



21st EURO FED LIPID CONGRESS AND EXPO

and ISF lecture series 

Hosted by

BENELUX LIPID NETWORK

**From emerging
lipid science to
innovations in
industry and its
impact on daily life**

CALL FOR PAPERS

12 – 15 September 2027
Rotterdam - The Netherlands



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CALL FOR PAPERS

The Scientific Committee warmly invites abstracts for **oral communications** (20 min incl. discussion) and **poster presentations**. We actively seek contributions that advance **cutting-edge science** across all lipid-related disciplines. Equally, and intentionally, the programme will make room for presentations on **industrial applications, scale-up, and real-world feasibility** — addressing both technical implementation and commercial or business viability. Contributions that bridge the gap between laboratory insight and industrial practice are especially encouraged.

The congress will again be accompanied by the **ISF Lecture Series**, bringing together a global international audience of academic researchers, industry scientists, process engineers, and business professionals. This unique mix makes Rotterdam 2027 an ideal platform to share work that speaks to both the scientific community and the sector at large.

The session topics and subtopics listed below are **indicative and intended as inspiration**. They reflect the breadth of the congress but do not define its limits — the Committee warmly welcomes submissions on any subject within the wider scope of lipid science, technology, and application.

Submit online at: www.eurofedlipid.org/meetings/rotterdam2027

The deadline for submission of lecture abstracts is: 15 April 2027

Session Topics

- ◆ **Lipid Oxidation and Antioxidants:** Co-oxidation; mechanistic studies in emulsions and frying systems; antioxidant efficacy in processing; plant-derived stabilisers
- ◆ **Olive Oils and Specialty Oils:** Sensory quality; authenticity & traceability; antioxidant implications; extraction & processing innovations
- ◆ **Marine & Microbial Lipids:** Microalgae and seaweed lipids; microbial lipid production
- ◆ **Analytics:** Advanced characterisation; oxidation analytics; authentication & traceability; contaminant monitoring
- ◆ **Health & Nutrition:** Cognitive health; brain–microbiota axis; precision nutrition; newborn nutrition; lipid delivery strategies
- ◆ **Processing:** Green extraction; plant-based proteins; oil refining innovations; contaminant mitigation; enzymatic processing; biofuels
- ◆ **Lipidomics:** Technologies and applications in lipid profiling
- ◆ **Oleochemistry:** Cosmetic oleochemicals; energy transition; polymer recycling; catalysis; functional building blocks; regulatory aspects
- ◆ **Physical Chemistry:** Fat crystallisation; oil structuring; emulsions; confectionery; characterisation methods
- ◆ **New & Traditional Lipid Sources:** Climate-resilient oilseeds; by-products; insect lipids; dairy lipids; emerging microbial sources
- ◆ **Biotechnology:** Biocatalysis, biosynthesis and bioprocesses in lipid production
- ◆ **Oilseed Proteins and Co-products:** Proteins for feed applications; oleosins and other functional seed components

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