



European Plant Science Organisation
<https://epsoweb.org>

Announcement

Combining different approaches to reach the food and nutritional security goal and reduce the environmental impact of agri-food chains

**5th Workshop of the Nutritional Security Working Group
Milan, Italy, 2025**

24.10.2024

Scope of the workshop

Access to healthy and nutritious food at reasonable prices for all Europeans is crucial to promote an active and healthy ageing and the transition to new more sustainable food systems.

Geopolitical conflicts, climate changes and related extreme weather conditions have evidenced the fragility of global food and nutritional security including the EU area. It was estimated that in 2022 more than 8% of EU citizens could not afford a meal of quality. This percentage is significant higher (20%) for household at poverty risk (with an income lower than 60% of the national median). Households with dependent children, especially single parents, women, elderly and young adults are at higher risk of poverty than other types of households.

In this context, the EPSO 'Nutritional Security' Working Group aims to discuss and contribute to defining new paths and solutions for more nutritious and sustainable production systems using innovative solutions in the food and nutrition area.

Program under development

Main Sessions (to be confirmed)

- Combining genetic improvement & agronomic practices to increase yield and nutritional value
Inspirational talks (1 or 2, 20 min each)
Selected talks (10 min each)
General discussion (15 min)
- New sources of high nutritional value proteins (i.e. from legumes, pseudo-cereals, aquatic plants, micro-algae).

Inspirational talks (1 or 2, 20 min each)

- Contributions from Nutritional Security R&I to the Horizon Europe orientations (cluster 6) & respective opportunities in the last three years and beyond (FP10)
Inspirational talk by a colleague from the European Commission (20 min)
General discussion (15 min)
- Bio-compounds from agri-food and marine wastes.
Inspirational talks (1 or 2, 20 min each)
Selected talks (10 min each)
General discussion (15 min)
- New foods/supplements specifically designed for specific consumer groups (elderly, patients with certain chronic diseases).
Inspirational talks (1 or 2, 20 min each)
Selected talks (10 min each)
General discussion (15 min)

In addition to our sessions with talks, we plan to include a poster session to facilitate interactions/discussions.

Please let us know if you have any other potential topics. It would be great if you, and/or one of your colleagues would like to give an inspirational talk about any of these topics or propose yourself for a talk.

We aim to organise four scientific sessions according the thematic focuses proposed by participants.

Registration

Confirm your participation by sending an email with your registration (name, institution, research field, preferred session of the meeting) and the title of your talk or poster.

Registration deadline: **tba**

Registration should be made by email to:

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The organisers

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EPSO Nutritional Security Working Group <https://epsoweb.org/working-groups/nutritional-security/>

About EPSO

EPSO, the European Plant Science Organisation, is an independent academic organisation that represents around 200 research institutes, departments and universities from 31 countries, mainly from Europe. EPSO's mission is to improve the impact and visibility of plant science in Europe. <https://epsoweb.org> | EU Transparency Register Number 38511867304-09