

24/25/26 June 2025

14:00-17:30/09:00-17:00/09:00-13:00

MINUTES - Agreed on 26th June 2025

Location: Teleconference

Attendees:

○ Panel Members:

José Manuel Barat Bavieria, Francesco Catania, Gabriele Gadermaier, Ralf Greiner, Baltasar Mayo, Alicja Mortensen, Yrjö Roos, Hendrik van Loveren, Laurence Vernis, Holger Zorn (Chair)

○ Hearing Experts¹:

Not Applicable

○ European Commission and/or Member States representatives:

EC: Jiri Sochor

○ EFSA:

Food Ingredients and Packaging (FIP) Unit: Jaime Aguilera, Magdalena Andryszkiewicz, Laura Cabo Sanmartin, Daniele Cavanna, Valeriu-Georghe Curtui, Ana Criado, Cristina Fernández-Fraguas, Ana Gomes, Natalia Kováčová, Yi Liu, Simone Lunardi, Alexia Ollier, Jeroen Pasch, Silvia Peluso, Valentina Tokić

○ Others:

Eleonora Marini participated as ISA (Individual Scientific Advisor)

1. Welcome and apologies for absence

The Chair welcomed the participants.

Apologies were received from Claudia Bolognesi and from Marize De Lourdes Marzo Solano for the entire Panel

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Panel members

In accordance with EFSA's Policy on Independence² and the Decision of the Executive Director on Competing Interest Management³, EFSA screened the Annual Declarations of Interest filled out by the Panel members invited to the present meeting and the preparatory meetings listed under agenda item "Preparatory meeting/s with Risk Assessment". No Conflicts of Interest related to the issues discussed in these meetings have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

¹ As defined in Article 34 of the document "Implementing Rule of the Management Board of the European Food Safety Authority laying down the rules on the selection, appointment and operations of the Scientific Committee, Scientific Panels and of their Working Groups": <https://www.efsa.europa.eu/sites/default/files/paneloperation.pdf>

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

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



4. Agreement of the minutes of the 10th FEZ Panel Plenary meeting held on 20-21 May 2025

The minutes of the 10th Panel plenary meeting were agreed by written procedure on 21st May 2025.

5. Report on written procedure

No written procedures to report.

6. Scientific outputs submitted for discussion/adoption

6.1 AMP deaminase from *A. melleus* (AE-DN) ([EFSA-Q-2014-00326](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.2 Alpha-amylase from a genetically modified *Bacillus licheniformis* strain DP-Dzb106 as a new food enzyme ([EFSA-Q-2024-00067](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.3 Alpha-amylase from a genetically modified *Bacillus licheniformis* strain DP-Dzb105 as a new food enzyme ([EFSA-Q-2024-00087](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.4 Asparaginase from a non-genetically modified *Saccharomyces cerevisiae* strain Acrylow™ (ARY-1) as a new food enzyme ([EFSA-Q-2023-00656](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.5 Asparaginase from a non-genetically modified *Saccharomyces cerevisiae* strain Acryleast™ Pro (ARY-2) as a new food enzyme ([EFSA-Q-2024-00076](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.6 Extension of use of the food enzyme bacillolysin from a non-genetically modified *Bacillus amyloliquefaciens* strain AGS 430 ([EFSA-Q-2025-00225](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously endorsed, subject to the incorporation of editorial changes as suggested during the meeting.



6.7 Aspergillopepsin I from a non-genetically modified *Aspergillus oryzae* strain AE-PRHF as a new food enzyme ([EFSA-Q-2024-00205](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.8 Triacylglycerol lipase from a genetically modified *Komagatella phaffii* strain DSM34125 as a new food enzyme ([EFSA-Q-2024-00083](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.9 Aminopeptidase Y from a genetically modified *Trichoderma reesei* strain DP-Nyf80 as a new food enzyme ([EFSA-Q-2024-00089](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.10 Chymosin from a genetically modified *Trichoderma reesei* strain DP-Nyj88 as a new food enzyme ([EFSA-Q-2023-00907](#))

Not discussed due to lack of time.

6.11 Extension of use of the food enzyme beta-galactosidase from a genetically modified *Aspergillus niger* strain TOL ([EFSA-Q-2024-00637](#))

The FEZ Panel discussed all parts of the draft opinion. The opinion was unanimously adopted, subject to the incorporation of editorial changes as suggested during the meeting.

6.12 Subtilisin from a genetically modified strain of *Bacillus subtilis* (DP-Ezx62) ([EFSA-Q-2016-00174](#))

Not discussed due to lack of time.

6.13 Phospholipase D from *Streptomyces netropsis* (DSMZ No.40093) ([EFSA-Q-2016-00536](#))

Not discussed due to lack of time

7. Other scientific topics for information/discussion

None

8. Update on new Mandates

None

9. Feedback from the Scientific Committee/ Scientific Panels/EFSA/ EC



9.1 Scientific Committee

Not applicable

9.2 European Commission

Not applicable

9.3 Scientific Panel(s) including their Working Groups

Not applicable

10. Any other business

The FEZ Panel created a Working Group (WG) to deliver the self-task mandate (M2025-00067) for phasing out the repeated 90-day oral toxicity studies in rodents in the regulatory approval of food enzymes. The panel member, Alicja Mortensen, was appointed as the Chair of this WG. She accepted the nomination. Membership of the WG, including experts and EFSA staff was communicated. The mandate will last one year, and the kick-off meeting is planned in September.

After one-year of onboarding, the FEZ Panel will create three Working Groups (WG) to continue the preparation of scientific opinions for the evaluation of food enzyme applications submitted under the Regulation (EC) No 1332/2008. Three panel members were appointed as the WG chairs: Laurence Vernis for the WG on microorganism characterization, José Manuel Barat Baviera for the WG on food enzyme characterization and dietary exposure, Hendrik van Loveren for the WG on toxicological evaluation. They accepted the nomination. Initially these WG will consist of FEZ panel members; upon needs, additional external experts may be added in the future.

11. Preparatory meeting/s with Risk Assessment

Since the last FEZ Plenary meeting, five preparatory meetings chaired by EFSA staff were held as follows.

11.1 Preparatory meeting on Allergenicity, 20th of June from 14.00 to 18.00

11.1a Attendees:

- o FEZ Panel Members:
Gabriele Gadermaier, Hendrik van Loveren
- o EFSA:
Food Ingredients and Packaging (FIP) Unit: Magdalena Andryszkiewicz, Cristina Fernàndez-Fraguas, Silvia Peluso (chair), Alexia Ollier

11.2 Preparatory meeting on dietary exposure, 13th of June from 14.00 to 18.00

11.2a Attendees:

- o FEZ Panel Members:
José Manuel Barat Baviera, Ralf Greiner, Holger Zorn, Yrjö Roos
- o EFSA:
Food Ingredients and Packaging (FIP) Unit: Daniele Cavanna (chair), Yi Liu, Maria Chiara Sicuri, Valentina Tokić, Jeroen Pasch, Alexia Ollier, Daniele Volpi

11.3 Preparatory meeting on toxicology , 19th of June from 09.00 to 13.00

11.3a Attendees:



o FEZ Panel Members:

Claudia Bolognesi, Alicja Mortensen, Marize De Lourdes Marzo Solano, Hendrik van Loveren

o EFSA:

Food Ingredients and Packaging (FIP) Unit: Ana Criado (chair), Natalia Kovalkovicova, Valentina Tokić, Daniele Volpi

11.4 Preparatory meeting on technology, 19th of June from 09.00 to 13.00

11.4a Attendees:

o FEZ Panel Members:

José Manuel Barat Baviera, Ralf Greiner, Holger Zorn

o EFSA:

Food Ingredients and Packaging (FIP) Unit: Magdalena Andryszkiewicz, Cristina Fernàndez-Fraguas (chair), Jeroen Pasch, Valentina Tokić

11.5 Preparatory meeting on microbiology, 19th of June from 09.00 to 13.00

11.5a Attendees:

o FEZ Panel Members:

Baltasar Mayo, Laurence Vernis

o EFSA:

Food Ingredients and Packaging (FIP) Unit: Jaime Aguilera, Yi Liu, Simone Lunardi, Silvia Peluso (chair)

11.6 Discussion points

Different sections of a draft opinion were discussed in the respective preparatory meetings. The combined outcome is reported below.

11.6.1 Lysozyme from albumen of hens' egg (*Gallus gallus domesticus*) as a new food enzyme ([EFSA-Q-2024-00309](#))

The involved experts discussed the draft scientific opinion and will continue the discussion at the next available FEZ Panel meeting

11.6.2 Extension of use of the food enzyme beta amylase from barley (*Hordeum vulgare*) ([EFSA-Q-2024-00527](#))

The involved experts discussed the draft opinion and concluded that additional information is required in order to proceed with the safety assessment of this food enzyme. A request for additional information will be sent to the applicant.

11.6.3 Protease A. oryzae - data package HBI Enzymes Inc. ([EFSA-Q-2022-00861](#))



The involved experts discussed the draft scientific opinion and will continue the discussion at the next available FEZ Panel meeting.

11.6.4 Subtilisin from a genetically modified strain of *Bacillus subtilis* (DP-Ezx62) (EFSA-Q-2016-00174)

The involved experts discussed the draft opinion and concluded that additional information is required in order to proceed with the safety assessment of this food enzyme. A request for additional information will be sent to the applicant.

12. Next meeting

The next meeting will be held on 11-12 September 2025, via teleconference.