



A webinar series from the Nordic Lipidforum

The Nordic Lipidforum proudly presents a webinar on
Lipids in a sustainable society
– can Microbial Lipids be the solution?

Monday 5th of February 2024 – 12:30 -17:00 (CET)



Illustration: GC Rieber VivoMega AS.

ABOUT – on the road to Turku

As a part of our seminar series in the Nordic Lipidforum, we are thrilled to extend an invitation to you for a seminar that delves into the untapped potential of microorganisms as reliable, sustainable, and crucial sources for lipids, often referred to as single-cell lipids. The event is expected to be of significant use for professionals within industry, R&D institutes, authorities, and academia.

In recent years, the quest for sustainable sources of lipids for production of a new generation food, feed and pharma has become paramount, and utilizing microorganisms have emerged as promising avenues, not only in the realm of protein production, but also for production of lipids. This seminar aims to provide a comprehensive understanding of e.g. microalgae, yeast and fungi as invaluable lipid production organisms, with far-reaching implications for various industrial sectors and applications.

The seminar serves as a taste for the upcoming Symposium in Turk between June 9 and 12 2024.

Looking forward to seeing you!

Nordic Lipidforum

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Program

Monday 5th of February

- 12:30 **Introduction and welcome** – Prof. Ingrid Undeland/Sec. Robert Wolff
- 12:40 **Pitching for the 32nd Nordic Lipidforum Symposium in Turku, Finland** – Chair of the board at Nordic Lipidforum, Anna-Maija Lampi

Session I: Yeast

- 12:50 **Oleaginous yeasts for biochemicals, feed and food from low value residues**
Volkmar Passoth - Professor of food biotechnology, SLU, SWE
- 13:30 **Opportunities and challenges with microbial food lipids**
Fiona Småros – Research Scientist at VTT, FIN
- 14:00 **Designer fats for the next generation of sustainable foods**
Florian David – CSO at Melt&Marble, SWE

14:30 Virtual coffee break

Session II: Microalgae

- 14:45 **Selective breeding of microalgae**
Marie Lillehammer, Senior Scientist at NOFIMA, NOR
- 15:20 **Production of high-end omega-3 concentrates from microbial oils**
Kristi Ekrann Aarak, PhD, R&D project manager at GC Rieber VivoMega, NOR

Short break

Session III: Fungi

- 16:00 **Fungal lipids: from screening to production**
Volha Shapaval – Assistant professor at NMBU, NOR
- 16:40 **Discussion & contribution from audience**
- 16:55 **Concluding remarks – end of seminar**

[Register here!](#)



Where: ONLINE

Webinar language: English

Organising committee:

Chair - Prof. Ingrid Undeland: undeland@chalmers.se

Anna-Maija Lampi: anna-maija.lampi@helsinki.fi

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See you all online!

See you all at the 32nd Nordic Lipidforum Symposium 2024 in Tuku, Finland



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