

11-12 February 2025
09:15-17:15/ 09:15-17:15
MINUTES (Agreed on 12th February 2025)

Location: Parma/Teleconference

Attendees:

- FEZ Panel Members:
José Manuel Barat Baviera, Claudia Bolognesi, Francesco Catania, Gabriele Gadermaier, Ralf Greiner, Baltasar Mayo, Alicja Mortensen, Yrjö Roos, Marize De Lourdes Marzo Solano, Monika Sramkova, Hendrik van Loveren, Laurence Vernis, Holger Zorn (Chair)
- ISA Expert: Eleonora Marini
- European Commission: Catherine Evrevin
- 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 Kovalkovicova, Yi Liu, Simone Lunardi, Alexia Ollier, Jeroen Pasch, Silvia Peluso, Maria Chiara Sicuri, Valentina Tokić, Daniele Volpi, Salvatore Multari, Gabriela Precup
- FPA partners¹ (on the 12th of February for agenda item 6.9):
Agnieszka Podolska-Charley, Ana Sancho Vega, Annette Bernhard, Sophie Granier

1. Welcome and apologies for absence

The chair welcomed the participants.

Apologies were received from Henk van Loveren on 11th February from 13.30 to 17.15 and on 12th February from 13.00 to 17.15 and from Alicja Mortensen on 12th February from 13:00 to 17.15.

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. No Conflicts of Interest related to the issues discussed in this meeting have been identified during the screening process, and no interests were declared orally by the members at the beginning of this meeting.

¹ EFSA grant GP/EFSA/FIP/2022/01

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 6th FEZ Panel meeting held on 15-16 January 2025 in Parma

The minutes of the 6th FEZ Panel meeting were agreed on 16th January 2025.

5. Report on written procedure

The FEZ Panel endorsed the scientific opinion on the extension of use of the food enzyme α -L-arabinofuranosidase from a non-genetically modified *Aspergillus niger* strain ARF (EFSA-Q-2024-00209) on 15.01.2025 during the 6th FEZ Plenary meeting. The technical dossier was subject to a public consultation (PC- 1270) from 07.01.2025 to 28.01.2025 and no comments were received. Subsequently, the scientific opinion was unanimously adopted by the FEZ Panel on 09.02.2025 via written procedure.

6. Scientific outputs submitted for discussion/adoption

6.1 Extension of use of the food enzyme triacylglycerol lipase from a genetically modified *Trichoderma reesei* strain RF10625 [EFSA-Q-2023-00532](#)

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 Invertase from a genetically modified *Trichoderma reesei* strain AR-996 as a new food enzyme [EFSA-Q-2023-00366](#)

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 Endo-1,4-beta-xylanase from a genetically modified *Bacillus subtilis* strain DP-Ezd119 as a new food enzyme [EFSA-Q-2024-0079](#)

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 Protease from a genetically modified *Bacillus subtilis* strain LMG S-25520 as a new food enzyme [EFSA-Q-2023-00303](#)

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 Aspergillopepsin I from *Aspergillus niger* (strain AP 233) [EFSA-Q-2016-00655](#)

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 Glucose oxidase from *Aspergillus tubingensis* strain - data package DSM [EFSA-Q-2023-00238](#)



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.

6.7 Protein-glutaminase from *Chryseobacterium proteolyticum* (strain AE-PG) [EFSA-Q-2015-00695](#)

The FEZ Panel 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.

6.8 Endo-1,4- β -xylanase from a genetically modified *Aspergillus niger* strain XYL as a new food enzyme [EFSA-Q-2023-00522](#)

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 Alternansucrase from a genetically modified *Escherichia coli* strain EBASSC as a new food enzyme [EFSA-Q-2023-00555](#)

The FEZ Panel discussed and finalised the draft scientific opinion. After amendments, the draft opinion will be presented at the next available FEZ plenary meeting for further discussion and possible adoption.

6.10 Pullulanase from a non-genetically modified *Klebsiella pneumoniae* strain AE-PUL as a new food enzyme [EFSA-Q-2023-00567](#)

The FEZ Panel discussed and finalised the draft scientific opinion. After amendments, the draft opinion will be presented at the next available FEZ plenary meeting for further discussion and possible adoption.

6.11 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 and finalised the draft scientific opinion. After amendments, the draft opinion will be presented at the next available FEZ plenary meeting for further discussion and possible adoption.

6.12 Tannase from *Aspergillus oryzae* (strain TAN 206) [EFSA-Q-2016-00534](#)

Not discussed due to the lack of time.

6.13 Acetolactate decarboxylase from a genetically modified *Bacillus subtilis* strain DP-Ezz65 as a new food enzyme [EFSA-Q-2024-00069](#)

Not discussed due to the 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/European Commission

- 9.1 Scientific Committee**
Not applicable
- 9.2 European Commission**
Not applicable
- 9.3 Updates from Panel Working Groups**
Not applicable
- 9.4 Updates from EFSA**
Not applicable

10. AoB

The next FEZ Panel meeting will take place in Parma on 11-13 March 2025.

11. Preparatory meetings with risk assessment

Since the last FEZ Plenary meeting, five preparatory meetings were held as follows.

Declarations of Interest:

In accordance with EFSA's Policy on Independence⁴ and the Decision of the Executive Director on Competing Interest Management⁵, EFSA screened the Annual Declarations of Interest filled out by the Panel members invited to the following meetings. 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 each meeting.

11.1 Preparatory meeting on allergenicity

Time: 7th of February from 09.00 to 12.00

Location: Teleconference

Attendees:

- FEZ Panel Members:

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

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



Gabriele Gadermaier, Hendrik van Loveren

- EFSA:

Food Ingredients and Packaging (FIP) Unit: Magdalena Andryszkiewicz, Cristina Fernàndez-Fraguas, Silvia Peluso (Chair)

11.2 Preparatory meeting on dietary exposure

Time: 06th of February from 11.00 to 13.00

Location: Teleconference

Attendees:

- FEZ Panel Members:

José Manuel Barat Baviera, Ralf Greiner, Holger Zorn, Yrjö Roos

- EFSA:

Food Ingredients and Packaging (FIP) Unit: Daniele Cavanna, Yi Liu (Chair), Maria Chiara Sicuri, Valentina Tokić, Daniele Volpi

11.3 Preparatory meeting on toxicology

Time: 06th of February from 14.00 to 17.00

Location: Teleconference

Attendees:

- FEZ Panel Members:

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

- EFSA:

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

11.4 Preparatory meeting on technical parts of the dossier

Time: 10th of February from 14.00 to 18.00

Location: Teleconference

Attendees:

- FEZ Panel Members:

José Manuel Barat Baviera, Ralf Greiner, Holger Zorn

- EFSA:

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

11.5 Preparatory meeting on molecular characterization

Time: 5th of February from 14.00 to 18.00



Location: Teleconference

Attendees:

- FEZ Panel Members:
Baltasar Mayo, Laurence Vernis
- EFSA:
Food Ingredients and Packaging (FIP) Unit: Jaime Aguilera (Chair), Yi Liu, Simone Lunardi, Silvia Peluso, Ana Gomes, Daniele Volpi

11.6 Outcome

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

11.6.1. Peptidase from *Aspergillus sojae* strain DAP 19-109 - data package Shin Nihon Chemical Co., Ltd. ([EFSA-Q-2023-00247](#))

The involved experts discussed and finalised the draft scientific opinion. After amendments, the draft opinion will be presented at the next available FEZ plenary meeting for further discussion and possible adoption.

11.6.2. Follow-up for endo-1,3(4)- β -glucanase from non-GM *Cellulosimicrobium funkei* strain AE-TN ([EFSA-Q-2024-00086](#))

The involved experts discussed and finalised the draft scientific opinion. After amendments, the draft opinion will be presented at the next available FEZ plenary meeting for further discussion and possible adoption.

11.6.3. Glucosyltransferase from a genetically modified *Bacillus subtilis* strain DP-Eyr116 as a new food enzyme ([EFSA-Q-2024-00264](#))

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.

11.6.4. Alpha amylase from a genetically modified *Bacillus licheniformis* strain CCTCC M 2023118 as a new food enzyme ([EFSA-Q-2024-00524](#))

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.

11.6.5. Transglutaminase from a genetically modified *Bacillus licheniformis* strain NZYM-TR as a new food enzyme ([EFSA-Q-2024-00545](#))

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.



11.6.6. Triacylglycerol lipase from a non-genetically modified *Burkholderia stagnalis* strain PL266-QLM as a new food enzyme ([EFSA-Q-2024-00084](#))

The involved experts discussed and finalised the draft scientific opinion. After amendments, the draft opinion will be presented at the next available FEZ plenary meeting for further discussion and possible adoption.

11.6.7. Alpha amylase from a non-genetically modified *Bacillus licheniformis* strain TTME 6280 KY as a new food enzyme ([EFSA-Q-2024-00216](#))

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.

11.6.8. Dextranucrase from a genetically modified *Bacillus subtilis* strain DP-Eyp97 as a new food enzyme ([EFSA-Q-2024-00208](#))

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.
