

SCIENTIFIC PANEL ON FOOD ENZYMES (FEZ) 1st FEZ Panel meeting



2-4 July 2024

14:30-18:00 / 09:00-18:00 / 09:00-13:00

MINUTES (Agreed on 15/07/2024)

Location: EFSA, Parma

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
- European Commission:
Catherine Evrevin, Jiri Sochor
- Hearing Experts (item 7.11 under grant GP/EFSA/FIP/2022/01):
Sophie Granier, Veronika Plichta, Agnieszka Podolska-Charlery
- EFSA:
Food Ingredients and Packaging (FIP) Unit: Jaime Aguilera, Magdalena Andryszkiewicz, Laura Cabo Sanmartin, Daniele Cavanna, Valeriu-Georghe Curtui, Ana Criado, Roos Anna de Nijs, Cristina Fernández-Fraguas, Arianna Gallo, Natalia Kovalkovicova, Yi Liu, Simone Lunardi, Eleonora Marini, Silvia Peluso, Valentina Tokic.

1. Welcome and apologies for absence

Panel Coordinator welcomed the participants.
No apologies were received.

2. Adoption of agenda

The agenda was adopted without changes.

3. Declarations of Interest of Panel 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 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.

4. Tour de table

¹ http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/policy_independence.pdf

² http://www.efsa.europa.eu/sites/default/files/corporate_publications/files/competing_interest_management_17.pdf



EC representatives, Panel experts and EFSA staff members introduced themselves to the other meeting attendants.

5. Work program of the FEZ Panel

The team leader of the Food Enzyme team introduced the work program of the FEZ Panel for the next five years. Speed of the dossier evaluation without compromising the scientific quality is the top priority of the FEZ Panel.

The panel experts and the staff team reviewed the workflow of the Enzyme WG that was established under the CEP Panel (2018-2024). Having considered the efficiency baseline of the past two years, areas of expertise needed for enzyme dossier evaluation and composition of panel members, it is agreed to discontinue the Enzyme WG. It is also agreed that the FEZ Panel will carry out all activities for the dossier evaluation, and this decision will be reviewed in a year time.

6. Election of Chair and Vice-Chairs of the Panel

Panel members elected Holger Zorn as the chair of the FEZ Panel. Laurence Vernis and José Manuel Barat Baviera were elected as vice-chairs.

7. Scientific outputs submitted for discussion and possible adoption

7.1 Guidance update: Food manufacturing processes and technical data used in the food enzyme intake model (FEIM) [EFSA-Q-2023-00039](#), [EFSA-Q-2018-00086](#), [EFSA-Q-2023-00521](#)

Following the publication of input data for 40 food manufacturing processes in July 2023, in September EFSA began to develop the FEIM webtool and released the prototype for remote testing to registered beta testers from 26 February to 18 March 2024. An enhanced version was discussed with the beta testers in in-person on 14 May 2024³, where comments were collected to further improve the user experience. In this plenary meeting, EFSA presented the FEIM web tool that is ready for release.

The Panel agreed to update the exposure guidance to reflect its release. The updated guidance was adopted unanimously and will be re-published. The FEIM webtool will be released in July 2024 for external use together with a user manual. EFSA will also release the codes of the software for open access.

7.2 Triacylglycerol lipase from the non-genetically modified *Candida cylindracea* strain AE-LAYH ([EFSA-Q-2014-00113](#))

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.

7.3 Lysophospholipase from the genetically modified *Trichoderma reesei* strain DP-Nyc81 ([EFSA-Q-2023-00449](#))

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.

³ The information is available at <https://www.efsa.europa.eu/en/events/food-enzyme-exposure-tool-call-expression-interest>



7.4 Glucan 1,4- α -maltohydrolase from the genetically modified *Saccharomyces cerevisiae* strain LALL-MA+ ([EFSA-Q-2023-00533](#))

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.

7.5 Protease from the non-genetically modified *Geobacillus stearothermophilus* strain AE-TP _Extension of use ([EFSA-Q-2023-00003](#))

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.

7.6 Protease from the non-genetically modified *Aspergillus melleus* strain AE-P _Extension of use ([EFSA-Q-2023-00006](#))

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.

7.7 Alpha-amylase from the non-genetically modified *Cellulosimicrobium funkei* strain AE-AMT_2nd Extension of use ([EFSA-Q-2023-00663](#))

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.

7.8 Triacylglycerol lipase from the non-genetically modified *Rhizopus oryzae* strain AE-TL _Extension of use ([EFSA-Q-2023-00370](#))

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.

7.9 Triacylglycerol lipase from a non-genetically modified *Aspergillus niger* strain AE-L _Extension of use ([EFSA-Q-2023-00557](#))

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.

7.10 Pullulanase from the non-genetically modified *Pullulanibacillus naganensis* strain AE-PL _Extension of use ([EFSA-Q-2023-00662](#))

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.

7.11 Beta-galactosidase from the genetically modified strain of *Bacillus licheniformis* strain DSM 34099 ([EFSA-Q-2023-00443](#))

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.

8. Feedback from the Scientific Committee/Scientific Panels/CEP Working Groups/EFSA/European Commission

8.1 Scientific Committee

Not applicable

8.2 European Commission

Not applicable



8.3 Updates from Panel Working Groups

Not applicable

8.4 Updates from EFSA

Not applicable

9. AoB

The next FEZ Panel meeting will take place online from 18 to 19 September 2024.