.** The working group discussed the application on safety and efficacy of a feed additive consisting of narasin (Monteban® 100G) for chickens for fattening (<u>EFSA-Q-2020-00557</u>) and finalised the relevant sections of the draft opinion.

 $<sup>^{\</sup>mathrm{1}}$  Attending for the discussion of items 4.9 and 4.10

<sup>&</sup>lt;sup>2</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf
<sup>3</sup> Attending for the discussion of items 4.9 and 4.10

<sup>&</sup>lt;sup>4</sup> Attending for the discussion of items 4.9 and 4.10

<sup>5</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

#### MEETING MINUTES – 1 March 2023 68<sup>th</sup> Working Group meeting on Microbiology



- **4.2.** The working group discussed the application on Maxiban G160 (narasin and nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00739</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The working group discussed the application on safety and efficacy of a feed additive consisting of 6-phytase (produced by *Aspergillus niger* DSM 25770) (Natuphos® E) for all pigs and all *Suidae* (EFSA-Q-2022-00509) and identified issues that require clarification.
- **4.4.** The working group discussed the application on safety and efficacy of a feed additive consisting of vitamin B12 (cyanocobalamin) produced by fermentation with non-genetically modified Ensifer adhaerens CGMCC 19596 for all animal species (EFSA-Q-2021-00571) and finalised the relevant sections of the draft opinion.
- **4.5.** The working group discussed the application on the safety and efficacy of a feed additive consisting of endo-1,4-beta-glucanase produced by *Trichoderma citrinoviride* IMI 360748 (Hostazym C) for use in chickens for fattening, minor poultry species for fattening and weaned piglets for the renewal of its authorisation and for the extension of use in feed for chickens reared for laying, turkeys reared for breeding, minor poultry species reared for laying or breeding, ornamental birds and suckling piglets (EFSA-Q-2021-00157) and finalised the relevant sections of the draft opinion.
- **4.6.** The working group discussed the application on safety and efficacy of a feed additive consisting of lactic acid for animal species except fish (<u>EFSA-Q-2022-00625</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The working group discussed the application on the Safety and efficacy of a feed additive consisting of *Saccharomyces cerevisiae* DSM 34246 (Canobios-BL) for cats and dogs (<u>EFSA-Q-2022-00373</u>) and identified issues that require clarification.
- **4.8.** The working group discussed the application on safety and efficacy of a feed additive consisting of BIOMIN® BBSH® 797 (microorganism strain DSM 11798) for pigs and all avian species (<u>EFSA-Q-2022-00793</u>) and finalised the relevant sections of the draft opinion.
- **4.9.** The working group discussed the status of the update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.
- **4.10.** The working group discussed the status of the update of the FEEDAP guidance on the characterisation of microorganisms used as feed additives or as production organisms (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.

## 5. Any other business

Not Applicable

## 6. Next meeting

To be confirmed.

67<sup>th</sup> Working Group meeting on Microbiology 14 February 2023 14:30-17:30 MINUTES - Agreed by written procedure on 17 February 2023



Location: Web conference

#### Attendees:

#### • Working Group Members:

Baltasar Mayo (Chair of the Working Group), Pier Sandro Cocconcelli, Christina Cuomo and Andrey Yurkov

#### Hearing Experts<sup>1</sup>:

Not Applicable

#### • European Commission and/or Member States representatives:

Not Applicable

#### EFSA:

**FEEDCO Unit**: Natalia Alija Novo, Rosella Brozzi, Nicole Bozzi Cionci, Yolanda García Cazorla, and Elisa Pettenati

#### Others:

Not Applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Philip Ashton and Edward John Louis.

## 2. Adoption of agenda

The agenda was adopted without changes.

## 3. Declarations of Interest of Working Groups members

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

## 4. Scientific topic(s) for discussion

**4.1.** The participants discussed the update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.

## 5. Any Other Business

Not Applicable

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf <sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

## MEETING MINUTES - 14 February 2023 67<sup>th</sup> Working Group meeting on Microbiology



## 6. Next meeting

The next meeting will be held on	1 March 2023, via web conference.
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66th Working Group meeting on Microbiology 7 February 2023

09:00-13:00 / 14:00-17:00

MINUTES - Agreed on 7 February 2023



Location: Web conference

Attendees:

#### **Working Group Members:**

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Amparo Querol, Miguel Prieto Maradona1, Maria Saarela and Andrey Yurkov.

#### **Hearing Experts<sup>2</sup>:**

Mariel Pikkemaat<sup>3</sup>

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

Not Applicable

#### **EFSA:**

FEEDCO Unit: Natalia Alija Novo, Montserrat Anguita Freixa, Rosella Brozzi, Nicole Bozzi Cionci, Stefani Fruk, Yolanda García Cazorla, Orsolya Holczknecht, Alberto Navarro Villa, Jordi Ortuño Casanova, Daniel Pagés Plaza, Elisa Pettenati, Barbara Rossi, Jordi Tarres Call and Maria Vittoria Vettori

#### Others:

Not applicable

## 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

## 2. Adoption of agenda

The agenda was adopted with changes (Items 4.2, 4.8 and 4.9 were added).

## 3. Declarations of Interest of Working Groups members

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

- The working group discussed the application on the safety and efficacy of a feed additive consisting of Enterococcus faecium DSM 21913, Bifidobacterium animalis DSM 16284 and Ligilactobacillus salivarius (formerly Lactobacillus salivarius) DSM 16351 (Biomin® C3) for growing poultry (EFSA-Q-2022-00374) and identified issues that require clarification.
- The working group discussed the application on the safety and efficacy of the a feed additive 4.2. consisting of fumonisin B1 esterase produced by Komagataella phaffii NCAIM Y001485 for

<sup>&</sup>lt;sup>1</sup> Attending for the discussion of item 5.1. <sup>2</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf

<sup>3</sup> Attending for the discussion of item 5.1.

http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>5</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

#### MEETING MINUTES – 7 February 2023 66<sup>th</sup> Working Group meeting on Microbiology



- piglets (suckling and weaned), pigs for fattening, sows for reproduction and sows in order to have benefit in piglets (<u>EFSA-Q-2021-00470</u>) and identified issues that require clarification.
- **4.3.** The working group discussed the application on Lacticaseibacillus casei K9-1, Limosilactobacillus fermentum K9-2, Levilactobacillus brevis WF-1B and Enterococcus faecium WF-3 (K-9 Heritage Probiotic Blend®) for dogs (<u>EFSA-Q-2021-00383</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The working group discussed the application on IMP (disodium 5-inosinate) produced by fermentation with Corynebacterium stationis KCCM 80235 (<u>EFSA-Q-2022-00400</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The working group discussed the application on L-Isoleucine produced by fermentation with Corynebacterium glutamicum KCCM 80185 for all animal species (<u>EFSA-Q-2022-00399</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** The working group discussed the application on the follow-up opinion linked to EFSA-Q-2018-01040 Avizyme® 1505 (endo-1,4-beta-xylanase produced by Trichoderma reesei (ATCC PTA 5588), subtilisin produced by Bacillus subtilis (ATCC 2107) and alpha-amylase produced by Bacillus amyloliquefaciens (ATCC 3978)) for all poultry species (EFSA-Q-2021-00694) and identified issues that require clarification.
- **4.7.** The working group discussed the application on the safety and efficacy of a feed additive consisting of monensin sodium (Elancoban® G200) for chickens for fattening, chickens reared for laying and turkeys (<u>EFSA-Q-2021-00537</u>) and identified issues that require clarification.
- **4.8.** The working group discussed the application on the safety and efficacy of the a feed additive consisting of protease (EC 3.4.21.62) produced by Bacillus licheniformis DSM 33099 (ProAct 360) for use in all poultry species for fattening (<u>EFSA-Q-2021-00544</u>) and finalised the relevant sections of the draft opinion.
- **4.9.** The working group discussed the application on the Safety and efficacy of a feed additive consisting of muramidase (Balancius<sup>™</sup>) produced by Trichoderma reesei DSM 32338 for laying hens (EFSA-Q-2022-00318) and identified issues that require clarification.
- **4.10.** The working group discussed the status of the update of the FEEDAP guidance on the characterisation of microorganisms used as feed additives or as production organisms (<u>EFSA-Q-2022-00249</u>) and decided that further discussion is needed.
- **4.11.** Item not discussed: Safety and efficacy of a feed additive consisting of vitamin B12 (cyanocobalamin) produced by fermentation with non-genetically modified Ensifer adhaerens CGMCC 19596 for all animal species (EFSA-Q-2021-00571).

## 5. Any other business

**5.1.** A presentation on a European project on the use of ionophoric coccidiostats in poultry and the potential risk of co-selection of antimicrobial resistance was made by Mariel Pikkemaat.<sup>6</sup>

## 6. Next meeting

The next meeting will be held on 14 February 2023, via web conference.

<sup>6</sup> JPIAMR project <a href="https://www.jpiamr.eu/projects/iconic/">https://www.jpiamr.eu/projects/iconic/</a>

65<sup>th</sup> Working Group meeting on Microbiology

20 January 2023 14:30-18:30

MINUTES - Agreed by written procedure on 26 January 2023



Location: Web conference

#### Attendees:

• Working Group Members:

Baltasar Mayo (Chair of the Working Group), Philip Ashton and Christina Cuomo

Hearing Experts:

Not Applicable

• European Commission and/or Member States representatives:

Not Applicable

• EFSA:

FEEDCO Unit: Natalia Alija Novo, Yolanda García Cazorla and Elisa Pettenati.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Edward John Louis.

#### 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 participants discussed the update of the EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2022-00250</u>) and decided that further discussion is needed.

## 5. Any Other Business

Not Applicable

## 6. Next meeting

<sup>&</sup>lt;sup>1</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

## MEETING MINUTES - 20 January 2023 65<sup>th</sup> Working Group meeting on Microbiology



The next meeting will be held on 7 February 2023, via web conference.	





**FEED UNIT** 

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

## MINUTES OF THE 64<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 15 December 2022**

(Agreed on 15 December 2022)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Andrey Yurkov.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEEDCO Unit: Natalia Alija Novo, Rosella Brozzi, Stefani Fruk, Yolanda García Cazorla, Elisa Pettenati and Joana Revez.

MESE Unit: Irene Pilar Muñoz Guajardo and Irene Da Costa.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

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





No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes. Agenda items 4.1 and 4.2 were added.

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

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

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

- **4.1.** The Working Group discussed the application on Endo-1,4-β-D-mannanase produced by *Thermothelomyces thermophilus* DSM 33149 (Natupulse® TS/TS L) for chickens and turkeys for fattening, minor growing poultry species and ornamental birds (<u>EFSA-Q-2021-00694</u>) and finalised the relevant sections of the draft opinion.
- 4.2. The Working Group discussed the application on Lentilactobacillus buchneri NCIMB 40788, CNCM I-4323 (formerly Lactobacillus buchneri), Lactiplantibacillus plantarum CNCM I-3235 (formerly Lactobacillus plantarum), Lactiplantibacillus plantarum CNCM I-3736 DSM 11672 (formerly Lactobacillus plantarum CNCM MA 18/5U), Pediococcus acidilactici CNCM I-3237, Pediococcus acidilactici CNCM I-4622 DSM 11673 (formerly Pediococcus acidilactici CNCM MA 18/5M DSM 11673), Pediococcus pentosaceus **NCIMB** Acidipropionibacterium acidipropionici CNCM I-4661 (formerly Propionibacterium acidipropionici CNCM MA 26/4U) and Lentilactobacillus buchneri NCIMB 40788 CNCM I-4323 & Lentilactobacillus hilgardii CNCM I-4785 (formerly Lactobacillus buchneri & Lactobacillus hilgardii) for all animal species (EFSA-Q-2021-00426) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2017-00724 Bafasal® (preparation of bacteriophages 3sent1, 8sent65, 8sent1748 & 5sent1) for all avian species (EFSA-Q-2022-00196) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working Group discussed the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 (EFSA-Q-2022-00234) and finalised the relevant sections of the draft opinion.
- **4.5.** Item not discussed: Follow-up opinion linked to EFSA-Q-2018-01040 Avizyme® 1505 (endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588), subtilisin produced by *Bacillus subtilis* (ATCC 2107) and alpha-amylase produced by *Bacillus amyloliquefaciens* (ATCC 3978)) for all poultry species (EFSA-Q-2021-00694).

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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

20 January 2023





**FEED UNIT** 

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

## MINUTES OF THE 63<sup>rd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 16 November 2022** 

(Agreed on 16 November 2022)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

Hearing Experts<sup>1</sup>:

Denis Habauzit<sup>2</sup>

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEEDCO Unit: Natalia Alija Novo, Yvette Dirven, Stefani Fruk, Yolanda García Cazorla, Matteo Innocenti, Daniel Pages Plaza, Elisa Pettenati, Fabiola Pizzo, Barbara Rossi, Elena Rovesti and Tuuli Tauriainen.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

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

<sup>&</sup>lt;sup>2</sup> Attending for the discussion of item 5.1.





EFSA welcomed the participants.

Apologies were received from Pier Sandro Cocconcelli.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 Working Group discussed the application on Ronozyme® Multigrain (endo-1,4-beta-xylanase (EC 3.2.1.8), endo-1,3(4)-beta-glucanase (EC 3.2.1.6) and endo-1,4-beta-glucanase (EC 3.2.1.4), produced by *Trichoderma reesei* (ATCC 74444)) for poultry for fattening other than turkeys for fattening, poultry for laying, turkeys for fattening, piglets (weaned) and pigs for fattening (EFSA-Q-2021-00498) and finalised the relevant sections of the draft opinion.
- **4.2.**The Working Group discussed the application on TechnoSpore50 (*Weizmannia coagulans* DSM 32016) for poultry reared for breeding, poultry reared for laying, poultry for fattening, ornamental birds, suckling and weaned Suidae piglets (<u>EFSA-Q-2022-00221</u>) and identified issues that require clarification.
- **4.3.**The Working Group discussed the application on Biomin® C5 (Preparation of *Enterococcus faecium* DSM 33761, *Pediococcus acidilactici* DSM 33758, *Bifidobacterium animalis* DSM 16284, *Limosilactobacillus reuteri* DSM 33751 and *Ligilactobacillus salivarius* DSM 16351) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor avian species other than laying species (<u>EFSA-Q-2022-00321</u>) and identified issues that require clarification.
- **4.4.**The Working Group discussed the application on Syncra®SWI 201 TPT (*Bacillus amyloliquefaciens* BS918, *Bacillus amyloliquefaciens* BS1013, *Bacillus subtilis* BS3BP5 and Protease) (<u>EFSA-Q-2019-00480</u>) and identified issues that require clarification.
- **4.5.**The Working Group discussed the application on Hex-2(trans)-enal as a technological additive (preservative) for poultry and swine (<u>EFSA-Q-2022-00157</u>) and decided that further discussion is needed.
- **4.6.**The Working Group discussed the application on Preparation of *Streptococcus salivarius* K12 (ATCC BAA-1024, DSM 13084) (BLIS K12) (<u>EFSA-Q-2021-00501</u>) for pets and other non-food producing animals and decided that further discussion is needed.

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





- **4.7.**The Working Group discussed the application on BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned), other minor growing and reproductive porcine species, turkeys for breeding and other minor poultry species (<u>EFSA-Q-2019-00736</u>) and finalised the relevant sections of the draft opinion.
- **4.8.**Items not discussed: Preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 for all animal species (<u>EFSA-Q-2022-00234</u>).

### 5. Any Other Business

**5.1.** A presentation on a project from ANSES on an on-going project on mycotoxins and other fungal secondary metabolites database was made by Denis Habauzit.

### 6. Next meeting(s)

15 December 2022





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

# MINUTES OF THE 62<sup>ND</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Held on 19 and 20 October 2022, Parma

(Agreed on 7 November 2022)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Stéphane Brétagne, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Amparo Querol, Miguel Prieto Maradona, Maria Saarela and Andrey Yurkov.

Hearing Experts<sup>1</sup>:

Not Applicable

- European Commission and/or Member States representatives:
   Not Applicable
- EMA: Noemi Garcia del Blanco, Frédéric Klein and Pouneh Thomas<sup>2</sup>
- EFSA:

FEED Unit: Natalia Alija Novo, Rosella Brozzi, Joana Firmino, Yolanda García Cazorla, Jordi Ortuño, Elisa Pettenati and Katja Schirmer

Others:

BIOHAW Unit: Beatriz Guerra<sup>3</sup>

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

<sup>&</sup>lt;sup>2</sup> Attending for the discussion of item 5.1





iDATA Unit: Giovanni Iacono<sup>4</sup> FDP Unit: Oscar González

FIP Unit: Jaime Aguilera and Silvia Peluso<sup>5</sup>

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes. Agenda items 4.12 and 4.16 were added.

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

In accordance with EFSA's Policy on Independence<sup>6</sup> and the Decision of the Executive Director on Competing Interest Management<sup>7,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group discussed the application on RONOZYME® HiPhos (6-phytase) for poultry, pigs for fattening, piglets (weaned) and sows (<u>EFSA-Q-2021-00342</u>) and finalised the relevant sections of the draft opinion.
- 4.2. The Working Group discussed the application on HiPhorius™ (6-phytase (EC 3.1.3.2.6)) for all pigs, all avian species and all fish (<u>EFSA-Q-2022-00082</u>) and identified issues that require clarification.
- 4.3. The Working Group discussed the application on RONOZYME WX (CT), RONOZYME WX (L) (Endo-1,4-beta-xylanase (EC 3.2.1.8) for all pigs and all avian species (EFSA-Q-2022-00156) and identified issues that require clarification.
- 4.4. The Working Group discussed the application on Huvezym neXo (endo-1,4-beta-xylanase, endo-1,4-beta-glucanase and xyloglucan-specific-endo-beta-1,4-glucanase) for poultry and pigs (<u>EFSA-Q-2021-00308</u>) and finalised the relevant sections of the draft opinion.
- 4.5. The Working Group discussed the application on Hostazym C (endo-1,4-beta-glucanase (E.C.3.2.1.4)) for chickens for fattening, minor poultry species for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species

<sup>&</sup>lt;sup>3</sup> Attending for the discussion of item 5.2.

<sup>&</sup>lt;sup>4</sup> Attending for the discussion of item 5.2

<sup>&</sup>lt;sup>5</sup> Attending for the discussion of item 5.2

<sup>&</sup>lt;sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





- reared for breeding, minor poultry species reared for laying, ornamental birds, piglets (weaned) (EFSA-Q-2021-00342) and identified issues that require clarification.
- 4.6. The Working Group discussed the application on the follow-up opinion linked to <a href="EFSA-Q-2017-00724"><u>EFSA-Q-2017-00724</u></a> Bafasal<sup>®</sup> (preparation of bacteriophages 3sent1, 8sent65, 8sent1748 & 5sent1) for all avian species (<a href="EFSA-Q-2022-00196"><u>EFSA-Q-2022-00196</u></a>) and decided that further discussion is needed.
- 4.7. The Working Group discussed the application on the follow-up opinion linked to <a href="EFSA-Q-2018-00422">EFSA-Q-2018-00422</a> Sorbiflore® ADVANCE (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for weaned piglets (<a href="EFSA-Q-2021-00535">EFSA-Q-2021-00535</a>) and finalised the relevant sections of the draft opinion.
- 4.8. The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2017-00756 Sorbiflore® ADVANCE (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for chickens for fattening (<u>EFSA-Q-2021-00536</u>) and finalised the relevant sections of the draft opinion.
- 4.9. The Working Group discussed the application on the follow-up opinion linked to <a href="EFSA-Q-2017-00754">EFSA-Q-2017-00754</a> Lactobacillus rhamnosus CNCM I-3698 and Lactobacillus farciminis CNCM I-3699 for all animal species (<a href="EFSA-Q-2021-00539">EFSA-Q-2021-00539</a>) and finalised the relevant sections of the draft opinion.
- 4.10. The Working Group discussed the application on Nutrixtend Optim (beta-mannanase (EC 3.2.1.78) produced by *Aspergillus niger* (CBS 120604)) for chickens for fattening (<u>EFSA-Q-2021-00549</u>) and identified issues that require clarification.
- 4.11. The Working Group discussed the application 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 (<u>EFSA-Q-2020-00620</u>) and finalised the relevant sections of the draft opinion.
- 4.12. The Working Group discussed the application on RONOZYME® VP (CT) and RONOZYME® VP (L) (endo-1,3(4)-beta-glucanase (IUB No 3.2.1.6)) for weaned piglets and chickens for fattening ( $\underline{\text{EFSA-Q-2019-00528}}$ ) and finalised the relevant sections of the draft opinion.
- 4.13. The Working Group discussed the application on preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 (MixBaLac) for all animal species (<u>EFSA-Q-2022-00234</u>) and decided that further discussion is needed.
- 4.14. The Working Group discussed the applications on Microsaf (*Bacillus velezensis* (*amyloliquefaciens*) NRRL B-67647, *Bacillus pumilus* NRRL B-67648, *Bacillus licheniformis* NRRL B-67649) for chickens for fattening and other poultry for fattening (e.g. turkeys, ducks, geese, pheasants, quail, guinea fowl, ostrich) and ornamental birds (<u>EFSA-Q-2021-00449</u>) and identified issues that require clarification.
- 4.15. The Working Group discussed the application on Actisaf Sc47 (*Saccharomyces cerevisiae* CNCM I-4407) for rabbits for fattening and other non-food producing rabbits (<u>EFSA-Q-2021-00382</u>) and finalised the relevant sections of the draft opinion.
- 4.16. The Working Group discussed the application on L-valine produced by a non-GMO *Corynebacterium glutamicum* strain (CGMCC 18932) intended for all animal species (<u>EFSA-Q-2021-00566</u>) and finalised the relevant sections of the draft opinion.
- 4.17. Items not discussed: BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned), other minor growing and reproductive porcine species, turkeys for breeding and





other minor poultry species (<u>EFSA-Q-2019-00736</u>) and TechnoSpore50 (*Weizmannia coagulans* DSM 32016) for poultry reared for breeding, poultry reared for laying, poultry for fattening, ornamental birds, suckling and weaned Suidae piglets (<u>EFSA-Q-2022-00221</u>).

#### 5. Any Other Business

- 5.1. A presentation on the European Medicines Agency draft guideline on quality, safety and efficacy of veterinary medicinal products specifically designed for phage therapy was made by representatives of the Novel Therapies and Technologies Working Party and the participants discussed common challenges on the risk assessment of bacteriophages.
- 5.2. The participants discussed technical aspects of whole genome sequence-based analysis of microorganisms intentionally added to food and feed.
- 5.3. A presentation on the Deutsche Sammlung von Mikroorganismen und Zellkulturen fungal culture collection was provided.
- 5.4. A proposal for the 2023 meetings calendar and future planning was made and the participants engaged in a discussion.

#### 6. Next meeting

16 November 2022





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

# MINUTES OF THE 61<sup>ST</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 21 September 2022** 

(Agreed on 21 September 2022)

### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Lieve Herman, Miguel Prieto Maradona and Maria Saarela

Hearing Expert:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Rosella Brozzi, Yolanda García Cazorla and Elisa Pettenati

Others:

Not Applicable

### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received from (names).

#### 2. Adoption of agenda





The agenda was adopted with changes. Agenda item 4.4 was added.

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

In accordance with EFSA's Policy on Independence<sup>1</sup> and the Decision of the Executive Director on Competing Interest Management<sup>2,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group discussed the applications on Huvezym neXo (endo-1,4beta-xylanase, endo-1,4-beta-glucanase and xyloglucan-specific-endo-beta-1,4glucanase) for poultry and pigs (EFSA-Q-2021-00308) and identified issues that require clarification.
- 4.2. The Working Group discussed the application on Correlink<sup>™</sup> ABS747 *Bacillus* subtilis ABS747 (Bacillus velezensis NRRL B-67257) for chickens for fattening, turkeys for fattening, chickens reared for laying, turkeys reared for breeding, minor poultry species (EFSA-Q-2022-00233) and finalised the relevant sections of the draft opinion.
- 4.3. The Working Group discussed the application on Correlink<sup>™</sup> ABS1781 *Bacillus* subtilis ABS1781 (Bacillus velezensis NRRL B-67259) for chickens for fattening, turkeys for fattening, chickens reared for laying, turkeys reared for breeding, minor poultry species (EFSA-Q-2022-00264) and finalised the relevant sections of the draft opinion.
- 4.4. The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2017-00724 - Bafasal® (preparation of bacteriophages 3sent1, 8sent65, 8sent1748 & 5sent1) for all avian species (EFSA-Q-2022-00196) and decided that further discussion is needed.
- 4.5. Items not discussed: L-Histidine monohydrochloride monohydrate produced by fermentation with E. coli NITE SD 00329 for all animal species (EFSA-Q-2020-00808) and 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-O-2020-00620).

### Next meeting(s)

19 and 20 October 2022

<sup>&</sup>lt;sup>1</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





**FEEDCO UNIT** 

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

MINUTES OF THE 60<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 24 and 31 August 2022

(Agreed on 21 September 2022 by written procedure)

#### **Participants**

Working Group Members:<sup>1</sup>

Baltasar Mayo (Chair of the Working Group), Stephane Brétagne<sup>2</sup>, Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona, Amparo Querol<sup>3</sup>, Maria Saarela, Yolanda Sanz and Andrey Yurkov<sup>4</sup>

Hearing Experts<sup>5</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEEDCO Unit: Montserrat Anguita, Yolanda García Cazorla, Jordi Ortuño, Elisa Pettenati, Fabiola Pizzo, Joana Revez, Jordi Tarrés-Call and Maria Vittoria Vettori

Others:

Not Applicable

<sup>&</sup>lt;sup>1</sup> Attending on 31 August, except if indicated otherwise

<sup>&</sup>lt;sup>2</sup> Attending also on 24 for the discussion of item 5.1

<sup>&</sup>lt;sup>3</sup> Attending only on 24 August for the discussion of item 5.1

<sup>&</sup>lt;sup>4</sup> Attending also on 24 for the discussion of item 5.1

<sup>&</sup>lt;sup>5</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <a href="http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf">http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf</a>.





#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence<sup>6</sup> and the Decision of the Executive Director on Competing Interest Management<sup>7</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group discussed the application on preparation of 3-phytase produced by *Komagataella phaffii* (CECT 13171) presented in solid (FSF10000) and liquid (FLF1000) forms for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor poultry species, pigs for fattening and minor porcine species for fattening (EFSA-Q-2020-00161) and finalised the relevant sections of the draft opinion.
- 4.1. The Working Group discussed the application on Pan-Zoot (pancreatin of porcine pancreas glands) for dogs (<u>EFSA-Q-2021-00464</u>) and finalised the relevant sections of the draft opinion.
- 4.2. The Working Group discussed the application on Axtra® XB 201 TPT and Axtra® XB 201 L (endo-1,4-beta-xylanase EC 3.2.1.8 and endo-1,3(4)-beta-glucanase (E.C 3.2.1.6)) for all avian species, piglets (suckling and weaned piglets), pigs for fattening, lactating sows (including minor porcine species) and minor growing porcine species (EFSA-Q-2020-00489) and finalised the relevant sections of the draft opinion.
- 4.3. The Working Group discussed the application on L-lysine monohydrochloride, Concentrated Liquid L-lysine, Concentrated Liquid L-lysine monohydrochloride for all animal species (<u>EFSA-Q-2021-00462</u>) and finalised the relevant sections of the draft opinion.
- 4.4. The Working Group discussed the application on L-Lysine monohydrochloride and L-lysine sulphate produced by *Corynebacterium glutamicum* CGMCC 17927 for

6 http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>7</sup> <a href="http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf">http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf</a>





- all animal species (<u>EFSA-Q-2021-00439</u>) and finalised the relevant sections of the draft opinion.
- 4.5. The Working Group discussed the application on BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants and piglets (suckling and weaned) (<u>EFSA-Q-2019-00736</u>) and decided that further discussion is needed.
- 4.6. The Working Group discussed the application on Vitamin B2 produced by *Bacillus subtilis* CGMCC 13326 for all animal species (<u>EFSA-Q-2020-00637</u>) and finalised the relevant sections of the draft opinion.
- 4.7. The Working Group discussed the application on 25- Hydroxycholecalciferol for all pigs, all poultry for fattening and ornamental birds, and other poultry species (EFSA-Q-2021-00641) and decided that further discussion is needed.
- 4.8. The Working Group discussed the application on *Lactobacillus plantarum* DSM 8862 and *Lactobacillus plantarum* DSM 8865 (BIO-SIL) for pigs, bovines, sheep, goats, horses (<u>EFSA-Q-2021-00131</u>) and finalised the relevant sections of the draft opinion.
- 4.9. The Working Group discussed the application on Hemicell® HT, Hemicell® HT-L (endo-1,4-beta-mannanase, EC 3.2.1.78) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, pigs for fattening, weaned piglets, minor porcine species and minor avian species for fattening or reared for laying or breeding (EFSA-Q-2021-00346) finalised the relevant sections of the draft opinion.
- 4.10. The Working Group discussed the application on RONOZYME® HiPhos (6-phytase) for poultry, pigs for fattening, piglets (weaned) and sows (<u>EFSA-Q-2021-00342</u>) and identified issues that require clarification.
- 4.11. The Working Group discussed the application on Axtra® PHY GOLD 30 L, Axtra® PHY GOLD 30 T, Axtra® PHY GOLD 65 G (6-phytase) for all pigs and all poultry species (<u>EFSA-Q-2020-00767</u>) and finalised the relevant sections of the draft opinion.
- 4.12. The Working Group discussed the application on AGal-Pro BL and AGal-Pro BLL (alpha-galactosidase (EC3.2.1.22), endo-1,4-betaglucanase (EC3.2.1.4)) for chickens and minor poultry species for fattening and chickens reared for laying (EFSA-Q-2021-00128) and identified issues that require clarification.
- 4.13. The Working Group discussed the application on red carotenoid rich *Paracoccus carotinifaciens* (Panaferd-AX) for salmon and trout (<u>EFSA-Q-2017-00694</u>) and decided that further discussion is needed.
- 4.14. Items not discussed: L-Histidine monohydrochloride monohydrate produced by fermentation with *E. coli* NITE SD 00329 for all animal species (<u>EFSA-Q-2020-00808</u>), Huvezym neXo (endo-1,4-beta-xylanase, endo-1,4-beta-glucanase and xyloglucan-specific-endo-beta-1,4-glucanase) for poultry and pigs (<u>EFSA-Q-2021-00308</u>), Correlink™ (*Bacillus subtilis* ABS747) for chickens for fattening, turkeys for fattening, chickens reared for laying, turkeys reared for breeding, minor poultry





species ( $\underline{\mathsf{EFSA-Q-2022-00233}}$ ), and Correlink<sup>™</sup> (*Bacillus subtilis* ABS1781) for chickens for fattening, turkeys for fattening, chickens reared for laying, minor poultry species ( $\underline{\mathsf{EFSA-Q-2022-00234}}$ ).

## 5. Any Other Business

5.1. The new members of the Working Group were provided an induction session on the working principles and practices.

#### 6. Next meeting(s)

21 September 2022





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

# MINUTES OF THE 59<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 14 June 2022

(Agreed on 14 June 2022)

### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEEDCO Unit: Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati Joana Revez and Maria Vittoria Vettori

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

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





No apologies were received from.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

- 4.1. The Working Group discussed the application on Preparation of 3-phytase produced by *Komagataella phaffii* (CECT 13171) presented in solid (FSF10000) and liquid (FLF1000) forms for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor poultry species, pigs for fattening and minor porcine species for fattening (EFSA-Q-2020-00161) decided that further discussion is needed.
- 4.2. The Working Group discussed the application on ProAct 360 (subtilisin protease produced by *Bacillus licheniformis* (DSM 33099)) for all growing poultry species (<u>EFSA-Q-2021-00544</u>) and identified issues that require clarification.
- 4.3. The Working Group discussed the application on Correlink™ (*Bacillus subtilis* ABS747) for chickens for fattening, turkeys for fattening, chickens reared for laying, turkeys reared for breeding, minor poultry species (<u>EFSA-Q-2022-00233</u>) and finalised the relevant sections of the draft opinion.
- 4.4. The Working Group discussed the application on L-lysine monohydrochloride, Concentrated Liquid L-lysine, Concentrated Liquid L-lysine monohydrochloride for all animal species (<u>EFSA-Q-2021-00462</u>) and decided that further discussion is needed.
- 4.5. The Working Group discussed the application on beta-xylanase (EC 3.2.1.8) produced by *Komagaetella phaffii* xyl-2 (DSM 33574), *Bacillus amyloliquefaciens* Ba-BPD1 (DSM 21836) and *Bacillus licheniformis* PWD-1 (ATCC 53757)) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and minor avian species (EFSA-Q-2021-00312) and finalised the relevant sections of the draft opinion.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

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- 4.6. The Working Group discussed the application on Vitamin B2 (riboflavin) produced by *Bacillus subtilis* KCCM 10445 for all animal species (<u>EFSA-Q-2022-00103</u>) and finalised the relevant sections of the draft opinion.
- 4.7. The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2013-00752 Elancoban® (monensin sodium) for chickens for fattening, chickens reared for laying, turkeys (<u>EFSA-Q-2021-00537</u>) and further discussion is needed.
- 4.8. The Working Group discussed the application on Riboflavin 5-phosphate ester monosodium salt (solid form produced after phosphorylation of riboflavin 98%) produced by *Bacillus subtilis* KCCM-10445 for all animal species (<u>EFSA-Q-2020-00838</u>) and finalised the relevant sections of the draft opinion.
- 4.9. Items not discussed: Monteban® G100 (narasin) for chickens for fattening (EFSA-Q-2020-00557), Coxidin (monensin sodium; carrier wheat bran) for chickens for fattening and turkeys for fattening (EFSA-Q-2016-00643), Coxidin (monensin sodium; carrier wheat bran) for chickens reared for laying and turkeys reared for breeding (EFSA-Q-2020-00837), Coxidin (monensin sodium; carrier calcium carbonate) for turkeys reared for breeding (EFSA-Q-2021-00074) and Coxidin (monensin sodium; carrier calcium carbonate) for chickens for fattening, chickens reared for laying and turkeys for fattening (EFSA-Q-2020-00405).

## 5. Any Other Business

5.1. The WG was informed that the composition of the WG will be updated with new members and that the relevant procedure has been started.

#### 6. Next meeting(s)

31 August 2022





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

# MINUTES OF THE 58<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

HYBRID-conference, 27 and 28 April 2022

(Agreed on 10 May 2022 by written procedure)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela

Hearing Experts<sup>1</sup>:

Carmen Peláez and Anneli Widenfalk<sup>2</sup>

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEEDCO Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati and Jordi Ortuño, Anita Radovnikovic, Joana Revez, Barbara Rossi, Katja Schirmer and Maria Vittoria Vettori

FIP Unit: Jaime Aquilera<sup>2</sup>

NIF Unit: Reinhilde Schoonjans<sup>3</sup> and Silvia Federici<sup>2</sup> IDATA Unit: Rubén Fuertes and Giovanni Iacono<sup>2</sup>

PREV Unit: Varvara Gouliarmou<sup>2</sup>

BIOHAW Unit: Beatriz Guerra Roman<sup>2</sup>

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

<sup>&</sup>lt;sup>2</sup> Attending for the discussion of item 5.4

 $<sup>^{3}</sup>$  Attending for the discussion of item 5.2





Others:

EMA: Susana Casado, Frédéric Klein and Jacqueline Poot<sup>4</sup>

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes. Items agenda 4.7, 4.10 and 5.1 were added.

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

In accordance with EFSA's Policy on Independence<sup>5</sup> and the Decision of the Executive Director on Competing Interest Management<sup>6,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- **4.1.** The Working Group discussed the application on Probiotic Lactina® (preparation of *Enterococcus faecium* NBIMCC 8270, *Lactobacillus acidophilus* NBIMCC 8242, *Lactobacillus helveticus* NBIMCC 8269, *Lactobacillus delbrueckii* ssp. *lactis* NBIMCC 8250, *Lactobacillus delbrueckii* ssp. *bulgaricus* NBIMCC 8244 and *Streptococcus thermophilus* NBIMCC 8253) for cats and dogs (<u>EFSA-Q-2020-00690</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group discussed the application on Ronozyme<sup>®</sup> Multigrain (endo-1,4-beta-xylanase (EC 3.2.1.8), endo-1,3(4)-beta-glucanase (EC 3.2.1.6) and endo-1,4-beta-glucanase (EC 3.2.1.4), produced by *Trichoderma reesei* (ATCC 74444)) for poultry for fattening other than turkeys for fattening, poultry for laying, turkeys for fattening, piglets (weaned) and pigs for fattening (EFSA-Q-2021-00498) and identified issues that require clarification.
- **4.3.** The Working Group discussed the application on Vitamin B12/cyanocobalamin produced by *Ensifer adhaerens* CGMCC 19596 for all animal species (<u>EFSA-Q-2021-00571</u>) and identified issues that require clarification.

<sup>5</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>4</sup> Attending for the discussion of item 5.3

<sup>&</sup>lt;sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





- **4.4.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2013-00752 Elancoban® (monensin sodium) for chickens for fattening, chickens reared for laying, turkeys (<u>EFSA-Q-2021-00537</u>) and identified issues that require clarification.
- **4.5.** The Working Group discussed the application on Sacox® (salinomycin sodium) for rabbits for fattening (<u>EFSA-Q-2020-00282</u>) and identified issues that require clarification.
- **4.6.** The Working Group discussed the application on RONOZYME® VP (CT) and RONOZYME® VP (L) (endo-1,3(4)-beta-glucanase (IUB No 3.2.1.6)) for weaned piglets and chickens for fattening (<u>EFSA-Q-2019-00528</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The Working Group discussed the application on Axtra® PHY GOLD 30 L, Axtra® PHY GOLD 30 T, Axtra® PHY GOLD 65 G (6- phytase) for all pigs, all poultry species (EFSA-Q-2020-00767) and identified issues that require clarification.
- **4.8.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2017-00724 Bafasal® (preparation of bacteriophages 3sent1, 8sent65, 8sent1748 & 5sent1) for all avian species (<u>EFSA-Q-2022-00196</u>) and identified issues that require clarification.
- **4.9.** The Working Group discussed the application on *Pediococcus acidilactici* CNCM I-4622 for all animal species (<u>EFSA-Q-2020-00839</u>) and identified issues that require clarification.
- **4.10.** The Working Group discussed the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 (MixBaLac) (<u>EFSA-Q-2022-00234</u>) and identified issues that require clarification.
- **4.11.** The Working Group discussed the application on *Lactiplantibacillus plantarum* DSM 11520 (preparation of *Lactiplantibacillus plantarum* DSM 11520) (<u>EFSA-Q-2021-00687</u>) and finalised the relevant section of the draft opinion.
- **4.12.** The Working Group discussed the application on ENZY CARBOPLUS®/ENZY CARBOPLUS® L xylanase (EC 3.2.1.8) and beta-glucanase (EC 3.2.1.6) for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor avian species including laying birds, weaned piglets and minor weaned porcine species (EFSA-Q-2021-00314) and identified issues that require clarification.
- **4.13.** The Working Group discussed the applications on AveMix® 02CS (endo-1,4-beta-xylanase, endo-1,3 (4)-beta-glucanase and polygalacturonase) for piglets (weaned and suckling) (<u>EFSA-Q-2020-00840</u> and <u>EFSA-Q-2020-00635</u>) and AveMix XG 10 (endo-1,4-beta-xylanase, endo-1,3(4)-beta-glucanase) for piglets (suckling and weaned piglets) (<u>EFSA-Q-2020-00807</u>) and identified issues that require clarification.
- **4.14.** The Working Group discussed the application on L-Arginine produced by *Corynebacterium glutamicum* CGMCC 20516 for all animal species (<u>EFSA-Q-2021-00494</u>) and finalised the relevant sections of the draft opinion.





**4.15.** The Working Group discussed the application on BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned), other minor growing and reproductive porcine species, turkeys for breeding and other minor poultry species (<u>EFSA-Q-2019-00736</u>) and identified issues that require clarification.

#### **5. Any Other Business**

- **5.1.** EFSA was informed about the outcome of a European Commission's fact-finding mission (FFM) that was performed in accordance with Art 61a of Regulation (EC) No 178/2002<sup>7</sup>, as amended by the Regulation (EU) 2019/1381<sup>8</sup>. The FFM concerned the verification of adherence to the ISO 21527-2:2008 standard for the analysis of yeasts and moulds that was carried out in the context of application on Miya-Gold<sup>®</sup> (preparation of *Clostridium butyricum* FERM BP-2789) for chickens for fattening, chickens reared for laying and minor avian species (excluding laying birds) (EFSA-Q-2021-00384). The Working Group considered this information for the evaluation of the characterisation of the additive section and concluded that the FFM findings have no impact on the outcome of the risk assessment, and therefore no further follow-up is considered necessary.
- **5.2.** A presentation on the status of the "Evaluation of existing guidelines for their adequacy for the food and feed risk assessment of microorganisms obtained through synthetic biology" was provided and the participants discussed the future challenges and impacts on the guidance.
- **5.3.** A presentation on the European Medicines Agency concept paper on the quality, safety and efficacy of bacteriophages as veterinary medicines status was given by representatives from the Novel Therapies and Technologies Working Party and the participants discussed common challenges on the risk assessment of bacteriophages.
- **5.4.** The participants discussed technical aspects of whole genome sequence-based analysis of microorganisms intentionally added to food and feed.

#### 6. Next meeting

14 June 2022.

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<sup>&</sup>lt;sup>7</sup> Regulation (EC) No 178/2002 of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety. OJ L 31, 1.2.2002, p. 1–24

 $<sup>^8</sup>$  Regulation (EU) 2019/1381 of the European Parliament and of the Council of 20 June 2019 on the transparency and sustainability of the EU risk assessment in the food chain and amending Regulations (EC) No 178/2002, (EC) No 1829/2003, (EC) No 1831/2003, (EC) No 2065/2003, (EC) No 1935/2004, (EC) No 1331/2008, (EC) No 1107/2009, (EU) 2015/2283 and Directive 2001/18/EC. OJ L 231, 6.9.2019, p. 1–28





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

## MINUTES OF THE 57<sup>TH</sup> MEETING OF THE WORKING GROUP ON **MICROBIOLOGY**

TELE-conference, 15 March 2022

(Agreed on 15 March 2022)

### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEEDCO Unit: Rosella Brozzi, Yolanda García Cazorla, Jordi Ortuño Casanova, Elisa Pettenati, Joana Revez and Jordi Tarrés

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





Others:

EMA: Susana Casado, Frédéric Klein and Jacqueline Poot<sup>4</sup>

#### 1. Welcome and apologies for absence

The Chair welcomed the participants.

No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes. Items agenda 4.7, 4.10 and 5.1 were added.

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

In accordance with EFSA's Policy on Independence<sup>5</sup> and the Decision of the Executive Director on Competing Interest Management<sup>6,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- **4.1.** The Working Group discussed the application on Probiotic Lactina® (preparation of *Enterococcus faecium* NBIMCC 8270, *Lactobacillus acidophilus* NBIMCC 8242, *Lactobacillus helveticus* NBIMCC 8269, *Lactobacillus delbrueckii* ssp. *lactis* NBIMCC 8250, *Lactobacillus delbrueckii* ssp. *bulgaricus* NBIMCC 8244 and *Streptococcus thermophilus* NBIMCC 8253) for cats and dogs (<u>EFSA-Q-2020-00690</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group discussed the application on Ronozyme<sup>®</sup> Multigrain (endo-1,4-beta-xylanase (EC 3.2.1.8), endo-1,3(4)-beta-glucanase (EC 3.2.1.6) and endo-1,4-beta-glucanase (EC 3.2.1.4), produced by *Trichoderma reesei* (ATCC 74444)) for poultry for fattening other than turkeys for fattening, poultry for laying, turkeys for fattening, piglets (weaned) and pigs for fattening (EFSA-Q-2021-00498) and identified issues that require clarification.
- **4.3.** The Working Group discussed the application on Vitamin B12/cyanocobalamin produced by *Ensifer adhaerens* CGMCC 19596 for all animal species (<u>EFSA-Q-2021-00571</u>) and identified issues that require clarification.

<sup>5</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>4</sup> Attending for the discussion of item 5.3

<sup>&</sup>lt;sup>6</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





- **4.4.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2013-00752 Elancoban® (monensin sodium) for chickens for fattening, chickens reared for laying, turkeys (<u>EFSA-Q-2021-00537</u>) and identified issues that require clarification.
- **4.5.** The Working Group discussed the application on Sacox® (salinomycin sodium) for rabbits for fattening (<u>EFSA-Q-2020-00282</u>) and identified issues that require clarification.
- **4.6.** The Working Group discussed the application on RONOZYME® VP (CT) and RONOZYME® VP (L) (endo-1,3(4)-beta-glucanase (IUB No 3.2.1.6)) for weaned piglets and chickens for fattening (<u>EFSA-Q-2019-00528</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The Working Group discussed the application on Axtra® PHY GOLD 30 L, Axtra® PHY GOLD 30 T, Axtra® PHY GOLD 65 G (6- phytase) for all pigs, all poultry species (EFSA-Q-2020-00767) and identified issues that require clarification.
- **4.8.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2017-00724 Bafasal® (preparation of bacteriophages 3sent1, 8sent65, 8sent1748 & 5sent1) for all avian species (<u>EFSA-Q-2022-00196</u>) and identified issues that require clarification.
- **4.9.** The Working Group discussed the application on *Pediococcus acidilactici* CNCM I-4622 for all animal species (<u>EFSA-Q-2020-00839</u>) and identified issues that require clarification.
- **4.10.** The Working Group discussed the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 (MixBaLac) (<u>EFSA-Q-2022-00234</u>) and identified issues that require clarification.
- **4.11.** The Working Group discussed the application on *Lactiplantibacillus plantarum* DSM 11520 (preparation of *Lactiplantibacillus plantarum* DSM 11520) (<u>EFSA-Q-2021-00687</u>) and finalised the relevant section of the draft opinion.
- **4.12.** The Working Group discussed the application on ENZY CARBOPLUS®/ENZY CARBOPLUS® L xylanase (EC 3.2.1.8) and beta-glucanase (EC 3.2.1.6) for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor avian species including laying birds, weaned piglets and minor weaned porcine species (EFSA-Q-2021-00314) and identified issues that require clarification.
- **4.13.** The Working Group discussed the applications on AveMix® 02CS (endo-1,4-beta-xylanase, endo-1,3 (4)-beta-glucanase and polygalacturonase) for piglets (weaned and suckling) (<u>EFSA-Q-2020-00840</u> and <u>EFSA-Q-2020-00635</u>) and AveMix XG 10 (endo-1,4-beta-xylanase, endo-1,3(4)-beta-glucanase) for piglets (suckling and weaned piglets) (<u>EFSA-Q-2020-00807</u>) and identified issues that require clarification.
- **4.14.** The Working Group discussed the application on L-Arginine produced by *Corynebacterium glutamicum* CGMCC 20516 for all animal species (<u>EFSA-Q-2021-00494</u>) and finalised the relevant sections of the draft opinion.





**4.15.** The Working Group discussed the application on BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned), other minor growing and reproductive porcine species, turkeys for breeding and other minor poultry species (<u>EFSA-Q-2019-00736</u>) and identified issues that require clarification.

#### **5. Any Other Business**

- **5.1.** EFSA was informed about the outcome of a European Commission's fact-finding mission (FFM) that was performed in accordance with Art 61a of Regulation (EC) No 178/2002<sup>7</sup>, as amended by the Regulation (EU) 2019/1381<sup>8</sup>. The FFM concerned the verification of adherence to the ISO 21527-2:2008 standard for the analysis of yeasts and moulds that was carried out in the context of application on Miya-Gold<sup>®</sup> (preparation of *Clostridium butyricum* FERM BP-2789) for chickens for fattening, chickens reared for laying and minor avian species (excluding laying birds) (EFSA-Q-2021-00384). The Working Group considered this information for the evaluation of the characterisation of the additive section and concluded that the FFM findings have no impact on the outcome of the risk assessment, and therefore no further follow-up is considered necessary.
- **5.2.** A presentation on the status of the "Evaluation of existing guidelines for their adequacy for the food and feed risk assessment of microorganisms obtained through synthetic biology" was provided and the participants discussed the future challenges and impacts on the guidance.
- **5.3.** A presentation on the European Medicines Agency concept paper on the quality, safety and efficacy of bacteriophages as veterinary medicines status was given by representatives from the Novel Therapies and Technologies Working Party and the participants discussed common challenges on the risk assessment of bacteriophages.
- **5.4.** The participants discussed technical aspects of whole genome sequence-based analysis of microorganisms intentionally added to food and feed.

#### 6. Next meeting

14 June 2022.

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<sup>&</sup>lt;sup>7</sup> Regulation (EC) No 178/2002 of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety. OJ L 31, 1.2.2002, p. 1–24

 $<sup>^8</sup>$  Regulation (EU) 2019/1381 of the European Parliament and of the Council of 20 June 2019 on the transparency and sustainability of the EU risk assessment in the food chain and amending Regulations (EC) No 178/2002, (EC) No 1829/2003, (EC) No 1831/2003, (EC) No 2065/2003, (EC) No 1935/2004, (EC) No 1331/2008, (EC) No 1107/2009, (EU) 2015/2283 and Directive 2001/18/EC. OJ L 231, 6.9.2019, p. 1–28





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

# MINUTES OF THE 56<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 16 February 2022

(Agreed on 24 February 2022)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEEDCO Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Jordi Ortuño Casanova, Elisa Pettenati, Fabiola Pizzo, Joana Revez and Maria Vittoria Vettori

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

- **4.1.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2017-00717 AXTRA® XAP 104 TPT (endo-1,4-beta-xylanase, alphaamylase and protease) for chickens for fattening, laying hens and all minor poultry species (EFSA-Q-2020-00620) and identified issues that require clarification.
- **4.2.** The Working Group discussed the application on the follow-up opinion linked to EFSA-Q-2018-01040 Avizyme® 1505 (endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588), subtilisin produced by *Bacillus subtilis* (ATCC 2107) and alpha-amylase produced by *Bacillus amyloliquefaciens* (ATCC 3978)) for all poultry species (EFSA-Q-2021-00694) and identified issues that require clarification.
- **4.3.** The Working Group discussed the application on BLIS K12 (*Streptococcus salivarius* K12) for pets and other non-food-producing animals (<u>EFSA-Q-2021-00501</u>) and identified issues that require clarification.
- **4.4.** The Working Group discussed the application on Axtra® PHY GOLD 30 L, Axtra® PHY GOLD 30 T, Axtra® PHY GOLD 65 G (6- phytase) for all pigs, all poultry species (<u>EFSA-Q-2020-00767</u>) and identified issues that require clarification.
- **4.5.** The Working Group discussed the applications on Coxidin® (monensin sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening and turkeys for breeding purposes (<u>EFSA-Q-2016-00643</u>; <u>EFSA-Q-2020-00405</u>; <u>EFSA-Q-2020-00837</u>; <u>EFSA-Q-2021-00074</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** The working group discussed the application on the follow-up opinion linked to EFSA-Q-2014-00219 and EFSA-Q-2015-00714 Aviax® 5% (semduramicin sodium) for chickens for fattening (EFSA-Q-2019-00813) and finalised the relevant sections of the draft opinion.
- **4.7.** Items not discussed: RONOZYME® HiPhos (6-phytase) for poultry, pigs for fattening, piglets (weaned) and sows (<u>EFSA-Q-2021-00342</u>); follow-up opinion

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





linked to EFSA-Q-2018-00422 - Sorbiflore ADVANCE (Lactobacillus rhamnosus CNCM I-3698 and Lactobacillus farciminis CNCM I-3699) for weaned piglets (EFSA-O-2021-00535); follow-up opinion linked to EFSA-Q-2017-00756 - Sorbiflore ADVANCE (Lactobacillus rhamnosus CNCM I-3698 and Lactobacillus farciminis CNCM I-3699) for chickens for fattening (EFSA-Q-2021-00536); follow-up opinion linked to EFSA-Q-2017-00754 - Lactobacillus rhamnosus CNCM I-3698 and Lactobacillus farciminis CNCM I-3699 for all animal species (EFSA-Q-2021-00539); Correlink ABS 1704 Bacillus velezensis (Bacillus velezensis NRRL B-67770) for chickens for fattening, turkeys for fattening, chickens reared for laying, minor poultry species and turkeys reared for breeding (EFSA-Q-2021-00240); XygestTM HT (endo-1,4-beta-xylanase EC 3.2.1.8) for poultry (EFSA-Q-2021-00098); L-Lysine monohydrochloride and L-lysine sulphate for all animal species (EFSA-O-2021-00439) and Natupulse® TS/Natupulse® TS L (endo-1,4-beta-D-mannanase, EC 3.2.178) for all growing poultry species (chickens for fattening, turkeys for fattening and minor growing poultry species and other poultry for fattening (e.g. ducks, geese, pheasants, quail, guinea fowl, ostrich) and ornamental birds (EFSA-Q-2021-00075).

#### 5. Any Other Business

Not applicable.

#### 6. Next meeting(s)

15 March 2022.





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

# MINUTES OF THE 55<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 18 January 2022** 

(Agreed on 4 February 2022)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Rosella Brozzi, Yolanda García Cazorla, Jordi Ortuño Casanova, Elisa Pettenati, Fabiola Pizzo, Anita Radovnikovic, Joana Revez and Jordi Tarrés Call.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

- **4.1.** The Working Group discussed the application on Free Yeast® F (Fumonisin B1 esterase (3.1.1.87) produced by *Komagataella phaffii* NCAIM (P) Y001485) for piglets (suckling and weaned), pigs for fattening, sows for reproduction and sows in order to have benefit in piglets (<u>EFSA-Q-2021-00470</u>) and identified issues that require clarification.
- **4.2.** The Working Group discussed the application on OptiPhos (6-phytase) for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, other avian species other than turkeys for fattening and turkeys reared for breeding, pigs for fattening, sows, piglets (weaned), breeding hens, ornamental birds, turkeys for breeding purposes, minor pig species for fattening or breeding and piglets (suckling) (EFSA-Q-2021-00152) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group discussed the application on L-lysine sulfate produced by *E. coli* CGMCC 7.398 for all animal species (<u>EFSA-Q-2021-00086</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working Group discussed the application on lactic acid for all animal species (EFSA-Q-2020-00281) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working Group discussed the application on L-methionine (min. 98.5%) and L-methionine (min. 90%) produced by fermentation with *Corynebacterium glutamicum* KCCM 80245 and *Escherichia coli* KCCM 80246 for all animal species (EFSA-Q-2021-00154) and finalised the relevant sections of the draft opinion.
- **4.6.** The Working Group discussed the application on L-lysine (HCl powder, HCl liquid, and lysine base) produced by a GM *E. coli* (<u>EFSA-Q-2021-00462</u>) and identified issues that require clarification.
- **4.7.** The Working Group discussed the application on 25-hydroxycholecalciferol for ruminants (EFSA-Q-2021-00341) and identified issues that require clarification.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





- **4.8.** The Working Group discussed the application on *Lactococcus lactis* NCIMB30117 for all animal species (<u>EFSA-Q-2021-00237</u>) and finalised the relevant sections of the draft opinion.
- **4.9.** The Working Group discussed the application on *Lactococcus lactis* DSM 11037 for all animal species (<u>EFSA-Q-2020-00846</u>) and finalised the relevant sections of the draft opinion.
- **4.10.** The Working Group discussed the application on 25-hydroxycholecalciferol for all pigs, all poultry for fattening and ornamental birds, and other poultry species (<a href="https://example.com/ersample.com/e
- **4.11.** Items not discussed: follow-up opinion linked to EFSA-Q-2018-00422 Sorbiflore ADVANCE (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for weaned piglets (<u>EFSA-Q-2021-00535</u>), follow-up opinion linked to EFSA-Q-2017-00756 Sorbiflore ADVANCE (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for chickens for fattening (<u>EFSA-Q-2021-00536</u>) and follow-up opinion linked to EFSA-Q-2017-00754 *Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699 for all animal species (<u>EFSA-Q-2021-00539</u>).

#### 5. Any Other Business

Not applicable.

#### Next meeting(s)

16 February 2022.





FFFD UNIT

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

# MINUTES OF THE 54<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 7 December 2021** 

(Agreed on 7 December 2021)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Miguel Prieto Maradona and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati, Joana Revez and Maria Vittoria Vettori.

Others:

Not Applicable

## 1. Welcome and apologies for absence

EFSA welcomed the participants.

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





Apologies were received from Yolanda Sanz.

#### 2. Adoption of agenda

The agenda was adopted with changes. Agenda points 4.4 and 4.5 were added.

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

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

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

- **4.1.** The WG discussed the application on Astaxanthin-rich *Phaffia rhodozyma* (ATCC SD 5340) (AQUASTA) for salmon and trout (<u>EFSA-Q-2015-00754</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The WG discussed the application on the follow-up opinion linked to EFSA-Q-2017-00049 on *Lactobacillus reuteri* DSM 32203 for dogs (<u>EFSA-Q-2021-00534</u>) and identified issues that require clarification.
- **4.3.** The WG discussed the application on Axtra® XB 201 TPT and Axtra® XB 201 L (endo-1,4-beta-xylanase EC 3.2.1.8 and endo-1,3(4)-beta-glucanase (E.C 3.2.1.6)) for all avian species, piglets (suckling and weaned piglets), pigs for fattening, lactating sows (including minor porcine species) and minor growing porcine species (EFSA-Q-2020-00489) and identified issues that require clarification.
- **4.4.** The WG discussed the application on L-arginine produced by *Corynebacterium glutamicum* CGMCC 20516 for all animal species (<u>EFSA-Q-2021-00494</u>) and identified issues that require clarification.
- **4.5.** The WG discussed the application on ZENzyme<sup>®</sup> (Zearalenone hydrolase) for all terrestrial animal species (<u>EFSA-Q-2020-00008</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** Items not discussed: Red carotenoid rich *Paracoccus carotinifaciens* (Panaferd-AX) for salmon and trout (<u>EFSA-Q-2017-00694</u>) and *Lactococcus lactis* DSM 11037 for all animal species (<u>EFSA-Q-2020-00846</u>).

#### 5. Any Other Business

Not applicable

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<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





## 6. Next meeting(s)

18 January 2022





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

# MINUTES OF THE 53<sup>rd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 17 November 2021** 

(Agreed on 17 November 2021)

### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Rosella Brozzi, Elisa Pettenati and Joana Revez

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <a href="https://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/expertselection.pdf">https://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/expertselection.pdf</a>.





#### 2. Adoption of agenda

The agenda was adopted with changes. Agenda point 4.7 was added.

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

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

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

- **4.1.**The WG discussed the application on L-Valine produced by fermentation with *E. coli* CCTCC M2020321 for all animal species (<u>EFSA-Q-2021-00252</u>) and finalised the relevant sections of the draft opinion.
- **4.2.**The WG discussed the application on PB6 (*Bacillus velezensis* (formerly *Bacillus subtilis*) ATCC PTA-6737) for turkeys for fattening, turkeys reared for breeding, piglets (weaned), weaned minor porcine species, laying hens, minor poultry species for laying and sows in order to have benefit in piglets (<u>EFSA-Q-2020-00097</u>) and finalised the relevant sections of the draft opinion.
- **4.3.**The WG discussed the application on the follow-up opinion linked to EFSA-Q-2019-00155 Nutrase P (6-phytase) for chickens for fattening, other poultry for fattening, reared for laying and ornamental birds (EFSA-Q-2021-00538) and identified issues that require clarification.
- **4.4.**The WG discussed the application on Cylactin®, Cernivet® (*Enterococcus faecium* NCIMB 10415) for chickens for fattening, chickens reared for laying, minor poultry species for fattening, minor poultry species reared for laying, chicken and minor poultry species reared for breeding, turkeys for fattening, turkeys reared for breeding, ornamental birds, calves for fattening, calves for rearing, kids for fattening, kids for rearing, lambs for fattening, lambs for rearing, minor or other ruminant species for rearing and fattening, sows, piglets (suckling), piglets (weaned), pigs for fattening, pigs for rearing, pigs for reproduction, minor pig species (suckling), minor pig species (weaned), minor pig species for rearing and fattening and minor pig species for reproduction (<a href="https://ersa.com/er
- **4.5.**The WG discussed the application on canthaxanthin for chickens for fattening, minor poultry species for fattening, laying poultry and poultry reared for laying, ornamental fish and ornamental birds except ornamental breeder hens, ornamental breeder hens (<a href="EFSA-Q-2021-00149">EFSA-Q-2021-00149</a>) and finalised the relevant sections of the draft opinion.
- **4.6.**The WG discussed the application on CAROPHYLL Red 10% (Canthaxanthin) for breeder hens (<u>EFSA-Q-2021-00150</u>) and finalised the relevant sections of the draft opinion.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf

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**4.7.**The WG discussed the application on *Lactiplantibacillus plantarum* E-98 NCIMB 30236 for all animal species and categories (<u>EFSA-Q-2021-00076</u>) and finalised the relevant sections of the draft opinion.

## 5. Any Other Business

Not applicable

## 6. Next meeting(s)

7 December 2021





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

# MINUTES OF THE 52<sup>nd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 27-28 October 2021

(Agreed on 28 October 2021)

#### **Participants**

Working Group Members:1

Baltasar Mayo (Chair of the Working Group)<sup>2</sup>, Henrik Christensen, Pier Sandro Cocconcelli<sup>3</sup>, Debora Glandorf, Miguel Prieto Maradona, Maria Saarela.

Hearing Experts:<sup>4,5</sup>

Phil Ashton, Christina Cuomo and Ed Louis

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita<sup>6</sup>, Elisa Pettenati, Jordi Tarres-Call<sup>3</sup>, Joana Revez, Anita

Radovnikovic<sup>3</sup>, and Maria Vittoria Vettori<sup>1</sup>

FIP Unit: Jaime Aguilera<sup>5</sup> GMO Unit: Silvia Federici<sup>5</sup> DATA Unit: Giovanni Iacono<sup>5</sup>

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

<sup>&</sup>lt;sup>1</sup> Attending both on 27 and 28 October in the morning, except if indicated otherwise

<sup>&</sup>lt;sup>2</sup> Attending and chairing the entire meeting (comprising 28 October in the afternoon)

<sup>&</sup>lt;sup>3</sup> Attending on 28 October in the morning

<sup>&</sup>lt;sup>4</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:

 $<sup>\</sup>frac{\text{https://www.efsa.europa.eu/sites/default/files/corporate publications/files/expertselection.pdf}}{5} \text{ Attending on 28 October in the afternoon for the discussion on item 5.2 of AOB}}$ 

<sup>&</sup>lt;sup>6</sup> Attending on 27 October





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence<sup>7</sup> and the Decision of the Executive Director on Competing Interest Management<sup>8,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group discussed the application on Amaferm (fermentation product of *Aspergillus oryzae* NRRL 458) for dairy cows (<u>EFSA-Q-2020-00574</u>) and finalised the relevant sections of the draft opinion.
- 4.2. The Working Group continued the discussion on the application on VTR-xylanase liquid, VTR-xylanase powder (endo-beta-1,4-xylanase) for all avian species including ornamental, exotic and game bird (<a href="EFSA-Q-2021-00442">EFSA-Q-2021-00442</a>) and identified issues that require clarification.
- 4.3. The Working Group discussed the application on ZENzyme® (Zearalenone hydrolase) for all terrestrial animal species (<u>EFSA-Q-2020-00008</u>) and identified issues that require clarification.
- 4.4. The Working Group discussed the application on Xylamax (endo-1,4-beta-xylanase (EC 3.2.1.8) produced by *Komagaetella phaffii* xyl-2 (DSM 33574)) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and all minor avian species (<u>EFSA-Q-2021-00254</u>) and finalised the relevant sections of the draft opinion.
- 4.5. The Working Group discussed the application on EnzaPro (preparation of endo-1,4-beta-xylanase (EC 3.2.1.8) produced by *Komagaetella phaffii* xyl-2 (DSM 33574), *Bacillus amyloliquefaciens* Ba-BPD1 (DSM 21836) and *Bacillus licheniformis* PWD-1 (ATCC 53757)) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and minor avian species (EFSA-Q-2021-00312) and identified issues that require clarification.
- 4.6. The Working Group discussed the application on Huvezym neXo (endo-1,4-beta-xylanase, endo-1,4-beta-glucanase and xyloglucan-specific-endo-beta-1,4-glucanase) for poultry and pigs (<u>EFSA-Q-2021-00308</u>) and identified issues that require clarification.
- 4.7. The Working Group discussed on the application on Hemicell® HT, Hemicell® HT-L (endo-1,4-beta-mannanase, EC 3.2.1.78) for chickens for fattening, chickens

<sup>7</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>8</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





reared for laying, turkeys for fattening, turkeys reared for breeding, pigs for fattening, weaned piglets, minor porcine species and minor avian species for fattening or reared for laying or breeding (<u>EFSA-Q-2021-00346</u>) and identified issues that require clarification.

- 4.8. The Working Group discussed on the application on Canthaxanthin for chickens for fattening, minor poultry species for fattening, laying poultry and poultry reared for laying, ornamental fish and ornamental birds except ornamental breeder hens, ornamental breeder hens (EFSA-Q-2021-00146) and decided that further discussion is needed.
- 4.9. The Working Group discussed on the application on CAROPHYLL Red 10% (Canthaxanthin) for breeder hens (<u>EFSA-Q-2021-00150</u>) and decided that further discussion is needed.
- 4.10. The Working Group discussed on the application on Coxidin® (monensin sodium) for chickens for fattening, chickens reared for laying, turkeys for fattening and turkeys for breeding purposes (<u>EFSA-Q-2016-00643</u>; <u>EFSA-Q-2020-00405</u>; <u>EFSA-Q-2020-00837</u>; <u>EFSA-Q-2021-00074</u>) and identified issues that require clarification.
- 4.11. The Working Group discussed on the application on Plexomin<sup>®</sup> Se 3000/Plexomin<sup>®</sup> Se 3000 micro (Selenised yeast *Saccharomyces cerevisiae* Y03-0 inactivated) for all animal species (<u>EFSA-Q-2021-00309</u>) and identified issues that require clarification.
- 4.12. Items not discussed: L-Valine produced by fermentation with *E. coli* CCTCC M2020321 for all animal species (<u>EFSA-Q-2021-00252</u>) and Probiotic Lactina (preparation of *Enterococcus faecium* NBIMCC 8270, *Lactobacillus acidophilus* NBIMCC 8242, *Lactobacillus helveticus* NBIMCC 8269, *Lactobacillus delbrueckii* ssp. *lactis* NBIMCC 8250, *Lactobacillus delbrueckii* ssp. *bulgaricus* NBIMCC 8244 and *Streptococcus thermophilus* NBIMCC 8253) for cats and dogs (<u>EFSA-Q-2020-00690</u>).

### **5. Any Other Business**

- 5.1. A general discussion took place on the testing methods for the assessment of the efficacy of microorganisms used as hygiene condition enhancers.
- 5.2. The participants discussed technical aspects of whole genome sequence-based analysis of (micro)organisms intentionally added to food and feed.

### Next meeting(s)

17 November





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

## MINUTES OF THE 51<sup>ST</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 6 October 2021** 

(Agreed on 6 October 2021)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Pier Sandro Cocconcelli<sup>1</sup>, Debora Glandorf, Lieve Herman, Miguel Prieto Maradona<sup>2</sup>, Maria Saarela<sup>3</sup> and Yolanda Sanz<sup>4</sup>.

Hearing Experts<sup>5</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati, Jordi Ortuño and Joana Revez.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

<sup>&</sup>lt;sup>1</sup> Attending only in the afternoon

<sup>&</sup>lt;sup>2</sup> Attending only in the afternoon

<sup>&</sup>lt;sup>3</sup> Attending only in the morning

<sup>&</sup>lt;sup>4</sup> Attending only in the morning

<sup>&</sup>lt;sup>5</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <a href="http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf">http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf</a>.





EFSA welcomed the participants.

#### 2. Adoption of agenda

The agenda was adopted with changes. Item agenda 4.12 was added.

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

In accordance with EFSA's Policy on Independence<sup>6</sup> and the Decision of the Executive Director on Competing Interest Management<sup>7,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group discussed the application on L-lysine monohydrochoride and L-lysine sulfate produced by *Corynebacterium glutamicum* CGMCC 14498 for all animal species (<u>EFSA-Q-2020-00636</u>) and finalised the relevant sections of the draft opinion.
- 4.2. The Working Group discussed the application on VTR-phytase liquid, VTR-phytase powder (6-phytase) for all avian species including ornamental, exotic and game birds (<u>EFSA-Q-2021-00417</u>) and identified issues that require clarification.
- 4.3. The Working Group discussed the application on L-isoleucine produced by fermentation using *Corynebacterium glutamicum* KCCM 80185 for all animal species (<u>EFSA-Q-2020-00007</u>) and finalised the relevant sections of the draft opinion.
- 4.4. The Working Group discussed the application on Hostazym X (endo-1,4-beta-xylanase) for chickens for fattening, chickens reared for laying, minor poultry species reared for laying, laying hens, turkeys for fattening, minor poultry species for fattening, minor poultry species for laying, pigs for fattening, piglets (weaned), carp, breeding hens, turkeys for breeding, turkeys reared for breeding, minor poultry species reared for breeding, minor poultry species for breeding, ornamental birds, suckling piglets and minor pig species for fattening (EFSA-Q-2021-00153) and identified issues that require clarification.
- 4.5. The Working Group discussed the application on Hostazym C (endo-1,4-beta-glucanase (E.C.3.2.1.4)) for chickens for fattening, minor poultry species for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species reared for breeding, minor poultry species reared for laying, ornamental birds, piglets (weaned) (EFSA-Q-2021-00157) and identified issues that require clarification.

6 http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

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<sup>&</sup>lt;sup>7</sup> <a href="http://www.efsa.europa.eu/sites/default/files/corporate">http://www.efsa.europa.eu/sites/default/files/corporate</a> <a href="publications/files/competing">publications/files/competing</a> <a href="interest">interest</a> <a href="mailto:management">management</a> <a href="mailto:17.pdf">17.pdf</a>





- 4.6. The Working Group discussed the application on RONOZYME® VP (CT) and RONOZYME® VP (L) (endo-1,3(4)-beta-glucanase (IUB No 3.2.1.6)) for weaned piglets and chickens for fattening (<u>EFSA-Q-2019-00528</u>) and identified issues that require clarification.
- 4.7. The Working Group continued the discussion on the application on IMP (disodium 5-inosinate) produced by fermentation with *Corynebacterium stationis* KCCM 8023 (EFSA-Q-2021-00084) and finalised the relevant sections of the draft opinion.
- 4.8. The Working Group discussed the application on Xygest<sup>™</sup> HT (endo-1,4-beta-xylanase EC 3.2.1.8) for poultry (<u>EFSA-Q-2021-00098</u>) and identified issues that require clarification.
- 4.9. The Working Group continued the discussion on the application on Cylactin®, Cernivet® (*Enterococcus faecium* NCIMB 10415) for chickens for fattening, chickens reared for laying, minor poultry species for fattening, minor poultry species reared for laying, chicken and minor poultry species reared for breeding, turkeys for fattening, turkeys reared for breeding, ornamental birds, calves for fattening, calves for rearing, kids for fattening, kids for rearing, lambs for fattening, lambs for rearing, minor or other ruminant species for rearing and fattening, sows, piglets (suckling), piglets (weaned), pigs for fattening, pigs for reproduction, minor pig species (suckling), minor pig species (weaned), minor pig species for rearing and fattening and minor pig species for reproduction (<a href="EFSA-Q-2020-00391"><u>EFSA-Q-2020-00391</u></a>) and decided that further discussion is needed.
- 4.10. The Working Group discussed the application on *Lactobacillus acidophilus* D2/CSL (CECT 4529) for all poultry species and categories and all ornamental birds (EFSA-Q-2020-00847) and finalised the relevant sections of the draft opinion.
- 4.11. The Working Group discussed the application on Amaferm (fermentation product of *Aspergillus oryzae* NRRL 458) for dairy cows (<u>EFSA-Q-2020-00574</u>) and decided that further discussion is needed.
- 4.12. The Working Group 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 and minor poultry species (<u>EFSA-Q-2020-00556</u>) and identified issues that require clarification.

#### **5. Any Other Business**

5.1. Feedback from the Plenary meeting: The Unit informed the WG about the opinions adopted in the last meeting.

### 6. Next meeting(s)

27 and 28 October





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

# MINUTES OF THE 50<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 8 September 2021** 

(Agreed on 8 September 2021)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Debora Glandorf, Pier Sandro Cocconcelli, Lieve Herman, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Martina Reitano, Joana Revez, Jordi Tarrés and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

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





The agenda was adopted with changes. Agenda item 4.6 was added.

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

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

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

- 4.1. The Working Group continued the discussion on the application on Monteban® G100 (Monteban® G100 containing granular narasin, equivalent to 100g narasin activity) for chickens for fattening (<u>EFSA-Q-2020-00557</u>) and identified issues that require clarification.
- 4.2. The Working Group continued the discussion on the application on Maxiban G160 (narasin and nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00739</u>) and identified issues that require clarification.
- 4.3. The Working Group discussed the application on L-valine produced by fermentation with *E. coli* CCTCC M2020321 for all animal species (<u>EFSA-Q-2021-00252</u>) and decided that further discussion is needed.
- 4.4. The Working Group discussed the application on L-methionine (min. 98.5%) and L-methionine (min. 90%) produced by fermentation with *Corynebacterium glutamicum* KCCM 80245 and *Escherichia coli* KCCM 80246 for all animal species (<a href="https://example.com/effsa-q-2021-00154"><u>EFSA-Q-2021-00154</u></a>) and identified issues that require clarification.
- 4.5. The Working Group continued the discussion on the application on L-glutamic acid and its sodium salt (monosodium glutamate monohydrate) produced using strain NITE BP-01681 for all animal species (<u>EFSA-Q-2020-00502</u>) and finalised the relevant sections of the draft opinion.
- 4.6. The Working Group continued the discussion on the application on MSG (monosodium L-glutamate) produced by fermentation with *Corynebacterium glutamicum* KCCM 80187 for all animal species (<u>EFSA-Q-2020-00155</u>) and finalised the relevant sections of the draft opinion.
- 4.7. The Working Group discussed the application on the preparation of 3-phytase produced by *Komagataella phaffii* (CECT 13171) presented in solid (FSF10000) and liquid (FLF1000) forms for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor poultry species, pigs

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

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<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





for fattening and minor porcine species for fattening (<u>EFSA-Q-2020-00161</u>) and identified issues that require clarification.

- 4.8. The Working Group continued the discussion on the application on Amaferm (fermentation product of *Aspergillus oryzae* NRRL 458) for dairy cows (EFSA-Q-2020-00574) and decided that further discussion is needed.
- 4.9. Items not discussed: IMP (disodium 5-inosinate) produced by fermentation with Corynebacterium stationis KCCM 8023 (EFSA-Q-2021-00084), Cylactin®, Cernivet® (Enterococcus faecium NCIMB 10415) for poultry ruminants and pigs (EFSA-Q-2020-00391), Lactobacillus acidophilus D2/CSL (CECT 4529) for all poultry species and categories and all ornamental birds (EFSA-Q-2020-00847), RONOZYME® VP (CT) and RONOZYME® VP (L) (endo-1,3(4)-beta-glucanase (IUB No 3.2.1.6)) for weaned piglets and chickens for fattening (EFSA-Q-2019-00528) and Xygest™ HT (endo-1,4-beta-xylanase EC 3.2.1.8) for poultry (EFSA-Q-2021-00098).

#### 5. Any Other Business

Not applicable

#### Next meeting(s)

6 October 2021





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

## MINUTES OF THE 49<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 25 August 2021

(Agreed on 30 August 2021 by written procedure)

#### **Participants**

- Working Group Members:
   Pier Sandro Cocconcelli, Lieve Herman and Baltasar Mayo (Chair of the Working Group)
- Hearing Experts<sup>1</sup>:
   Hanspeter Naegeli, Carmen Peláez and Anneli Widenfalk
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

FEED Unit: Rosella Brozzi, Joana Revez and Elisa Pettenati

FIP Unit: Jaime Aguilera GMO Unit: Silvia Federici

PREV Unit: Varvara Gouliarmou and Christopher Lythgo

DATA Unit: Giovanni Iacono

BIOCONTAM Unit: Beatriz Guerra

Others:

Not Applicable

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





#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

4.1. The participants discussed technical aspects of whole genome sequence analysis of microorganisms intentionally added to food and feed and decided that further discussion is needed.

#### 5. Any Other Business

Not Applicable.

#### Next meeting(s)

8 September 2021

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<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 48<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 30 June 2021

(Agreed on 7 July 2021 by written procedure)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Debora Glandorf<sup>1</sup>, Pier Sandro Cocconcelli, Lieve Herman, Miguel Prieto Maradona, Maria Saarela<sup>1</sup> and Yolanda Sanz.

Hearing Experts<sup>2</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Jordi Ortuño, Elisa Pettenati and Joana Revez.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

<sup>&</sup>lt;sup>1</sup> Attending only in the morning

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





No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes. Agenda points 4.10, 4.11 and 4.12 were added.

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

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 Working Group continued the discussion on the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 (MixBalac) for all animal species (EFSA-Q-2020-00202) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group continued the discussion on the application on BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned), other minor growing and reproductive porcine species, turkeys for breeding and other minor poultry species (<u>EFSA-Q-2019-00736</u>) and identified issues that require clarification.
- **4.3.** The Working Group discussed the application on OptiPhos (6-phytase) for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, other avian species other than turkeys for fattening and turkeys reared for breeding, pigs for fattening, sows, piglets (weaned), breeding hens, ornamental birds, turkeys for breeding purposes, minor pig species for fattening or breeding and piglets (suckling) (EFSA-Q-2021-00152) and identified issues that require clarification.
- **4.4.** The Working Group continued the discussion on the application on ZENzyme<sup>®</sup> (zearalenone hydrolase) for all terrestrial animal species (<u>EFSA-Q-2020-00008</u>) and identified issues that require clarification.
- **4.5.** The Working Group continued the discussion on the application Sacox® (salinomycin sodium) for rabbits for fattening (<u>EFSA-Q-2020-00282</u>) and identified issues that require clarification.

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf

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- **4.6.** The Working Group discussed the application on canthaxanthin for chickens for fattening, minor poultry species for fattening, laying poultry and poultry reared for laying, ornamental fish and ornamental birds except ornamental breeder hens, ornamental breeder hens (<u>EFSA-Q-2021-00149</u>) and identified issues that require clarification.
- **4.7.** The Working Group discussed the application on CAROPHYLL Red 10% (canthaxanthin) for breeder hens (<u>EFSA-Q-2021-00150</u>) and identified issues that require clarification.
- **4.8.** The Working Group discussed the application on Beltherm for laying hens (<u>EFSA-Q-2020-00004</u>) and finalised the relevant sections of the draft opinion.
- **4.9.** The Working Group discussed the application on IMP (disodium 5-inosinate) produced by fermentation with *Corynebacterium stationis* KCCM 8023 (<u>EFSA-Q-2021-00084</u>) and identified issues that require.
- **4.10.** The Working Group discussed the application on Xylamax (endo-1,4-beta-xylanase (EC 3.2.1.8) produced by *Komagaetella phaffii* xyl-2 (DSM 33574)) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and all minor avian species (EFSA-Q-2021-00254) and identified issues that require clarification and decided that further discussion is needed.
- **4.11.** The Working Group discussed the application on MSG (monosodium L-glutamate) produced by fermentation with *Corynebacterium glutamicum* KCCM 80187 for all animal species (<u>EFSA-Q-2020-00155</u>) and identified issues that require clarification and decided that further discussion is needed.
- **4.12.** The Working Group discussed the application on 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) and finalised the relevant sections of the draft opinion.
- **4.13.** Items not discussed: *Pediococcus acidilactici* CNCM I-4622 for all animal species (EFSA-Q-2020-00839) and preparation of 3-phytase produced by *Komagataella phaffii* (CECT 13171) presented in solid (FSF10000) and liquid (FLF1000) forms for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, minor poultry species, pigs for fattening and minor porcine species for fattening (EFSA-Q-2020-00161).

### **5. Any Other Business**

None

### Next meeting(s)

25 August 2021





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

MINUTES OF THE 47<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 09 June 2021

(Agreed on 22 June 2021)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Henrik Christensen, Debora Glandorf, Pier Sandro Cocconcelli, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Orsolya Holczknecht, Elisa Pettenati, Joana Revez, Jordi Tarrés and Maria Vittoria Vettori.

Others:

Not Applicable

### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from Henrik Christensen.

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





The agenda was adopted without changes.

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

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

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

- **4.1.** The Working Group continued the discussion on the application on lactic acid for all animal species (<u>EFSA-Q-2020-00281</u>) and identified issues that require clarification.
- **4.2.** The Working Group continued the discussion on the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and Lactococcus lactis CNCM I-4609 (MixBaLac) for all animal species (EFSA-Q-2020-00202) and decided that further discussion is needed.
- **4.3.** The Working Group discussed the application on L-Histidine monohydrochloride monohydrate produced by fermentation with *E. coli* NITE SD 00329 for all animal species (<u>EFSA-Q-2020-00201</u>) and identified issues that require clarification.
- **4.4.** The Working Group discussed the application on Natupulse® TS/Natupulse® TS L (endo-1,4-beta-D-mannanase) for chickens for fattening, turkeys for fattening, minor growing poultry species, other poultry for fattening (e.g. ducks, geese, pheasants, quail, guinea fowl, ostrich), ornamental birds (EFSA-Q-2021-00075) and identified issues that require clarification.
- **4.5.** The Working Group discussed the applications on Coxidin (monensin sodium) for chickens for fattening and turkeys (EFSA-Q-2016-00643), Coxidin (monensin sodium (carrier perlite, calcium carbonate)) for chickens for fattening, chickens reared for laying, turkeys for fattening and turkeys reared for breeding (EFSA-Q-2020-00405), Coxidin (monensin sodium (carrier perlite, calcium carbonate)) for chickens for fattening, chickens reared for laying, turkeys for fattening and turkeys reared for breeding (EFSA-Q-2020-00837) and Coxidin (monensin sodium (carrier perlite, calcium carbonate)) for chickens for fattening, chickens reared for laying, turkeys for fattening and turkeys reared for breeding (EFSA-Q-2021-00074) and identified issues that require clarification.
- **4.6.** The Working Group continued the discussion on the application on Monteban® G100 (Monteban® G100 containing granular narasin, equivalent to 100g narasin

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





activity) for chickens for fattening (<u>EFSA-Q-2020-00557</u>) and finalised the relevant sections of the draft opinion.

**4.7.** Items not discussed: MSG (monosodium L-glutamate) produced by fermentation with *Corynebacterium glutamicum* KCCM 80187 for all animal species (<u>EFSA-Q-2020-00155</u>) and OptiPhos (6-phytase) for chickens for fattening, chickens reared for laying, laying hens, turkeys for fattening, turkeys reared for breeding, other avian species other than turkeys for fattening and turkeys reared for breeding, pigs for fattening, sows, piglets (weaned), breeding hens, ornamental birds, turkeys for breeding purposes, minor pig species for fattening or breeding and piglets (suckling) (<u>EFSA-Q-2021-00152</u>).

#### **5. Any Other Business**

Not applicable

#### 6. Next meeting(s)

30 June 2021





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

### MINUTES OF THE 46th MEETING OF THE WORKING GROUP ON **MICROBIOLOGY**

TELE-conference, 19 and 22 April 2021

(Agreed on 22 April 2021)

#### **Participants**

Working Group Members:

Baltasar Mayo (Chair of the Working Group), Debora Glandorf, Henrik Christensen, Pier Sandro Cocconcelli<sup>1</sup>, Lieve Herman, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>2</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Jordi Ortuño, Elisa Pettenati and Joana Revez.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

<sup>&</sup>lt;sup>1</sup> Only on 22 April

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





The Chair welcomed the participants. Apologies were received from Pier Sandro Cocconcelli on 19 April.

#### 2. Adoption of agenda

The agenda was adopted with changes. The agenda points 4.8-4.12 were added.

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

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 Working Group discussed the application on L-lysine sulphate produced by *C. glutamicum* KCCM 80227 (DK257RN) for all animal species (<u>EFSA-Q-2020-00708</u>) and finalised the relevant sections of the draft opinion.
- **4.2.**The Working Group discussed the application on L-lysine sulphate produced by *E. coli* CGMCC 7.398 for all animal species (<u>EFSA-Q-2021-00086</u>) and identified issues that require clarification.
- **4.3.**The Working Group discussed the application on Axtra® PHY GOLD 30 L, Axtra® PHY GOLD 30 T, Axtra® PHY GOLD 65 G (6- phytase) for all pigs, all poultry species (<u>EFSA-Q-2020-00767</u>) and identified issues that require clarification.
- **4.4.**The Working Group discussed the application on vitamin B2 produced by *Bacillus subtilis* CGMCC 13326 for all animal species (<u>EFSA-Q-2020-00637</u>) and identified issues that require clarification.
- **4.5.**The Working Group discussed the application on alpha-amylase from *Bacillus amyloliquefaciens* DSM 9553, *Bacillus amyloliquefaciens* NCIMB 30251, *Aspergillus oryzae* CBS 585.94 and *Aspergillus oryzae* ATTC SD-5374, endo-1,4-beta-glucanase from *Trichoderma reesei* ATCC PTA-10001, *Trichoderma reesei* ATCC SD-6331 and *Aspergillus niger* CBS 120604, endo-1,4-beta-xylanase from *Trichoderma koningii* MUCL 39203 and *Trichoderma longibrachiatum* CBS 614.94 and endo-1,3(4)-beta-glucanase from *Aspergillus tubingensis* MUCL 39199 for all animal species (EFSA-Q-2020-00836) and identified issues that require clarification.
- **4.6.**The Working Group continued the discussion on the application on lactic acid for all animal species (<u>EFSA-Q-2020-00281</u>) and decided that further discussion is needed.
- **4.7.**The Working Group continued the discussion on the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607

3 http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





- and *Lactococcus lactis* CNCM I-4609 (MixBalac) for all animal species (<u>EFSA-Q-2020-00202</u>) and decided that further discussion is needed.
- **4.8.**The Working Group discussed the application on vitamin B2 (riboflavin) for all animal species (EFSA-Q-2020-00160) and finalised the relevant sections of the draft opinion.
- **4.9.**The Working Group discussed the application on *Pediococcus pentosaceus* IMI 507024 for all animal species (<u>EFSA-Q-2020-00693</u>) and finalised the relevant sections of the draft opinion.
- **4.10.** The Working Group discussed the application on *Lactobacillus plantarum* IMI 507028 for all animal species (<u>EFSA-Q-2020-00697</u>) and finalised the relevant sections of the draft opinion.
- **4.11.** The Working Group discussed the application on *Lactobacillus acidophilus* D2/CSL (CECT 4529) for all poultry species and categories and all ornamental birds (<u>EFSA-Q-2020-00847</u>) and identified issues that require clarification.
- **4.12.** The Working Group continued the discussion on the application on Sacox® (salinomycin sodium) for rabbits for fattening (<u>EFSA-Q-2020-00282</u>) and identified issues that require clarification.

#### 5. Any Other Business

Not applicable.

#### Next meeting(s)

9 June 2021.





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

# MINUTES OF THE 45<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 11 March 2021

(Agreed on 11 March 2021)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman<sup>1</sup>, Baltasar Mayo, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>2</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Davide Guerra, Elisa Pettenati, Joana Revez and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

<sup>&</sup>lt;sup>1</sup> Only for agenda point 4.6

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





The agenda was adopted with no changes.

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

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 Working Group discussed the application on BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned), other minor growing and reproductive porcine species, turkeys for breeding and other minor poultry species (EFSA-Q-2019-00736) and identified issues that require clarification.
- **4.2.**The Working Group discussed the application on Ecobiol® (*Bacillus amyloliquefaciens* CECT 5940) as a feed additive for turkeys for fattening, turkeys reared for breeding, minor poultry species for fattening and reared for laying and ornamental birds (except for reproduction) (EFSA-Q-2020-00452) and finalised the relevant sections of the draft opinion.
- **4.3.**The Working Group continued the discussion on the application on Amaferm (fermentation product of *Aspergillus oryzae* NRRL 458) for dairy cows (EFSA-Q-2020-00574) and identified issues that require clarification.
- **4.4.**The Working Group continued the discussion on the application on Sacox<sup>®</sup> (Salinomycin sodium) for rabbits for fattening (EFSA-Q-2020-00282) and decided that further discussion is needed.
- **4.5.**The Working Group discussed the application on L-lysine monohydrochoride and L-lysine sulfate produced by *Corynebacterium glutamicum* CGMCC 14498 as feed additive for all animal species (EFSA-Q-2020-00636) and identified issues that require clarification.
- **4.6.**The Working Group discussed the application on L-glutamic acid produced using strain *Corynebacterium glutamicum* NITE BP-01681, and its sodium salt (hydrate form) monosodium glutamate monohydrate for all animal species (EFSA-Q-2020-00502) and identified issues that require clarification.
- **4.7.**Items not discussed: L-lysine sulphate produced by *Corynebacterium glutamicum* KCCM 80227 (DK257RN) for all animal species (EFSA-Q-2020-00708).

#### 5. Any Other Business

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<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





Not Applicable

## 6. Next meeting

19 and 22 April 2021.





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

# MINUTES OF THE 44<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 17 February 2021

(Agreed on 17 February 2021)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati and Joana Revez.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

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





The agenda was adopted with changes. The agenda point 4.8 was added.

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

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

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

- **4.1.**The Working Group continued the discussion on 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 and minor poultry species (EFSA-Q-2020-00556) and finalised the relevant sections of the draft opinion.
- **4.2.**The Working Group continued the discussion on the application on L-lysine monohydrochloride and L-lysine sulphate from *Corynebacterium glutamicum* CCTCC M 2015595 for all animal species (EFSA-O-2020-00265) and finalised the relevant sections of the draft opinion.
- **4.3.**The Working Group continued the discussion on the application on red carotenoid rich *Paracoccus carotinifaciens* (Panaferd-AX) for salmon and trout (EFSA-Q-2017-00694) and identified issues that require clarification.
- **4.4.**The Working Group continued the discussion on the application on Aviax<sup>®</sup> 5% (Semduramicin sodium) for chickens for fattening (EFSA-Q-2019-00813) and finalised the relevant sections of the draft opinion.
- **4.5.**The Working Group discussed the application on *Lactobacillus plantarum* DSM 12836 for all animal species (EFSA-Q-2020-00614) and decided that further discussion is needed.
- **4.6.**The Working Group discussed the application on L-histidine monohydrochloride monohydrate produced using *Escherichia coli* NITE SD 00268 as feed additive for all animal species (EFSA-Q-2020-00604) and identified issues that require clarification.
- **4.7.**The Working Group discussed the application on Avemix 02 CSL (endo-1,4-β-xylanase produced by *Trichoderma reesei* MUCL 49755, endo-1,3(4)-β-glucanase produced by *T. reesei* MUCL 49754 and polygalacturonase produced by *Aspergillus aculeatus* CBS 589.94) for weaned piglets for (EFSA-Q-2020-00635) and identified issues that require clarification.
- **4.8.** The Working Group discussed the application on Beltherm MP/ML (endo-1,4-beta-xylanase) for laying hens (EFSA-Q-2020-00004) and identified issues that require clarification.
- **4.9.**Items not discussed: BioPlus® 2B (*Bacillus licheniformis* DSM 5749 and *Bacillus subtilis* DSM 5750) for calves for fattening, other growing ruminants, piglets (suckling and weaned),

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/fi<u>les/corporate\_publications/files/competing\_interest\_management\_17.pdf</u>





other minor growing and reproductive porcine species, turkeys for breeding and other minor poultry species (EFSA-Q-2019-00736).

## **5. Any Other Business**

Not Applicable

### 6. Next meeting

11 March 2021.





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

# MINUTES OF THE 43<sup>rd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 20 January 2021

(Agreed on 20 January 2021)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Christina Cuomo, Debora Glandorf, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>2</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Lucilla Gregoretti and Elisa Pettenati.

FIP Unit: Jaime Aguilera.3

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

<sup>&</sup>lt;sup>1</sup> Attended only for agenda point 4.1

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

<sup>&</sup>lt;sup>3</sup> Attended only for agenda point 4.8





The agenda was adopted with changes. The agenda points 4.7 and 4.8 were added.

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

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process.

Certain interests were declared orally by the members before the beginning of the meeting. For further details on the outcome of the screening of the Oral Declaration of Interest made at the beginning of the meeting, please refer to the Annex I.

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

- **4.1.**The Working Group continued the discussion on the application on Amaferm (fermentation product of *Aspergillus oryzae* NRRL 458) for dairy cows (EFSA-Q-2020-00574) and decided to inform the applicant on issues that require clarification.
- **4.2.**The Working Group continued the discussion on the application on L-lysine monohydrochloride/concentrated liquid L-lysine produced by fermentation with *Corynebacterium glutamicum* KCCM80183 for all animal species (EFSA-Q-2019-00411) and finalised the relevant sections of the draft opinion.
- **4.3.**The Working Group discussed the application on BA-KING® (*Bacillus amyloliquefaciens* NITE BP-01844) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and minor poultry species (EFSA-Q-2020-00496) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working Group discussed the application on AQ02 (*Lactobacillus plantarum* CECT 8350 and *Lactobacillus reuteri* CECT 8700) for suckling piglets (EFSA-Q-2019-00487) and decided that further discussion is needed.
- **4.5.**The Working Group discussed the application on MSG (monosodium L-glutamate) produced by fermentation with *Corynebacterium glutamicum* KCCM 80187 for all animal species (EFSA-Q-2020-00155) and finalised the relevant sections of the draft opinion.
- **4.6.**The Working Group continued the discussion on the application 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 relevant sections of the draft opinion.
- **4.7.**The Working Group continued the discussion on the application 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 and minor poultry species EFSA-Q-2020-00556) and finalised the relevant sections of the draft opinion

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>5</sup> http://www.efsa.europa.eu/sites/default/fi<u>les/corporate\_publications/files/competing\_interest\_management\_17.pdf</u>





- **4.8.**The Working Group discussed the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (EFSA-Q-2019-00434) and revised some sections of the draft document.
- **4.9.**Items not discussed: *Lactobacillus plantarum* DSM 12836 for all animal species (EFSA-Q-2020-00614).

## **5. Any Other Business**

Not Applicable

#### 6. Next meeting

17 February 2021.





#### **Annex I**

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

With regard to this meeting, Prof. Miguel Prieto Maradona declared a past ad-hoc consultancy activity with AQUILON CYL S.L. (EFSA-Q-2019-00487). Such activity overlapped with the mandate of this Working Group. In accordance with EFSA's Policy on Independence<sup>6</sup> and the Decision of the Executive Director on Competing Interest Management<sup>7</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was deemed to represent a Conflict of Interest (CoI). This results in the exclusion of the expert from any discussion, voting or other processing of item 4.4 by the concerned scientific group.

 $^{6}\ \underline{\text{http://www.efsa.europa.eu/sites/default/files/corporate}\ \underline{\text{publications/files/policy}}\ \underline{\text{independence.pdf}}$ 

<sup>&</sup>lt;sup>7</sup> 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 42<sup>nd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 8 December 2020**

(Agreed on 8 December 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla and Elisa Pettenati.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

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





The agenda was adopted without changes.

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

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

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

- **4.1.**The Working Group continued the discussion on the application on L-valine for all animal species (<u>EFSA-Q-2020-00375</u>) and finalised the relevant sections of the draft opinion.
- **4.2.**The Working Group continued the discussion on the application Enviva® PRO 202 GT (*Bacillus amyloliquefaciens* PTA-6507, *Bacillus amyloliquefaciens* NRRL B-50013 and *Bacillus amyloliquefaciens* NRRL B-50104) for turkeys for fattening (<u>EFSA-Q-2019-00457</u>) and decided to inform the applicant on issues that require clarification.
- **4.3.**The Working Group continued the discussion on the application Bonvital (*Enterococcus faecium* DSM 7134) for chickens for fattening (<u>EFSA-Q-2019-00741</u>) and finalised the relevant sections of the draft opinion.
- **4.4.**The Working Group 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 and minor poultry species (EFSA-Q-2020-00556) and decided that further discussion is needed.
- **4.5.**The Working Group discussed the application 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 (<u>EFSA-Q-2020-00620</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.**The Working Group continued the discussion on the application Vitamin B2 (Riboflavin produced by *Eremothecium ashbyii* CCTCCM 2019833) (<u>EFSA-Q-2020-00323</u>) and finalised the relevant sections of the draft opinion.

### **5. Any Other Business**

Not Applicable

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<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





## 6. Next meeting

20 January 2021.





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

# MINUTES OF THE 41<sup>st</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 24 November 2020**

(Agreed on 24 November 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Jaume Galobart, Yolanda García Cazorla, Elisa Pettenati and Joana Revez.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

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





The agenda was adopted without changes. Agenda item 4.5. was added.

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

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

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

- **4.1.** The Working Group continued the discussion on the application Bafasal® (preparation four of bacteriophages infecting *Salmonella enterica* ser. Gallinarum 1) for all avian species (<u>EFSA-Q-2017-00724</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group continued the discussion on the application *Lactobacillus* animalis ATCC PTA-6750 for all animal species (<u>EFSA-Q-2016-00713</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group discussed the application on L-tryptophan produced by *E. coli* KCCM 80210 (W008) for all animal species (<u>EFSA-Q-2020-00499</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working Group discussed the application on ECONASE® XT (endo-1,4-beta-xylanase produced by *Trichoderma reesei* CBS 114044) for piglets (weaned), chickens for fattening, chickens reared for laying, turkeys for fattening and turkey reared for breedings (<u>EFSA-Q-2020-00653</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>) and finalised the relevant sections of the draft document.

#### **5. Any Other Business**

The Working Group (WG) discussed some general issues:

- A general discussion took place on the proposed text establishing the criteria for the assessment of the efficacy of microorganisms used as hygiene condition enhancers.
- Feedback from November Plenary meeting: The Unit informed the WG about the opinions adopted.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





## 6. Next meeting

8 December 2020.





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

# MINUTES OF THE 40<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 5 November 2020**

(Agreed on 5 November 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Angelica Amaduzzi, Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Gloria López Gálvez, Elisa Pettenati and Joana Revez.

Others:

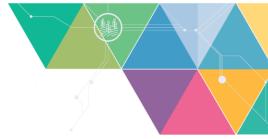
Not Applicable

### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

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





The agenda was adopted without changes.

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

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

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

- **4.1.** The Working Group continued the discussion on the application *Lactobacillus* plantarum DSM 26571 for all animal species (<u>EFSA-Q-2020-00279</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group continued the discussion on the application L-lysine monohydrochloride and L-lysine sulphate from *Corynebacterium glutamicum* CCTCC M 2015595 for all animal species (<u>EFSA-Q-2020-00265</u>) and decided to inform the applicant on issues that require clarification.
- **4.3.** The Working Group continued the discussion on the application RONOZYME<sup>®</sup> ProAct (serine protease EC 3.4.21. produced by *Bacillus licheniformis* DSM 19670) for chickens for fattening (<u>EFSA-Q-2019-00156</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working group continued the discussion on the application GMP (disodium 5'-guanylate) produced by fermentation with *Corynebacterium ammoniagenes* KCCM 10530 and *Escherichia coli* K12 KFCC 11067 for all animal species (<u>EFSA-Q-2020-00267</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working group continued the discussion on the application Balancius (muramidase) for piglets (weaned) (<u>EFSA-Q-2020-00199</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** The Working Group continued the discussion on the application vitamin B2 (riboflavin produced by *Eremothecium ashbyii* CCTCCM 2019833) (<u>EFSA-Q-2020-00323</u>) and decided that further discussion is needed.
- **4.7.** The Working Group discussed the application on Amaferm (fermentation product of *Aspergillus oryzae* NRRL 458) for dairy cows (<u>EFSA-Q-2020-00574</u>) and decided that further discussion is needed.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

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http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





**4.8.** The Working Group discussed the application on selenised yeast *Saccharomyces cerevisiae* CNCM I-3060, inactivated (SEL-PLEX) for all animal species (<u>EFSA-Q-2020-00495</u>) and decided to inform the applicant on issues that require clarification.

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

24 November 2020.





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

## MINUTES OF THE 39<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 20 and 21 October 2020

(Agreed on 21 October 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Debora Glandorf<sup>1</sup>, Lieve Herman<sup>1</sup>, Secundino López Puente<sup>2</sup>, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>3</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Jaume Galobart, Yolanda García Cazorla, Lucilla Gregoretti, Orsolya Holcznecht, Matteo Innocenti, Elisa Pettenati, Joana Revez, and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

<sup>&</sup>lt;sup>1</sup> Attended only the first day of the meeting (20 October)

<sup>&</sup>lt;sup>2</sup> Attended only the second day of the meeting (21 October)

<sup>&</sup>lt;sup>3</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <a href="http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf">http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf</a>.





#### 2. Adoption of agenda

The agenda was adopted with changes. The agenda point 4.9 was added.

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

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- **4.1.** The Working Group continued the discussion on the application NILABLEND 200G (lasalocid A sodium nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00591</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group 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 (<u>EFSA-Q-2019-00525</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group continued the discussion on the application vitamin B2 (riboflavin) for all animal species (<u>EFSA-Q-2016-00505</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working group continued the discussion on the application L-threonine for all animal species (<u>EFSA-Q-2020-00273</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working group continued the discussion on the application L-lysine monohydrochloride and concentrated liquid L-lysine (base) produced by fermentation with *Corynebacterium glutamicum* KCTC 12307BP (C123) for all animal species (<u>EFSA-Q-2020-00326</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** The Working Group continued the discussion on the application L-lysine monohydrochloride; Concentrated liquid L-lysine (base)for all animal species (<u>EFSA-Q-2020-00134</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The Working Group discussed the application on Sacox® (salinomycin sodium) for rabbits for fattening (<u>EFSA-Q-2020-00282</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.** The Working Group continued the discussion on EFSA statement on the requirements for whole genome sequence analysis of microorganisms intentionally

4 http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>5</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





used in the food chain (<u>EFSA-Q-2019-00434</u>) and decided that further discussion is required.

- **4.9.** The Working Group continued the discussion on the application FINASE® EC (6-phytase) for pigs other than sows, sows, poultry for fattening and breeding other than turkeys for fattening, poultry for laying and turkeys (<u>EFSA-Q-2019-00333</u>) and finalised the relevant sections of the draft opinion.
- **4.10.** Item not discussed: Bafasal® (preparation four of bacteriophages infecting Salmonella enterica ser. Gallinarum 1) for all avian species (<u>EFSA-Q-2017-00724</u>).

#### 5. Any Other Business

The Working Group (WG) discussed some general issues:

- The safety assessment of fermentation products used in the manufacturing process of feed additives is done on a case by case basis but a minimum set of information would be needed: origin, existing EU authorisation(s) and amount/volume used in the manufacturing process of the feed additive.
- The use of Kramer2 for the identification of microbial strains subject of an assessment is considered not appropriate. Identification should be achieved using e.g. phylogenomics, average nucleotide identity (ANI) as foreseen in the guidance.
- The methodology used to detect the potential presence of viable cells of the production strain in the final additive should enable the exclusion of their presence in any form (i.e. vegetative and sporulated). Therefore, germinating procedures to break the dormant stage of spores should be applied for all the microorganisms, fungi included, as appropriate.
- A general discussion took place on the assessment of efficacy of microorganisms used as hygiene condition enhancers.

#### 6. Next meeting

5 November 2020.





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

## MINUTES OF THE 38<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 28 September 2020

(Agreed on 28 September 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati, Joana Revez, Konstantinos Sofianidis and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

- **4.1.** The Working Group continued the discussion on the application 25-hydroxycholecalciferol for pigs and poultry (<u>EFSA-Q-2019-00104</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group continued the discussion on the application NILABLEND 200G (Lasalocid A sodium Nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00591</u>) and decided that further discussion is needed.
- **4.3.** The Working Group continued the discussion on the application vitamin B2 (riboflavin) for all animal species (<u>EFSA-Q-2020-00160</u>) and decided to inform the applicant on issues that require clarification.
- **4.4.** The Working group continued the discussion on the application *Clostridium butyricum* FERM BP-2789 for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species (excluding laying birds), piglets (suckling and weaned piglets), minor porcine species (<u>EFSA-Q-2019-00802</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working group continued the discussion on the application Bonvital (*Enterococcus faecium* DSM 7134) for chickens for fattening (<u>EFSA-Q-2019-00741</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.** The Working Group continued the discussion on the application on the preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 (MixBaLac) for all animal species (<u>EFSA-Q-2020-00202</u>) and decided that further discussion is required.
- **4.7.** The Working Group discussed the application on *Lactobacillus plantarum* DSM 26571 for all animal species (<u>EFSA-Q-2020-00279</u>) and decided that further discussion is required.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

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http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





**4.8.** Items not discussed: L-lysine monohydrochloride; concentrated liquid L-lysine (base) for all animal species (<u>EFSA-Q-2020-00134</u>).

#### 5. Any Other Business

The WG discussed on the need for data regarding the full characterisation of fermentation products used in the manufacturing of feed additives. The issue will be brought to the attention of the Panel in a future plenary meeting.

#### 6. Next meeting

20 October 2020.





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

## MINUTES OF THE 37<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 14 September 2020**

(Agreed 14 September 2020)

#### **Participants**

Working Group Members:

Philip Ashton, Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Carmen Peláez.

■ European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati and Joana

Revez.

FIP Unit: Jaime Aguilera. NUTRI Unit: Reinhard Ackerl.

DATA Unit: Giovanni Iacono.

Others:

Not Applicable

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





#### 1. Welcome and apologies for absence

EFSA welcomed the participant.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

**4.1.**The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

28 September 2020

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<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 36<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 28 August 2020

(Agreed on 14 September 2020 by written procedure)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Lucilla Gregoretti, Elisa Pettenati, Joana Revez and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received form Yolanda Sanz.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence and the Decision of the Executive Director on Competing Interest Management, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process.

Certain interests were declared orally by the members before the beginning of the meeting. For further details on the outcome of the screening of the Oral Declaration(s) of Interest made at the beginning of the meeting, please refer to the Annex.

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

- **4.1.** The Working Group continued the discussion on the application FINASE® EC (6-phytase) for pigs other than sows, sows, poultry for fattening and breeding other than turkeys for fattening, poultry for laying and turkeys (<u>EFSA-Q-2019-00333</u>) and decided to inform the applicant on issues that require clarification.
- **4.2.** The Working Group continued the discussion on the application NILABLEND 200G (Lasalocid A sodium Nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00591</u>) and decided that further discussion is required.
- **4.3.** The Working Group continued the discussion on the application on Aviax® 5% (Semduramicin sodium) for chickens for fattening (<u>EFSA-Q-2019-00813</u>) and decided to inform the applicant on issues that require clarification.
- **4.4.** The Working group continued the discussion on the application on RONOZYME® ProAct (serine protease EC 3.4.21.- produced by *Bacillus licheniformis* DSM 19670) for chickens for fattening (<u>EFSA-Q-2019-00156</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working group discussed the application on *Lactobacillus animalis* ATCC PTA-6750 for all animal species (<u>EFSA-Q-2016-00713</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.** The Working Group discussed the application on *Propionibacterium* freudenreichii ssp. shermanii ATCC PTA- 6752 for all animal species (<u>EFSA-Q-2017-00613</u>) and decided that further discussion is required.
- **4.7.** The Working Group discussed the application on L-threonine for all animal species (<u>EFSA-Q-2020-00273</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.** The Working Group discussed the application on L-valine for all animal species (<u>EFSA-Q-2019-00788</u>) and finalised the relevant sections of the draft opinion.





- **4.9.** The Working Group discussed the application on L-valine for all animal species (<u>EFSA-Q-2020-00375</u>) and decided to inform the applicant on issues that require clarification.
- **4.10.** The Working Group discussed the application on Cylactin<sup>®</sup>, Cernivet<sup>®</sup> (*Enterococcus faecium* NCIMB 10415) for poultry ruminants and pigs (<u>EFSA-Q-2020-00391</u>) and decided to inform the applicant on issues that require clarification.
- **4.11.** The Working Group discussed the application on GMP (disodium 5'-guanylate) produced by fermentation with *Corynebacterium ammoniagenes* KCCM 10530 and *Escherichia coli* K12 KFCC 11067 for all animal species (<u>EFSA-Q-2020-00267</u>) and decided to inform the applicant on issues that require clarification.
- **4.12.** The Working Group discussed the application on L-lysine monohydrochloride and concentrated liquid L-lysine (base) produced by fermentation with *Corynebacterium glutamicum* KCTC 12307BP (C123) for all animal species (<u>EFSA-Q-2020-00326</u>) and decided to inform the applicant on issues that require clarification.

#### 5. Any Other Business

N.A.

#### 6. Next meeting

14 September 2020.





#### **Annex**

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

With regard to this meeting, Dr Baltasar Mayo declared a research activity on the typing of lactic acid bacteria strains of potential interest as industrial starters for Chr. Hansen A/S. Such activity represents less than 10% of the research budget that the expert is managing and that is related to the mandate of the WG. In accordance with EFSA's Policy on Independence<sup>2</sup> and the Decision of the Executive Director on Competing Interest Management<sup>3</sup>, and taking into account the specific matters discussed at the meeting in question, the interest above was not deemed to represent a Conflict of Interest for the expert concerned.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/policy independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





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

## MINUTES OF THE 35<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 29 June 2020

(Agreed 29 June 2020)

#### **Participants**

- Working Group Members:Philip Ashton, Christina Cuomo and Baltasar Mayo.
- Hearing Experts<sup>1</sup>: John Louis Edward
- 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 participant.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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





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

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

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

**4.1.**The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

28 August 2020

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 34<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 26 June 2020

(Agreed on 26 June 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati 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

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





The agenda was adopted with changes. The agenda point 4.9 was added.

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

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

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

- **4.1.** The Working Group continued the discussion on the application Calsporin® (*Bacillus subtilis* C-3102, DSM 15544) for piglets (weaned) (<u>EFSA-Q-2019-00370</u>) and decided to inform the applicant on issues that require clarification.
- **4.2.** The Working Group 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 (<u>EFSA-Q-2019-00525</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group continued the discussion on the application on Correlink (*Bacillus subtilis* NRRL B-67257) for chickens for fattening, turkeys for fattening, chickens reared for laying, turkeys reared for breeding and minor poultry species (<u>EFSA-Q-2019-00803</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working group continued the discussion on the application on Vitamin B2 (riboflavin produced by *Eremothecium ashbyii* CCTCCM 2019833) (<u>EFSA-Q-2020-00323</u>) and decided to inform the applicant on issues that require clarification.
- **4.5.** The Working group continued the discussion on the application Balancius (Muramidase) for piglets (weaned) (<u>EFSA-Q-2020-00199</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.** The Working Group continued the discussion on the application on L-histidine monohydrochloride monohydrate produced by fermentation with *Escherichia coli* K-12 KCCM 80212 (H010) for all animal species (<u>EFSA-Q-2020-00189</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The Working Group discussed the application on Vitamin B2 (riboflavin) for all animal species (<u>EFSA-Q-2020-00160</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.** The Working Group discussed the application on a preparation of *Bacillus subtilis* CNCM I-4606, *Bacillus subtilis* CNCM I-5043, *Bacillus subtilis* CNCM I-4607 and *Lactococcus lactis* CNCM I-4609 for all animal species (<u>EFSA-Q-2020-00202</u>) and decided to inform the applicant on issues that require clarification.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





- **4.9.** The Working Group discussed the application on Nutrase P (6-phytase) for chickens for fattening, other poultry for fattening, reared for laying and ornamental birds (EFSA-Q-2019-00155) and finalised the relevant sections of the draft opinion.
- **4.10.** Items not discussed: FINASE® EC (6-phytase) for pigs other than sows, sows, poultry for fattening and breeding other than turkeys for fattening, poultry for laying and turkeys (<u>EFSA-Q-2019-00333</u>).

#### **5. Any Other Business**

Feedback from March Plenary meeting: The Unit informed the WG about the opinions adopted.

#### 6. Next meeting

29 June 2020.





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

## MINUTES OF THE 33<sup>rd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 22 June 2020** 

(Agreed 22 June)

#### **Participants**

- Working Group Members:Baltasar Mayo
- Hearing Experts<sup>1</sup>: 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 participant.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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





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

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

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

**4.1.**The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

26 June 2020

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<sup>&</sup>lt;sup>2</sup> <a href="http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf">http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf</a>

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 32<sup>nd</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 11 and 12 June 2020

(Agreed 15 June by written procedure)

#### **Participants**

- Working Group Members: Baltasar Mayo
- Hearing Experts<sup>1</sup>: 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 participant.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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





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

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

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

**4.1.**The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

22 June 2020

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<sup>&</sup>lt;sup>2</sup> <a href="http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf">http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf</a>

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 31<sup>st</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 14 May 2020

(Agreed on 14 May 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Elisa Pettenati and Maria Vitoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

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





#### 2. Adoption of agenda

The agenda was adopted with changes. The agenda point 4.9 was added.

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

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

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

- **4.1.** The Working Group continued the discussion on the application Danisco Xylanase (endo-1,4-beta-xylanase) for all ducks, all other poultry species (except breeders), piglets (weaned, suckling), pigs for fattening and minor growing porcine species (EFSA-Q-2018-01039) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group continued the discussion on the application L-Lysine monohydrochloride/Concentrated liquid L-Lysine produced by fermentation with *Corynebacterium casei* KCCM80190 for all animal species (<u>EFSA-Q-2019-00195</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group continued the discussion on the application 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 (<u>EFSA-Q-2017-00717</u>) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working group continued the discussion on the application on Vitamin B2 (riboflavin) for all animal species (<u>EFSA-Q-2016-00505</u>) and decided to inform the applicant on issues that require clarification.
- **4.5.** The Working group continued the discussion on the application on Enviva® PRO 202 GT (*Bacillus amyloliquefaciens* PTA-6507, *Bacillus amyloliquefaciens* NRRL B-50013 and *Bacillus amyloliquefaciens* NRRL B-50104) for turkeys for fattening (<u>EFSA-Q-2019-00457</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.** The Working group continued the discussion on the application on *Lactobacillus* parafarraginis DSM 32962 for all animal species (<u>EFSA-Q-2019-00626</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The Working Group continued the discussion on the application on STENOROL® (Halofuginone hydrobromide) for chickens for fattening and turkeys (<u>EFSA-Q-2012-00407</u>) and finalised the relevant sections of the draft opinion.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





- **4.8.** The Working Group discussed the application on L-lysine monohydrochloride and L-lysine sulphate from *Corynebacterium glutamicum* CCTCC M 2015595 for all animal species (<u>EFSA-Q-2020-00265</u>) and decided to inform the applicant on issues that require clarification.
- **4.9.** The Working Group discussed the application on L-isoleucine produced by fermentation using *Corynebacterium glutamicum* KCCM 80185 for all animal species (<u>EFSA-Q-2020-00007</u>) and decided to inform the applicant on issues that require clarification.
- **4.10.** Item not discussed: Calsporin® (*Bacillus subtilis* DSM 15544) for piglets (weaned) (<u>EFSA-Q-2019-00370</u>).

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

9 June 2020.





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

## MINUTES OF THE 30<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 15 & 16 April 2020

(Agreed on 23 April 2020 by written procedure)

#### **Participants**

Working Group Members:

Philip Ashton<sup>1</sup>, Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Carmen Peláez<sup>1</sup>, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>2</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, Orsolya Holczknecht, Matteo Innocenti, Gloria López-Gálvez, Elisa Pettenati, Fabiola Pizzo, Konstantinos Sofianidis, Jordi Torres-Call and Maria Vitoria Vettori.

FIP Unit: Jaime Aquilera1

BIOCONTAM Unit: Beatriz Guerra<sup>1</sup>

PREV Unit: Laszlo Bura<sup>1</sup>

NUTRI Unit: Reinhard Ackerl<sup>1</sup>

Others:

Not Applicable

<sup>&</sup>lt;sup>1</sup> Attended only on 15 April morning for point 4.1. of the agenda.

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





#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes. The agenda point 4.15 was added.

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

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.
- **4.2.** The Working Group continued the discussion 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 (<u>EFSA-Q-2017-00717</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group continued the discussion on the application Natugrain® TS, Natugrain® TS L (endo-1,4-beta-xylanase and endo-1,4-beta-glucanase) for piglets (weaned), laying hens, chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, turkeys for breeding purposes, ducks for fattening, all minor avian species for laying, minor poultry species for fattening (other than ducks for fattening) and ornamental birds (EFSA-Q-2018-00417) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working Group discussed the application on 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) and decided to inform the applicant on issues that require clarification.
- **4.5.** The Working Group continued the discussion on the application on L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum* KFCC 11043

3 http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





for all animal species (<u>EFSA-Q-2019-00194</u>) and decided to inform the applicant on issues that require clarification.

- **4.6.** The Working group discussed the application on STENOROL® (halofuginone hydrobromide) for chickens for fattening and turkeys (<u>EFSA-Q-2012-00407</u>) and decided that further revision and discussion are needed.
- **4.7.** The Working group discussed the application on fumonisin esterase from *Komagataella phaffii* DSM 32159 (Fumzyme) as a technological feed additive for all animal species (<u>EFSA-Q-2019-00624</u>) and finalised the relevant sections of the draft opinion.
- **4.8.** The Working group discussed the application on RONOZYME® ProAct (serine protease EC 3.4.21.- produced by *Bacillus licheniformis* DSM 19670) for chickens for fattening (<u>EFSA-Q-2019-00156</u>) and decided to inform the applicant on issues that require clarification.
- **4.9.** The Working Group discussed the application on Enviva® PRO 202 GT (*Bacillus amyloliquefaciens* PTA-6507, *B. amyloliquefaciens* NRRL B-50013 and *B. amyloliquefaciens* NRRL B-50104) for turkeys for fattening (<u>EFSA-Q-2019-00457</u>) and decided that further discussion is needed.
- **4.10.** The Working Group discussed the application 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 relevant section of the draft opinion.
- **4.11.** The Working Group discussed the application on *Bacillus subtilis* PB6 (*Bacillus velezensis* ATCC PTA-6737) for chickens for fattening, chickens reared for laying and minor poultry species (except for laying purpose) (<u>EFSA-Q-2019-00410</u>) and finalised the relevant section of the draft opinion.
- **4.12.** The Working Group discussed the application on *Pediococcus pentosaceus* DSM 16244 for all animal species (<u>EFSA-Q-2019-00369</u>) and finalised the relevant sections of the draft opinion.
- **4.13.** The Working Group discussed the application on *Bacillus subtilis* DSM 32325 (QH72) for all animal species (<u>EFSA-Q-2017-00745</u>) and finalised the relevant section of the draft opinion.
- **4.14.** The Working Group discussed the application on *Bacillus subtilis* DSM 32324 (KG76) for all animal species (<u>EFSA-Q-2017-00744</u>) and finalised the relevant section of the draft opinion.
- **4.15.** The Working Group discussed the application on *Bacillus amyloliquefaciens* DSM 25840 (ZM16) for all animal species (<u>EFSA-Q-2017-00722</u>) and finalised the relevant section of the draft opinion.
- **4.16.** Items not discussed: L-Lysine monohydrochloride/Concentrated liquid L-Lysine produced by fermentation with *Corynebacterium casei* KCCM80190 for all animal species (<u>EFSA-Q-2019-00195</u>), Danisco Xylanase (endo-1,4-beta-xylanase) for all ducks, all other poultry species (except breeders), piglets (weaned, suckling), pigs





for fattening and minor growing porcine species (<u>EFSA-Q-2018-01039</u>) and *Calsporin*® (*Bacillus subtilis* DSM 15544) for piglets (weaned) (<u>EFSA-Q-2019-00370</u>).

#### **5. Any Other Business**

Feedback from March Plenary meeting: The Unit informed the WG about the opinions adopted.

#### 6. Next meeting

14 May 2020.





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

## MINUTES OF THE 29<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 7 April 2020

(Agreed on 7 April 2020)

#### **Participants**

- Working Group Members: Baltasar Mayo.
- Hearing Experts<sup>1</sup>: 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. No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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





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

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

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

**4.1.**The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

15 and 16 April 2020

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 28<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 11 March 2020

#### (Agreed on 16 March 2020 by written procedure)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Angelica Amaduzzi, Rosella Brozzi, Yolanda García Cazorla, Orsolya Holczknecht, Gloria López-Gálvez, Elisa Pettenati, Fabiola Pizzo, Maria Vitoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

#### 2. Adoption of agenda

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





The agenda was adopted without changes.

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

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

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

- **4.1.** The Working Group continued the discussion on the application on *Lactobacillus buchneri* DSM 29026 for all animal species (<u>EFSA-Q-2019-00180</u>) and decided to inform the applicant on issues that require clarification.
- **4.2.** The Working Group continued the discussion on the application on L-cysteine hydrochloride monohydrate by fermentation with *Escherichia coli* KCCM 80109 and *Escherichia coli* KCCM 80197 for all animal species (<u>EFSA-Q-2019-00041</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group discussed the application on GalliPro® Fit (*Bacillus subtilis* DSM 32324, *Bacillus subtilis* DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and minor poultry species (EFSA-Q-2019-00117) and finalised the relevant sections of the draft opinion.
- **4.4.** The Working group continued the discussion on IMP (disodium 5'-inosidate) produced by fermentation with *Corynebacterium ammoniagenes* KCCM 80161 for all animal species (<u>EFSA-Q-2019-00040</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working Group continued the discussion on the application on OptiPhos® PLUS (6-phytase) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species for fattening, minor poultry species reared for laying, minor poultry species reared for breeding and ornamental birds (EFSA-Q-2019-00303) and finalised the relevant sections of the draft opinion.
- **4.6.** The Working group discussed the application on NILABLEND 200G (lasalocid A sodium Nicarbazin) for Chickens for fattening (<u>EFSA-Q-2019-00591</u>) and decided to inform the applicant on issues that require clarification.
- **4.7.** The Working group discussed the application on Aviax® 5% (semduramicin sodium) for chickens for fattening (<u>EFSA-Q-2019-00813</u>) and decided to inform the applicant on issues that require clarification.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





- **4.8.** The Working group discussed the application on Coxidin® (monensin sodium) for chickens for fattening, chickens reared for laying and turkeys for fattening (up to 16 weeks of age) (<u>EFSA-Q-2016-00643</u>) and decided to inform the applicant on issues that require clarification.
- **4.9.** The Working group discussed the application on Correlink (*Bacillus subtilis* NRRL B-67257) for chickens for fattening, turkeys for fattening, chickens reared for laying, turkeys reared for breeding and minor poultry species (<u>EFSA-Q-2019-00803</u>) and decided to inform the applicant on issues that require clarification.
- **4.10.** The Working Group discussed the application on ZENzyme® (zearalenone hydrolase) for all terrestrial animal species (<u>EFSA-Q-2020-00008</u>) and decided to inform the applicant on issues that require clarification.
- **4.11.** Items not discussed: L-Lysine monohydrochloride/concentrated liquid L-Lysine produced by fermentation with *Corynebacterium casei* KCCM 80190 for all animal species (<u>EFSA-Q-2019-00195</u>) and L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum* KFCC 11043 for all animal species (<u>EFSA-Q-2019-00194</u>).

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

15 and 16 April 2020.





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

## MINUTES OF THE 27<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 10 March 2020

(Agreed on 16 March 2020 by written procedure)

#### **Participants**

- Working Group Members:Christina Cuomo and Baltasar Mayo.
- Hearing Experts<sup>1</sup>: John Louis Edward
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, and Elisa Pettenati.

FIP Unit: Jaime Aguilera

BIOCONTAM Unit: Beatriz Guerra

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from Philip Ashton.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

**4.1.**The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### **5. Any Other Business**

Not applicable

#### 6. Next meeting

11 March 2020

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 26<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 5 and 6 March 2020

(Agreed on 16 March 2020 by written procedure)

#### **Participants**

- Working Group Members:
  Philip Ashton¹ and Baltasar Mayo
- Hearing Experts<sup>2</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

FEED Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, and Elisa Pettenati

FIP Unit: Jaime Aguilera

BIOCONTAM Unit: Beatriz Guerra<sup>1</sup>

PREV Unit: Laszlo Bura<sup>1</sup> and Dimitra Kardassi<sup>3</sup>

Others:

Not Applicable

<sup>&</sup>lt;sup>1</sup> Attended only on 5 March

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

<sup>&</sup>lt;sup>3</sup> Attended only on 6 March





#### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies from Philip Ashton were received on 6 March.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

**4.1.** The Working Group revised the draft statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>), taking into account the comments received during the public consultation (<u>EFSA-Q-2020-00031</u>), and modified the draft accordingly. It was decided that further revision and discussion are needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

10 March 2020

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<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>5</sup> 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 25<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 12 February 2020

(Agreed on 12 February 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Rosella Brozzi, Yolanda García Cazorla, Lucilla Gregoretti, Orsolya Holczknecht, Gloria López-Gálvez, Elisa Pettenati, Kostantinos Sofianidis and Jordi Tarrés-Call.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

#### 2. Adoption of agenda

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





The agenda was adopted with changes. The agenda point 4.11 was added.

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

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

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

- **4.1.** The Working Group continued the discussion on the application on L-Tryptophan produced by fermentation with *Escherichia coli* KCCM 10534 (<u>EFSA-Q-2018-00545</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group continued the discussion on the application on L-histidine monohydrochloride monohydrate for other fin fish (<u>EFSA-Q-2018-00546</u>) and finalised the relevant sections of the draft opinion.
- **4.3.** The Working Group discussed the application on *Bacillus subtilis* PB6 (*Bacillus subtilis* ATCC PTA-6737) for chickens for fattening, chickens reared for laying and minor poultry species (except for laying purpose) (<u>EFSA-Q-2019-00410</u>) and decided to inform the applicant on issues that require clarification.
- **4.4.** The Working group continued the discussion on the application on Xanthan gum for all animal species (<u>EFSA-Q-2013-01021</u>) and finalised the relevant sections of the draft opinion.
- **4.5.** The Working Group continued the discussion on the application on L-lysine monohydrochloride for all animal species (<u>EFSA-Q-2019-00331</u>) and finalised the relevant sections of the draft opinion.
- **4.6.** The Working Group continued the discussion on the application on Biacton for weaned piglets (<u>EFSA-Q-2016-00712</u>) and finalised the relevant sections of the draft opinion.
- **4.7.** The Working group discussed the application on Biacton for laying hens, chickens and turkeys for fattening (<u>EFSA-Q-2016-00711</u>) and finalised the relevant sections of the draft opinion
- **4.8.** The Working group discussed the application on AQ02 (*Lactobacillus plantarum* CECT 8350 and *Lactobacillus reuteri* CECT 8700) for suckling piglets (<u>EFSA-Q-2019-00487</u>) and decided to inform the applicant on issues that require clarification.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





- **4.9.** The Working group discussed the application on *Bacillus subtilis* DSM 32325 for all animal species (<u>EFSA-Q-2017-00744</u>) and decided that further discussion is needed.
- **4.10.** The Working group discussed the application *Bacillus subtilis* DSM 32324 for all animal species (<u>EFSA-Q-2017-00745</u>) and decided that further discussion is needed.
- **4.11.** The Working Group continued the discussion of the application on Bafasal® (preparation four of bacteriophages infecting *Salmonella enterica* ser. Gallinarum B/00111) for all avian species (<u>EFSA-Q-2017-00724</u>) and decided to inform the applicant on issues that require clarification.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

5 March 2020.





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

### MINUTES OF THE 24<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 11 February 2020

(Agreed on 11 February 2020)

#### **Participants**

- Working Group Members:Philip Ashton, Christina Cuomo and Baltasar Mayo
- Hearing Experts¹: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García Cazorla, and Elisa Pettenati

Others:

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Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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





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

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

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

**4.1.** The participants discussed examples on how to present the data following the provisions of the statement on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (EFSA-Q-2019-00434) and decided that more discussion is needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

12 February 2020

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 23<sup>RD</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Tele meeting 24 January 2020

(Agreed on 24 January 2020)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Baltasar Mayo (Chair of the WG), Miguel Prieto, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García-Cazorla, Lucilla Gregoretti and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:





The agenda was adopted with changes. The agenda points 4.8 and 4.9 were added.

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

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

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

- **4.1.** The participants discussed the application on Biacton for weaned piglets (<u>EFSA-Q-2016-00712</u>) and decided that further discussion is needed.
- **4.2.** The participants discussed the application on Biacton for laying hens, chickens and turkeys for fattening (<u>EFSA-Q-2016-00711</u>) and decided that further discussion is needed.
- **4.3.** The participants continued the discussion on Capsozyme SB Plus (endo-1,4-beta-xylanase and alpha-galactosidase) for chickens for fattening, chickens reared for laying and minor poultry species for fattening and reared for laying (EFSA-Q-2017-00837) and finalised the relevant sections of the draft opinion.
- **4.4.** The participants continued the discussion on L-tryptophan for all animal species (EFSA-O-2017-00610) and finalised the relevant sections of the draft opinion.
- **4.5.** The participants continued the discussion on the application 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 that further discussion is needed.
- **4.6.** The participants discussed the application on Xanthan gum for all animal species (<u>EFSA-Q-2013-01021</u>) and decided that further discussion is needed.
- **4.7.** The participants 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 (<u>EFSA-Q-2019-00525</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.** The participants continued the discussion on the L-isoleucine (minimum 93.4% of L-isoleucine expressed on dry matter) for all animal species (<u>EFSA-Q-2019-00361</u>) and finalised the relevant sections of the draft opinion.
- **4.9.** The participants discussed the application on Maxiban G160 contains 80 g narasin and 80 g nicarbazin per Kg for chickens for fattening (<u>EFSA-Q-2019-00739</u>) and finalised the relevant sections of the draft opinion.

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





### **5. Any Other Business**

Not Applicable

### 6. Next meeting

11 February 2020





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

MINUTES OF THE 22<sup>ND</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Tele meeting 17 December 2019

(Agreed on 17 December 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Yolanda García, Elisa Pettenati and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:





The agenda was adopted with changes. The agenda point 4.5 was added.

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

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

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

- **4.1.** The participants continued the discussion on the application on MSG (monosodium L-glutamate) produced by fermentation with *Corynebacterium glutamicum* KCCM 80188 for all animal species (<u>EFSA-Q-2019-00037</u>) and finalised the characterisation of the production strain of the draft opinion.
- **4.2.** The participants continued the discussion on the application on Natugrain® TS, Natugrain® TS L (endo-1,4-beta-xylanase and endo-1,4-beta-glucanase) for piglets (weaned), laying hens, chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, turkeys for breeding purposes, ducks for fattening, all minor avian species for laying, minor poultry species for fattening (other than ducks for fattening) and ornamental birds (EFSA-Q-2018-00417) and decided to inform the applicant on issues that require clarification.
- **4.3.** The participants continued the discussion on the application on Avizyme 1505 (endo-1,4-beta-xylanase (EC 3.2.1.8) derived from *Trichoderma reesei*, alpha-amylase (EC 3.2.1.1) derived from *Bacillus amyloliquefaciens* and protease (EC 3.4.21.62) derived from *Bacillus subtilis*) for all ducks and all other poultry species (except breeders (EFSA-Q-2018-01040) and finalised the characterisation of the production strains of the draft opinion.
- **4.4.** The participants discussed the application on NILABLEND 200G (Lasalocid A sodium Nicarbazin) for chickens for fattening (<u>EFSA-Q-2019-00591</u>) and decided to inform the applicant on issues that require clarification.
- **4.5.** The participants continued the discussion on the application on GalliPro® Fit (*Bacillus subtilis* DSM 32324, *B. subtilis* DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and minor poultry species (<u>EFSA-Q-2011-00148</u>) and decided that further discussion is needed.
- **4.6.** Item not discussed: Capsozyme SB Plus (endo-1,4-beta-xylanase and alphagalactosidase) for chickens for fattening, chickens reared for laying and minor poultry species for fattening and reared for laying (<u>EFSA-Q-2017-00837</u>).

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

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<sup>&</sup>lt;sup>3</sup> 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 January 2020





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

### MINUTES OF THE 21<sup>ST</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Tele meeting 27 November 2019

(Agreed on 27 November 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG) and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

Feed Unit: Rosella Brozzi, Yolanda García and Elisa Pettenati.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

Apologies were received from Miguel Prieto and Yolanda Sanz.

<sup>&</sup>lt;sup>1</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work:





The agenda was adopted without changes.

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

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

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

- **4.1.** The participants discussed the application on L-Valine produced by fermentation with *Escherichia coli* K12 KCCM 80159 for all animal species (<u>EFSA-Q-2018-00712</u>) and finalised the characterisation of the production strain of the draft opinion.
- **4.2.** The participants discussed the application on L-lysine formulated as L-lysine monohydrochloride and L-lysine sulphate (<u>EFSA-Q-2018-00427</u>) and finalised the characterisation of the production strain of the draft opinion.
- **4.3.** The participants continued the discussion on the application on L-cystine (not less than: 98% L-cystine on dry matter basis) using strain NITE BP-02525 (EFSA-Q-2019-00332) and finalised the characterisation of the production strain of the draft opinion.
- **4.4.** The participants continued the discussion on the application on L-Tryptophan produced by fermentation with *Escherichia coli* KCCM 10534 (<u>EFSA-Q-2018-00545</u>) and finalised the characterisation of the production strain of the draft opinion.
- **4.5.** The participants continued the discussion on the application on Sorbiflore® (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for chickens for fattening (<u>EFSA-Q-2017-00756</u>) and finalised the characterisation of the active agents of the draft opinion.
- **4.6.** The participants discussed the application on *Lactobacillus parafarraginis* DSM 32962 for all animal species (<u>EFSA-Q-2019-00626</u>) and decided to inform the applicant on issues that require clarification.

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

To be decided

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 20<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Parma, 16 and 17 October 2019

(Agreed on 17 October 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati, Gloria López, Konstantinos Sofianidis, Jordi Tarrés-Call and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





The agenda was adopted with changes. The agenda points 4.5, 4.8, 4.10 and 4.11 were added.

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

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

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

- **4.1.** The participants continued the discussion on the application on L-Tryptophan produced by fermentation with Escherichia coli KCCM 10534 (<u>EFSA-Q-2018-00545</u>) and decided to inform the applicant on issues that require clarification.
- **4.2.** The participants continued the discussion on the application on Astaxanthin-rich *Phaffia rhodozyma* (ATCC SD 5340) for salmon and trout (<u>EFSA-Q-2015-00754</u>) and decided that further discussion is needed.
- **4.3.** The participants continued the discussion on the application on Ecobiol®, Ecobiol® 500, Ecobiol® Plus (*Bacillus amyloliquefaciens* CECT 5940) for chickens for fattening and reared for laying (EFSA-Q-2018-00060) and finalised the characterisation of the active agent of the draft opinion.
- **4.4.** The participants continued the discussion on the application on Sorbiflore® (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for chickens for fattening (<u>EFSA-Q-2017-00756</u>) and decided that further discussion is needed.
- **4.5.** The participants continued the discussion on the application on L-Cysteine hydrochloride monohydrate by fermentation with *Escherichia coli* KCCM 80109 and *Escherichia coli* KCCM 80197 for all animal species (<u>EFSA-Q-2019-00041</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.** The participants continued the discussion on the application on GalliPro® Fit (*Bacillus subtilis* DSM 32324, *Bacillus subtilis* DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding (<u>EFSA-Q-2019-00117</u>) and minor poultry species and decided to inform the applicant on issues that require clarification.
- **4.7.** The participants continued the discussion on the application on L-lysine monohydrochloride for all animal species (<u>EFSA-Q-2019-00331</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.** The participants continued the discussion on the application on L-Methionine produced by fermentation with *Corynebacterium glutamicum* KCCM 80184 and *Escherichia coli* K12

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





KCCM 80096 for all animal species ( $\underline{\mathsf{EFSA-Q-2018-01017}}$ ) and finalised the characterisation of the production strain of the draft opinion.

- **4.9.** The participants continued the discussion on the application on IMP (disodium 5'-inosidate) produced by fermentation with *Corynebacterium ammoniagenes* KCCM 80161 for all animal species (<u>EFSA-Q-2019-00040</u>) and decided to inform the applicant on issues that require clarification.
- **4.10.** The participants discussed the application OptiPhos® PLUS (6-phytase) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species for fattening, minor poultry species reared for laying, minor poultry species reared for breeding and ornamental birds (EFSA-Q-2019-00303) and decided to inform the applicant on issues that require clarification.
- **4.11.** The participants continued the discussion on the application on AveMix® XG 10 (endo-1,4-beta-xylanase and endo-1,3(4)-beta-glucanase) for chickens for fattening (EFSA-Q-2018-00762) and finalised the characterisation of the production strain of the draft opinion.
- **4.12.** The participants continued the discussion on the application on Avizyme 1505 (endo-1,4-beta-xylanase (EC 3.2.1.8) derived from *Trichoderma reesei*, alpha-amylase (EC 3.2.1.1) derived from *Bacillus amyloliquefaciens* and protease (EC 3.4.21.62) derived from Bacillus subtilis) for all ducks and all other poultry species (except breeders) (EFSA-Q-2018-01040) and finalised the characterisation of the production strain of the draft opinion.
- **4.13.** The participants discussed the application on *Bacillus subtilis* PB6 (*Bacillus subtilis* ATCC PTA-6737) for chickens for fattening, chickens reared for laying and minor poultry species (except for laying purpose) (<u>EFSA-Q-2019-00410</u>) and decided to inform the applicant on issues that require clarification.
- **4.14.** Item not discussed: L-Valine produced by fermentation with Escherichia coli K12 KCCM 80159 for all animal species (<u>EFSA-Q-2018-00712</u>).

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

27 November 2019





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

## MINUTES OF THE $19^{\text{TH}}$ MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 11 October 2019** 

(Agreed on 11 October 2019)

#### **Participants**

Working Group Members:
 Baltasar Mayo (Chair of the WG), Philip Ashton and Pier Sandro Cocconcelli

Hearing Experts<sup>1</sup>:

Carmen Peláez

European Commission and/or Member States representatives:Not Applicable

EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati and Frank Verdonck

FIP Unit: Jaime Aguilera

BIOHAZ Unit: Beatriz Guerra NUTRI Unit: Reinhard Ackerl PREV Unit: Frédérique Istace

Others:

Not Applicable

#### 1. Welcome and apologies for absence

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





EFSA welcomed the participants.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

**4.1.** The participants continued the discussion on the requirements for whole genome sequence analysis of microorganisms intentionally used in the food chain (<u>EFSA-Q-2019-00434</u>) and decided that further discussion is needed.

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

16 and 17 October 2019

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





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

### MINUTES OF THE 18<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### TELE-conference, 3 October 2019

(Agreed on 3 October 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Boet Glandorf, Baltasar Mayo (Chair of the WG), Miguel Prieto Maradona and Maria Saarela.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati, Gloria López Konstantinos Sofianidis and Jordi Tarrés-Call.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

Apologies were received from Pier Sandro Cocconcelli and Yolanda Sanz.

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





The agenda was adopted with changes. The agenda point 4.5 was added.

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

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

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

- 4.1. The participants continued the discussion on the application on L-tryptophan for all animal species (EFSA-Q-2017-00610) and finalised the characterisation of the production organism section of the draft opinion.
- 4.2. The participants continued the discussion on the application on Danisco Xylanase 40000 G/Danisco Xylanase 40000 L (endo-1,4-beta-xylanase) for all ducks, all other poultry species (except breeders), piglets (weaned, suckling), pigs for fattening and minor growing porcine species (EFSA-Q-2018-01039) and decided to inform the applicant on issues that require clarification.
- 4.3. The participants continued the discussion on the application on L-Methionine produced by fermentation with Corynebacterium glutamicum KCCM 80184 and Escherichia coli K12 KCCM 80096 for all animal species (EFSA-Q-2018-01017) and decided that further discussion is needed.
- The participants discussed the application on L-cystine (not less than: 98% L-cystine on dry matter basis) using strain NITE BP-02525 (EFSA-Q-2019-00332) and decided to inform the applicant on issues that require clarification.
- 4.5. The participants discussion the application on ECONASE® XT (endo-1,4-betaxylanase) 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 require clarification.
- 4.6. Item not discussed: OptiPhos® PLUS (6-phytase) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, minor poultry species for fattening, minor poultry species reared for laying, minor poultry species reared for breeding and ornamental birds (EFSA-Q-2019-00303).

#### 5. Any Other Business

Not Applicable

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





### 6. Next meeting

11 October 2019





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

## MINUTES OF THE 17<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 26 September 2019** 

(Agreed on 26 September 2019)

#### **Participants**

- Working Group Members:Philip Ashton, Christina Cuomo and Baltasar Mayo (Chair of the WG).
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi and Elisa Pettenati

FIP Unit: Jaime Aguilera

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





The agenda was adopted without changes.

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

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

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

**4.1.** The participants continued the discussion on the requirements for whole genome sequence analysis of microorganisms (<u>EFSA-Q-2019-00434</u>) and decided that further discussion is needed.

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

3 October 2019

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<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 16<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 4 September 2019**

(Agreed on 4 September 2019)

#### **Participants**

- Working Group Members:
   Baltasar Mayo, Miguel Prieto, Henrik Christensen and Maria Saarela
   Yolanda Sanz in agenda item 4.3
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives: Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Lucilla Gregoretti, Kostantinos Sofianidis, Maria Vittoria Vettori

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





The agenda was adopted with changes. The agenda point 4.5 was added.

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

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

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

- 4.1. The participants discussed the application 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 inform the applicant on issues that require clarification.
- 4.2. The participants discussed the application on ECONASE® XT (endo-1,4-betaxylanase) 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 require clarification.
- The participants discussed the application on the FINASE® EC (6-phytase) for 4.3. pigs other than sows, sows, poultry for fattening and breeding other than turkeys for fattening, poultry for laying and turkeys (EFSA-Q-2019-00333) and decided to inform the applicant on issues that require clarification.
- 4.4. The participants discussed the application on L-cysteine monohydrochloride monohydrate by fermentation with Escherichia coli KCCM 80180 and E. coli KCCM 80181 for all animal species (EFSA-Q-2018-00552) and finalised the characterisation of the production organism section of the draft opinion.
- The participants discussed the application on the 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 that further discussion is needed.

#### 5. Any Other Business

Not Applicable

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





### 6. Next meeting

3 October 2019





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

### MINUTES OF THE 15<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

#### **TELE-conference, 2 September 2019**

(Agreed on 2 September 2019)

#### **Participants**

- Working Group Members:Philip Ashton, Christina Cuomo and Baltasar Mayo.
- Hearing Experts<sup>1</sup>: John Louis Edward
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita and Rosella Brozzi

FIP Unit: Jaime Aguilera and Ana Gomes

PREV Unit: Kardassi Dimitra

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





The agenda was adopted without changes.

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

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

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

**4.1.** The participants continued the discussion on the requirements for whole genome sequence analysis of microorganisms (<u>EFSA-Q-2019-00434</u>) and decided that further discussion is needed.

#### 5. Any Other Business

Not Applicable

#### 6. Next meeting

4 September 2019

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<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 14<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 21 August 2019

(Agreed on 21 August 2019)

#### **Participants**

Working Group Members:

Baltasar Mayo, Yolanda Sanz, Miguel Prieto, Henrik Christensen, Lieve Herman, Maria Saarela and Pier Sandro Cocconcelli.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

■ EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Lucilla Gregoretti, Paola Manini and Elisa

Pettenati

FIP Unit: Jaime Aguilera in agenda point 5.1

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

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





The agenda was adopted with changes. The agenda point 4.5 was added.

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

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

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

- **4.1.** The participants continued the discussion on the application on L-threonine produced by *Escherichia coli* CGMCC 11473 (<u>EFSA-Q-2018-00695</u>) and finalised the relevant sections of the draft opinion.
- 4.2. The participants continued the discussion on the application on Natugrain® TS, Natugrain® TS L (endo-1,4-beta-xylanase and endo-1,4-beta-glucanase) for piglets (weaned), laying hens, chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, turkeys for breeding purposes, ducks for fattening, all minor avian species for laying, minor poultry species for fattening (other than ducks for fattening) and ornamental birds (EFSA-Q-2018-00417) and decided to inform the applicant on issues that require clarification.
- **4.3.** The participants discussed the application on Capsozyme SB Plus (endo-1,4-beta-xylanase and alpha-galactosidase) for chickens for fattening, chickens reared for laying and minor poultry species for fattening and reared for laying (<u>EFSA-Q-2017-00837</u>) and decided to inform the applicant on issues that require clarification.
- **4.4.** The participants discussed the application on the L-isoleucine (minimum 93.4% of L-isoleucine expressed on dry matter) for all animal species (<u>EFSA-Q-2019-00361</u>) and decided that further discussion is needed.
- **4.5.** The participants discussed the application on the vitamin B12 produced by *Ensifer adhaerens* SCM 2034 for all animal species (<u>EFSA-Q-2019-00319</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.** Items not discussed: Axtra® XAP 104 TPT (endo-1,4-beta-xylanase, alphaamylase and protease) for chickens for fattening, laying hens and all minor poultry species (EFSA-Q-2017-00717).

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





### **5. Any Other Business**

**5.1** The statement of the CEP Panel on the characterisation of microorganisms used for the production of food enzymes was presented to the WG and a discussion on its content took place.

#### 6. Next meeting

2 September 2019





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

MINUTES OF THE  $13^{\text{TH}}$  MEETING OF THE WORKING GROUP ON MICROBIOLOGY

**TELE-conference, 14 August 2019** 

(Agreed on 14 August 2019)

#### **Participants**

- Working Group Members: João André Carriço
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi and Elisa Pettenati

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

No apologies were received.

#### 2. Adoption of agenda

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





The agenda was adopted without changes.

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

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

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

**4.1.** The participants continued the discussion on the requirements for the whole genome sequence analysis of microorganisms (<u>EFSA-Q-2019-00434</u>) and decided that more discussion is needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

21 August 2019

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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  $12^{TH}$  MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 17 July 2019

(Agreed on 17 July 2019)

#### **Participants**

- Working Group Members:
   Philip Ashton, João André Carriço, Christina Cuomo and Baltasar Mayo
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi and Elisa Pettenati

Nutri Unit: Reinhard Ackerl

Others:

Not Applicable

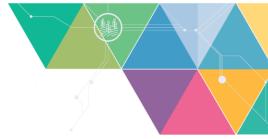
#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

Apologies were received from John Louis Edward.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

**4.1.** The participants continued the discussion on the requirements for the whole genome sequence analysis of microorganisms (<u>EFSA-Q-2019-00434</u>) and decided that more discussion is needed.

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

21 August 2019

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 11<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Meeting, 26 June 2019

(Agreed on 26 June 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo and Maria Saarela

Hearing Experts<sup>1</sup>:

Not Applicable

■ European Commission and/or Member States representatives:

Not Applicable

EFSA:

Feed Unit: Rosella Brozzi, Elisa Pettenati and Jordi Tarrés-Call

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

Apologies were received from Miguel Maradona Prieto and Yolanda Sanz.

#### 2. Adoption of agenda

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





The agenda was adopted with/without changes.

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

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

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

- **4.1.** The Working Group continued the discussion of the application on Bafasal® (preparation four of bacteriophages infecting *Salmonella enterica* ser. Gallinarum 1) for all avian species (<u>EFSA-Q-2017-00724</u>) and finalised the relevant sections of the draft opinion.
- **4.2.** The Working Group discussed the application on (L-Lysine monohydrochloride/concentrated liquid L-lysine produced by fermentation with *Corynebacterium casei* KCCM80190 for all animal species (<u>EFSA-Q-2019-00195</u>) and decided to inform the applicant on issues that require clarification.
- **4.3.** The Working Group discussed the application on L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum* KFCC 11043 for all animal species (<u>EFSA-Q-2019-00194</u>) and decided to inform the applicant on issues that require clarification.
- **4.4.** The Working Group discussed the application on L-isoleucine produced by fermentation with *Corynebacterium glutamicum* KCCM 80189 for all animal species (<u>EFSA-Q-2019-00293</u>) and decided to inform the applicant on issues that require clarification.
- **4.5.** The Working Group continued the discussion of the application on ECONASE® XT (endo-1,4-beta-xylanase) for piglets (weaned), chickens for fattening, chickens reared for laying, turkeys for fattening and turkey reared for breeding (<u>EFSA-Q-2018-00824</u>) and finalised the relevant parts of the characterisation of the additive section of the draft opinion.

#### 5. Any Other Business

Not Applicable

### Next meeting(s)

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





10 July 2019





FFFD UNIT

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

### MINUTES OF THE 10<sup>th</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Meeting, 12 June 2019

(Agreed on 12 June 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Pier Sandro Cocconcelli, Boet Glandorf, Lieve Herman, Baltasar Mayo, Miguel Maradona Prieto, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati and Konstantinos Sofianidis

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 with/without changes.

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





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

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

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

- **4.1.**The Working Group continued the discussion of the application on Bafasal® (preparation four of bacteriophages infecting *Salmonella enterica* ser. Gallinarum 1) for all avian species (<u>EFSA-Q-2017-00724</u>) and decided to inform the applicant on issued that require clarifications.
- **4.2.**The Working Group discussed the application on L-lysine formulated as L-lysine monohydrochloride and L-lysine sulphate (<u>EFSA-Q-2018-00427</u>) and decided to inform the applicant on issued that require clarifications.
- **4.3.**The Working Group discussed the application on L-lysine monohydrochloride and concentrated liquid L-lysine (base) (<u>EFSA-Q-2018-00266</u>) and finalised the characterisation of the production organism section of the draft opinion.
- **4.4.**The Working Group discussed the application on 25-hydroxycholecalciferol for pigs and poultry (<u>EFSA-O-2019-00104</u>) and decided that further discussion is needed.
- **4.5.**The Working Group continued the discussion of the application on Sorbiflore® (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for chickens for fattening (EFSA-Q-2017-00756) and decided to inform the applicant on issues that require clarification.

#### 5. Any Other Business

Not Applicable

#### Next meeting(s)

26 June 2019

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<sup>&</sup>lt;sup>2</sup> <a href="http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf">http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf</a>

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 9<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

Valencia, 23-24 May 2019

(Agreed on 5 June 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona and Yolanda Sanz. Maria Saarela via tele-web conference in agenda points 4.1, 4.2, 4.3, 4.4, 4.5, 4.7, 4.8 and 4.9. Pier Sandro Cocconcelli via tele-web conference in agenda point 5.

Hearing Experts<sup>1</sup>:

Luisa Peixe in agenda point 5.

Barbara Murray via tele-web conference in agenda point 5.

European Commission and/or Member States representatives: Not Applicable

EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Sandra Correia (in agenda point 5), Orsolya Holczknecht, Elisa Pettenati, Konstantinos Sofianidis, Jordi Tarrés-Call and Maria Vittoria Vettori.

Others:

Not Applicable

#### 1. Welcome and apologies for absence

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





EFSA welcomed the participants.

No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

- **4.1.**The Working Group discussed the application on Nutrase P (6-phytase) for chickens for fattening, other poultry for fattening, reared for laying and ornamental birds (<u>EFSA-Q-2019-00155</u>) and decided to inform the applicant on issues that require clarification.
- **4.2.**The Working Group continued the discussion of the application on L-cysteine monohydrochloride monohydrate by fermentation with *Escherichia coli* KCCM 80180 and *E. coli* KCCM 80181 for all animal species (<u>EFSA-Q-2018-00552</u>) and decided to inform the applicant on issues that require clarification.
- **4.3.**The Working Group continued the discussion of the application on *Bacillus licheniformis* DSM 32457 for all animal species (<u>EFSA-Q-2018-00690</u>) and finalised the characterisation of the active agent section of the draft opinion.
- **4.4.**The Working Group continued the discussion of the application on Sorbiflore® (*Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699) for chickens for fattening (<u>EFSA-O-2017-00756</u>) and decided that further discussion is needed.
- **4.5.**The Working Group continued the discussion of the application on *Lactobacillus rhamnosus* CNCM I-3698 and *Lactobacillus farciminis* CNCM I-3699 for all animal species (<u>EFSA-Q-2017-00754</u>) and decided that further discussion is needed.
- **4.6.** The Working Group continued the discussion of the application on L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species (<u>EFSA-Q-2018-00507</u>) and finalised the characterisation of the production organism section of the draft opinion.
- **4.7.**The Working Group continued the discussion of the application on L-histidine monohydrochloride monohydrate for other fin fish (<u>EFSA-Q-2018-00546</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.** The Working Group continued the discussion of the application on L-glutamine produced using strain *Corynebacterium glutamicum* NITE BP-02524 for all animal species (<u>EFSA-O-</u>

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





- <u>2018-00063</u>) and finalised the characterisation of the production organism section of the draft opinion
- **4.9.**The Working Group discussed the application on Amaferm (fermentation product of Aspergillus oryzae NRRL 458) for dairy cows (<u>EFSA-Q-2016-00833</u>) and finalised the characterisation of the production organism section of the draft opinion.
- **4.10.** The Working Group discussed the application on 25-hydroxycholecalciferol for pigs and poultry (<u>EFSA-Q-2019-00104</u>) and decided to inform the applicant on issues that require clarification.
- **4.11.** The Working Group discussed the application on GalliPro® Fit (*Bacillus subtilis* DSM 32324, *B. subtilis* DSM 32325 and *Bacillus amyloliquefaciens* DSM 25840) for chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding and minor poultry species (<u>EFSA-Q-2011-00148</u>) and decided to inform the applicant on issues that require clarification.
- **4.12.** The Working Group discussed the application on red-carotenoid rich *Paracoccus carotinifaciens* (Panaferd-AX) for salmon and trout (<u>EFSA-Q-2017-00694</u>) and decided to inform the applicant on issues that require clarification.
- **4.13.** Items not discussed: Bafasal® (preparation of bacteriophages F/00069, F/00070, F/00071 and F/00097 infecting *Salmonella enterica* ser. Gallinarum 1) as a feed additive for all avian species (<u>EFSA-Q-2017-00724</u>), L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species (<u>EFSA-Q-2018-00266</u>).

#### 5. Any Other Business

The WG discussed new data on Enterococcus faecium virulence factors that have become available.

#### 6. Next meeting(s)

12 June 2019





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

### MINUTES OF THE 8<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 17 April 2019

(Agreed on 17 April 2019)

#### **Participants**

Working Group Members:

Henrik Christensen, Boet Glandorf, Lieve Herman, Baltasar Mayo, Miguel Prieto Maradona and Yolanda Sanz.

Hearing Experts<sup>1</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Orsolya Holczknecht, Elisa Pettenati, Konstantinos Sofianidis, Jordi Tarrés-Call and Maria Vittoria Vettori

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

Apologies were received from Maria Saarela.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

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

- **4.1.**The Working Group continued the discussed the application on ELANCOBAN <sup>®</sup>G200 (monensin sodium) for chickens for fattening, chickens reared for laying, turkeys (<u>EFSA-Q-2013-00752</u>) and finalised the characterisation of the production organism section of the draft opinion.
- **4.2.**The Working Group discussed the application on L-Tryptophan produced by fermentation with *Corynebacterium glutamicum* KCCM 80176 (EFSA-Q-2018-00451) and finalised the characterisation of the production organism section of the draft opinion.
- **4.3.**The Working Group discussed the application on L-Tryptophan for all animal species (<u>EFSA-Q-2017-00610</u>) and decided to inform the applicant on issues that require clarification.
- **4.4.**The Working Group discussed the application on L-Threonine produced by *Escherichia coli* CGMCC 11473 for all animal species (<u>EFSA-Q-2018-00695</u>) and decided to inform the applicant on issues that require clarification.
- **4.5.**The Working Group discussed the application on L-tryptophan produced by fermentation with *Escherichia coli* KCCM 10534 for all animal species (<u>EFSA-Q-2018-00545</u>) and decided to inform the applicant on issues that require clarification.
- **4.6.**The Working Group discussed the application on Bafasal<sup>®</sup> (preparation four of bacteriophages infecting *Salmonella enterica* ser. Gallinarum 1) for all avian species (EFSA-Q-2017-00724) and decided that further discussion is needed.
- **4.7.**The Working Group discussed the application on L-Cysteine hydrochloride monohydrate by fermentation with *Escherichia coli* KCCM 80109 and *E. coli* KCCM 80197 for all animal species (<u>EFSA-Q-2019-00041</u>) and decided to inform the applicant on issues that require clarification.
- **4.8.**Item not discussed: 25-hydroxycholecalciferol for pigs and poultry (<u>EFSA-Q-2019-00104</u>).

#### 5. Any Other Business

Not Applicable

<sup>2 1 11 11</sup> 

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





### 6. Next meeting(s)

23 and 24 May 2019





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

### MINUTES OF THE 7<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 10 April 2019

(Agreed on 10 April 2019)

#### **Participants**

Working Group Members: Baltasar Mayo

Hearing Experts<sup>1</sup>:
 João André Carriço

European Commission and/or Member States representatives:Not Applicable

EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, and Elisa Pettenati

FIP Unit: Jaime Aguilera and Ana Gomes

BIOCONTAM Unit: Beatriz Guerra

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants.

Apologies were received from Reinhard Ackerl.

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





#### 2. Adoption of agenda

The agenda was adopted without changes.

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

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

#### 4. Hearing Expert (s)

João André Carriço was invited to present his views for item 5.1 of the present meeting.

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

5.1. The participants discussed the requirements for the whole genome sequence analysis of microorganisms used as food/feed additives and as production strains.

#### 6. Any Other Business

Not applicable

#### 7. Next meeting

17 April 2019

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 6<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 22 March 2019

(Agreed on 22 March 2019)

#### **Participants**

- Working Group Members:
   Henrik Christensen, Lieve Herman, Baltasar Mayo and Miguel Prieto Maradona
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi and Elisa Pettenati

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies received from Yolanda Sanz.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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





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

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

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

- 4.1. The Working Group discussed the application on IMP (disodium 5'-inosidate) produced by fermentation with Corynebacterium ammoniagenes KCCM 80161 for all animal species (EFSA-Q-2019-00040) and decided to inform the applicant on issues that require clarification.
- The Working Group discussed the application on PHYZYME® XP 10000 TPT and PHYZYME® XP 10000 L for all avian species and all swine species (EFSA-Q-2018-00516) and finalised the characterisation of the active agent section of the draft opinion.
- 4.3. The Working Group discussed the application on L-Tryptophan produced by fermentation with Escherichia coli K12 KCCM 80152 for all animal species (EFSA-O-2017-00693) and finalised the characterisation of the active agent section of the draft opinion.
- 4.4. The Working Group discussed the application on L-Tryptophan produced by fermentation with Escherichia coli K12 KCCM 80135 (EFSA-Q-2017-00542) and finalised the characterisation of the active agent section of the draft opinion.
- 4.5. Item not discussed: L-histidine monohydrochloride monohydrate for other fin fish (EFSA-Q-2018-00546).

#### 5. Any Other Business

Not applicable

#### 6. Next meeting

10 April 2019

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_17.pdf





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

### MINUTES OF THE $5^{\text{TH}}$ MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 6 March 2019

(Agreed on 6 March 2019)

#### **Participants**

- Working Group Members:
   Henrik Christensen, Boet Glandorf, Baltasar Mayo, Miguel Prieto Maradona and Maria Saarela
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Matteo Innocenti, Gloria López and Elisa Pettenati

Others:
Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from Yolanda Sanz.

#### 2. Adoption of agenda

The agenda was adopted with changes. An item was added under point 5.

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





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

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

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

- 4.1. The Working Group discussed the application on gellan gum for cats and dogs (<u>EFSA-Q-2018-00815</u>) and decided to inform the applicant on issues that require clarification.
- 4.2. The Working Group discussed the application on L-Methionine produced by fermentation with *Corynebacterium glutamicum* KCCM 80184 and *Escherichia coli* K12 KCCM 80096 for all animal species (EFSA-Q-2018-01017) and decided to inform the applicant on issues that require clarification.
- 4.3. The Working Group discussed the application on MSG (monosodium L-glutamate) produced by fermentation with *Corynebacterium glutamicum* KCCM 80188 for all animal species (<u>EFSA-Q-2019-00037</u>) and decided to inform the applicant on issues that require clarification.
- 4.4. The Working Group discussed the application on Danisco Xylanase (endo-1,4-beta-xylanase) for all ducks, all other poultry species (except breeders), piglets (weaned, suckling), pigs for fattening and minor growing porcine species (EFSA-Q-2018-01039) and decided to inform the applicant on issues that require clarification.
- 4.5. The Working Group discussed the application on Avizyme 1505 (endo1,4-beta-xylanase (EC 3.2.1.8) derived from *Trichoderma reesei*, alphaamylase (EC 3.2.1.1) derived from *Bacillus amyloliquefaciens* and protease
  (EC 3.4.21.62) derived from *Bacillus subtilis*) for all ducks and all other
  poultry species (except breeders) (<u>EFSA-Q-2018-0104</u>) and decided to
  inform the applicant on issues that require clarification.

#### **5. Any Other Business**

The WG discussed the susceptibility of *Saccharomyces* spp. to clinically relevant antimycotics.

#### 6. Next meeting

22 March 2019

<sup>&</sup>lt;sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> 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 4<sup>TH</sup> MEETING OF THE WORKING GROUP ON MICROBIOLOGY

TELE-conference, 20 February 2019

(Agreed on 20 February 2019)

#### **Participants**

- Working Group Members:Herman Lieve, Mayo Baltasar, Miguel Prieto Maradona and Maria Saarela
- Hearing Experts<sup>1</sup>: Not Applicable
- European Commission and/or Member States representatives:Not Applicable
- EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Elisa Pettenati, Fabiola Pizzo and Jordi Tarrés

Others:

Not Applicable

#### 1. Welcome and apologies for absence

EFSA welcomed the participants. Apologies were received from Henrik Christensen and Yolanda Sanz.

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





#### 2. Adoption of agenda

The agenda was adopted with changes. Items 4.5, 4.6 and 4.7 were included.

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

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

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

- 4.1. The Working Group discussed the application on L-Valine produced by fermentation with Escherichia coli K12 KCCM 80159 for all animal species (<a href="https://example.com/EFSA-Q-2018-00712">EFSA-Q-2018-00712</a>) and decided to inform the applicant on issues that require clarification.
- 4.2. The Working Group discussed the application on L-glutamine produced by Corynebacterium glutamicum NITE BP-02524 for all animal species (EFSA-2018-00693) and decided to inform the applicant on issues that require clarification.
- 4.3. The Working Group continued the discussion on 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.
- 4.4. The Working Group discussed the application on L-histidine monohydrochloride monohydrate produced by Escherichia coli NITE BP-02526 for all animal species (<a href="https://example.com/EFSA-Q-2018-00782"><u>FFSA-Q-2018-00782</u></a>) and decided to inform the applicant on issues that require clarification.
- 4.5. The Working Group continued the discussion on the application on L-lysine monohydrochloride and L-lysine sulphate produced by Corynebacterium glutamicum CCTCC M 2015595 for all animal species (<a href="https://example.com/EFSA-Q-2016-00574"><u>FFSA-Q-2016-00574</u></a>) and finalised the characterisation of the production organism section of the draft opinion.
- 4.6. The Working Group discussed the application on ECONASE® XT (endo-1,4-beta-xylanase) for piglets (weaned), chickens for fattening, chickens reared for laying, turkeys for fattening and turkey reared for breeding

<sup>2</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

<sup>&</sup>lt;sup>3</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17.pdf





(<u>EFSA-Q-2018-00824</u>) and decided to inform the applicant on issues that require.

4.7. The Working Group continued the discussion of the application on L-Arginine with Corynebacterium glutamicum KCCM 80182 for all animal species (EFSA-Q-2018-00612) and finalised the characterisation of the production organism and manufacturing process sections of the draft opinion.

#### **5. Any Other Business**

Not Applicable

#### 6. Next meeting(s)

6 March 2019



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

# Minutes of the 3<sup>rd</sup> meeting of the Working Group on Microbiology

Parma, 30-31 January 2019
(Agreed on 31 January 2019)<sup>1</sup>

#### **Participants**

• Working Group Members:

Henrik Christensen, Boet Glandorf, Herman Lieve, Mayo Baltasar, Miguel Prieto Maradona, Maria Saarela and Yolanda Sanz.

Hearing Experts<sup>2</sup>:

Not Applicable

European Commission and/or Member States representatives:

Not Applicable

• EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi, Jaume Galobart, Orsolya Holczknecht, Matteo Inncenti, Paola Manini, Elisa Pettenati, Fabiola, Pizzo, Jordi Tarrés, Frank Verdonck and Maria Vittoria Vettori.

#### 1. Welcome and apologies for absence

Minutes should be published within 15 working days of the final day of the relevant meeting. This provision does not apply to Pesticides Risk Assessment Peer Review meetings, which should follow the steps stated in Article 6 of the Decision of the Executive Director of the European Food Safety Authority concerning Pesticides Risk Assessment Peer Review (http://www.efsa.europa.eu/sites/default/files/corporate publications/files/eddecisionppr.pdf).

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



No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted with changes.

Items 4.9 and 4.10 were included.

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

In accordance with EFSA's Policy on Independence<sup>3</sup> and the Decision of the Executive Director on Competing Interest Management<sup>4,</sup> EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. 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 Working Group continued the discussion on the application on L-Arginine produced with *Corynebacterium glutamicum* KCCM 80182 for all animal species (<u>EFSA-Q-2018-00612</u>) and decided to inform the applicant on issues that require clarification.
- 4.2. The Working Group continued the discussion on the application on L-threonine produced by *Escherichia coli* CGMCC 11473 for all animal species (<u>EFSA-2018-00695</u>) and decided to inform the applicant on issues that require clarification.
- 4.3. The Working Group continued the discussion on the application on L-leucine produced by fermentation with *Escherichia coli* (NITE BP-02351) as a feed additive for all animal species- (<u>EFSA-Q-2018-00548</u>) and decided to inform the applicant on issues that require clarification.
- 4.4. The Working Group discussed the application on L-cysteine monohydrochloride monohydrate by fermentation with *Escherichia coli* KCCM 80180 and *Escherichia coli* KCCM 80181 for all animal species (<u>EFSA-Q-2018-00552</u>) and decided to inform the applicant on issues that require clarification.
- 4.5. The Working Group continued the discussion on the application on ELANCOBAN® G200 (monensin sodium) for chickens for fattening,

http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate publications/files/competing interest management 17. pdf



- chickens reared for laying, turkeys (<u>EFSA-Q-2013-00752</u>) and finalised the characterisation of the active agent section of the draft opinion.
- 4.6. The Working Group continued the discussion on the application on ProEquo<sup>®</sup> (*Lactobacillus plantarum* DSM 115 20) for horses (<u>EFSAQ-2017-00023</u>) and finalised the characterisation of the active agent and of the additive sections of the draft opinion.
- 4.7. The Working Group continued the discussion on the application on Cinergy<sup>®</sup> Life (Bacillus HiCon B3 amyloliquefaciens **AGTP** BS918/NRRL B-50508, Bacillus amyloliquefaciens **AGTP** BS1013/NRRL B-50509, Bacillus subtilis AGTP BS3BP5/NRRL B-50510) for pigs for fattening and minor porcine species (EFSA-Q-2017-00746) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 4.8. The Working Group continued the discussion on the application on Bafasal<sup>®</sup> (preparation four of bacteriophages infecting *Salmonella enterica* ser. Gallinarum 1) for all avian species (<u>EFSA-Q-2017-00724</u>) and decided to inform the applicant on issues that require clarification.
- 4.9. The Working Group discussed the application on *Bacillus licheniformis* DSM 32457 as a silage additive for all animal species (<u>EFSA-Q-2018-00690</u>) and decided to inform the applicant on issues that require clarification.
- 4.10. The Working Group continued the discussion on the application/draft opinion on Probion Forte® (*Bacillus subtilis* KCCM 10941P and *Bacillus coagulans* KCCM 11093P) for laying hens, chickens for fattening and chickens reared for laying (<u>EFSA-Q-2018-00993</u>) and decided to present the draft document, modified accordingly, to the plenary meeting.
- 4.11. The Working Group discussed the application on L-histidine monohydrochloride monohydrate for other fin fish (<u>EFSA-Q-2018-00546</u>) and decided to inform the applicant on issues that require clarification.
- 4.12. Items not discussed: L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species (<u>EFSA-Q-2018-00507</u>), and PHYZYME® XP 10000 TPT and PHYZYME® XP 10000 L for all avian species and all swine species (<u>EFSA-Q-2018-00516</u>).

#### 5. Any Other Business

The WG discussed two working documents produced by the QPS WG of the BIOHAZ Panel, relevant to the work of this WG.



### 6. Next meeting

20 February 2019



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

# Minutes of the 2<sup>nd</sup> meeting of the Working Group on Microbiology

TELE-conference, 11 January 2019

(Agreed on 11 January 2019)<sup>1</sup>

#### **Participants**

Working Group Members:<sup>2</sup>

Boet Glandorf, Herman Lieve, Mayo Baltasar and Maria Saarela.

Hearing Experts<sup>3</sup>:

Not Applicable

European Commission and/or Member States representatives:
 Not Applicable

• EFSA:

Feed Unit: Rosella Brozzi, Montserrat Anguita and Elisa Pettenati

#### 1. Welcome and apologies for absence

No apologies were received.

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<sup>&</sup>lt;sup>1</sup> Minutes should be published within 15 working days of the final day of the relevant meeting. This provision does not apply to Pesticides Risk Assessment Peer Review meetings, which should follow the steps stated in Article 6 of the Decision of the Executive Director of the European Food Safety Authority concerning Pesticides Risk Assessment Peer Review (<a href="http://www.efsa.europa.eu/sites/default/files/corporate">http://www.efsa.europa.eu/sites/default/files/corporate</a> publications/files/eddecisionppr.pdf).

Indicate first full name and then surname (John Smith) all throughout the document.

<sup>&</sup>lt;sup>3</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <a href="http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf">http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf</a>.



#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group continued the discussion on the application on L-Tryptophan produced by fermentation with Escherichia coli K12 KCCM 80152 for all animal species (<u>EFSA-Q-2017-00693</u>) to inform the applicant on issues that require clarification.
- 4.2. The Working Group continued the discussion on the application on L-Tryptophan produced by fermentation with Escherichia coli K12 KCCM 80135 (<u>EFSA-Q-2017-00542</u>) and decided to inform the applicant on issues that require clarification.
- 4.3. The Working Group continued the discussion on the application on L-Threonine produced by fermentation with *Corynebacterium glutamicum* KCCM 80118 (<u>EFSA-Q-2018-00084</u>) and decided to present the draft opinion, modified accordingly, at the plenary meeting.
- 4.4. The Working Group continued the discussion on the application on L-Tryptophan produced by fermentation with Corynebacterium glutamicum KCCM 80176 (EFSA-2018-00451) to inform the applicant on issues that require clarification.
- 4.5. The Working Group continued the discussion on the application on L-tryptophan for all animal species (EFSA-Q-2017-00610) and decided to present the draft opinion, modified accordingly, at the plenary meeting.

<sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate publications/files/policy independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_1\_7.pdf



4.6. The following items were not discussed: L-leucine produced using strain NITE BP-02351 for all animal species (<u>EFSA-Q-2018-00548</u>) and L-histidine monohydrochloride monohydrate for other fin fish (<u>EFSA-Q-2018-00546</u>).

#### 5. Next meeting(s)

30-31 January 2019



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

# Minutes of the 1<sup>st</sup> meeting of the Working Group on Microbiology

# TELE-conference, 11 December 2018 (Agreed on 11 December 2018)<sup>1</sup>

#### **Participants**

• Working Group Members:<sup>2</sup>

Boet Glandorf, Lieve Herman, Baltasar Mayo and Maria Saarela.

Hearing Experts<sup>3</sup>:

Not Applicable

European Commission and/or Member States representatives:
 Not Applicable

• EFSA:

Feed Unit: Montserrat Anguita, Rosella Brozzi and Elisa Pettenati.

#### 1. Welcome and apologies for absence

The EFSA representative welcomed the participants to the first meeting of the Working Group on Microbiology of the FEEDAP Panel.

<sup>&</sup>lt;sup>1</sup> Minutes should be published within 15 working days of the final day of the relevant meeting. This provision does not apply to Pesticides Risk Assessment Peer Review meetings, which should follow the steps stated in Article 6 of the Decision of the Executive Director of the European Food Safety Authority concerning Pesticides Risk Assessment Peer Review (<a href="http://www.efsa.europa.eu/sites/default/files/corporate">http://www.efsa.europa.eu/sites/default/files/corporate</a> publications/files/eddecisionppr.pdf).

<sup>&</sup>lt;sup>2</sup> Indicate first full name and then surname (John Smith) all throughout the document.

<sup>&</sup>lt;sup>3</sup> As defined in Article 17 of the Decision of the Executive Director concerning the selection of members of the Scientific Committee, the Scientific Panels, and the selection of external experts to assist EFSA with its scientific work: <a href="http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf">http://www.efsa.europa.eu/en/keydocs/docs/expertselection.pdf</a>.



No apologies were received.

#### 2. Adoption of agenda

The agenda was adopted without changes.

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

In accordance with EFSA's Policy on Independence<sup>4</sup> and the Decision of the Executive Director on Competing Interest Management<sup>5</sup>, EFSA screened the Annual Declarations of Interest filled out by the Working Group members invited to the present meeting. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

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

- 4.1. The Working Group continued the discussion on the draft opinion on L-tryptophan, technically pure produced by Escherichia coli CGMCC 7248 for all animal species (<u>EFSA-Q-2017-00485</u>) and decided to present the draft opinion, modified accordingly, at the plenary meeting.
- 4.2. The Working Group discussed the application on Natugrain TS and TSL for piglets (weaned), laying hens, chickens for fattening, chickens reared for laying, turkeys for fattening, turkeys reared for breeding, turkeys for breeding purposes, ducks for fattening, all minor avian species for laying, minor poultry species for fattening (other than ducks for fattening), and ornamental birds (EFSA-Q-2018-00417) and decided to inform the applicant on issues that require clarification.
- 4.3. The Working Group discussed the application on PHYZYME® XP 10000 TPT and PHYZYME® XP 10000 L for all avian species and all swine species (<u>EFSA-Q-2018-00516</u>) and decided to inform the applicant on issues that require clarification.
- 4.4. The Working Group discussed the application on L-lysine monohydrochloride and concentrated liquid L-lysine (base) for all animal species (EFSA-Q-2018-00507) and decided to inform the applicant on issues that require clarification.

<sup>&</sup>lt;sup>4</sup> http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/policy\_independence.pdf

http://www.efsa.europa.eu/sites/default/files/corporate\_publications/files/competing\_interest\_management\_1\_7.pdf



- 4.5. The Working Group discussed the application on L-Arginine produced with *Corynebacterium glutamicum* KCCM 80182 for all animal species (<u>EFSA-Q-2018-00612</u>) and decided to inform the applicant on issues that require clarification.
- 4.6. The Working Group continued the discussion on the application on L-Tryptophan produced by fermentation with *Escherichia coli* K12 KCCM 80152 for all animal species (<u>EFSA-Q-2017-00693</u>) and decided to inform the applicant on issues that require clarification.
- 4.7. The Working Group continued the discussion on the application on L-Tryptophan produced by fermentation with *Corynebacterium glutamicum* KCCM 80176 (<u>EFSA-Q-2018-00451</u>) and decided to to inform the applicant on issues that require clarification.
- 4.8. The Working Group continued the discussion on the application on L-Histidine monohydrochloride monohydrate (feed grade) produced by fermentation with *Corynebacterium glutamicum* KCCM 80172 (EFSA-Q-2018-00438) and decided that further discussion is needed.
- 4.9. The following items were not discussed: and L-Threonine produced by fermentation with *Corynebacterium glutamicum* KCCM 80118 (<u>EFSA-Q-2018-00084</u>) and L-Tryptophan produced by fermentation with *Escherichia coli* K12 KCCM 80135 (<u>EFSA-Q-2017-00542</u>).

#### 5. Any Other Business

#### 6. Next meeting(s)

11 January 2019