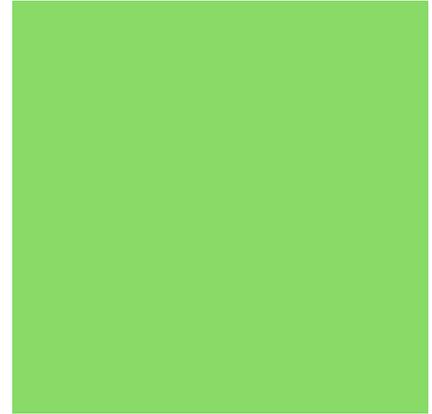
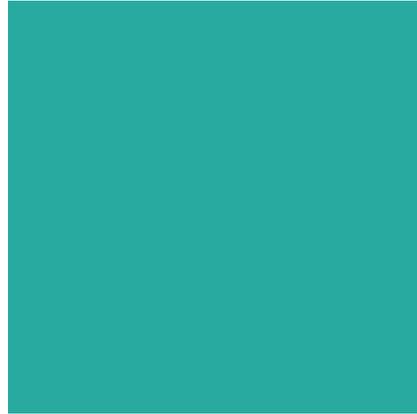
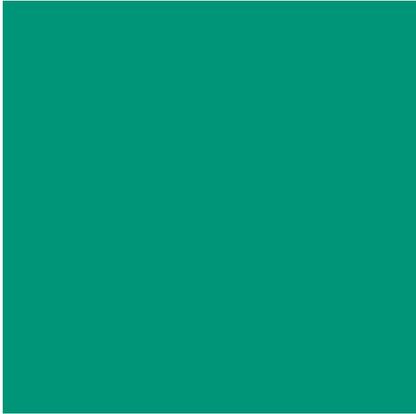
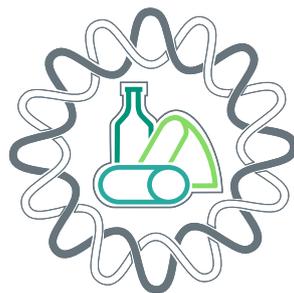


14th International Symposium on Lactic Acid Bacteria



HEALTH, SUSTAINABILITY, DIVERSITY AND APPLICATION

27th to the 31st of August 2023



www.labsymposium.org



Koninklijke
Nederlandse
Vereniging voor
Microbiologie



14th International Symposium on Lactic Acid Bacteria

Forteen Anniversary Edition

The 14th Symposium on Lactic Acid Bacteria will be held in the Congress Centre “Hotel Zuiderduin”, Zeeweg 52 Egmond aan Zee, the Netherlands from August 27th to August 31st, 2023.

The Symposium is organised under the auspices of the Royal Netherlands Society for Microbiology.

Social media:

Twitter: [@LABsymposiumorg](https://twitter.com/LABsymposiumorg)

Facebook www.facebook.com/labsymposium

Website: www.labsymposium.org

Organising Committee:

Prof. Dr Eddy Smid, *President*

Dr. John Chapman, *Secretary*

Dr. Arjen Nauta, *Treasurer*

Prof. Dr. Bas Teusink

Prof. Dr. Sarah Lebeer

Dr. Mariela Serrano

Dr. Anne de Jong

Prof. Egon Bech Hansen

Dr. Herwig Bachmann

Laura van der Parre (ZonderZorg)

The Symposium will start with a Welcome Reception, a Keynote Lecture and a buffet dinner on August 27th at 17.00 h. The official closing will be on August 31st at 13.00 h.

Aim of the Symposium

Lactic Acid Bacteria play important roles in the production of food and feed throughout the world in addition to being used as health-promoting probiotics. The incessant scientific interest in these microorganisms by academic research groups as well as by industry has resulted in many important scientific breakthroughs and has led to new applications. A series of tri-annual symposia on Lactic Acid Bacteria was started in 1983 in order to communicate and stimulate research on Lactic Acid Bacteria and their application. The aim of these state-of-the-art symposia is to offer a unique platform for researchers active in this area of biotechnology, from academia and industry alike, to present recent work, to obtain information on new developments and to exchange views with colleagues from all over the world on scientific progress and applications.

Scientific Programme

The 14th Symposium programme will include:

- 14 invited plenary lectures providing overviews of state-of-the-art developments in five selected scientific areas
- 15 short plenary lectures, selected from the abstracts that cover the most recent advances in LAB research and application
- A thematic session on the role microbes play in plant-based fermentation and a second session to be organised by the Lactic Acid Industrial Platform (LABIP).
- Central in the programme on each day are the poster sessions and selected poster presenters will give poster flash presentations

The scientific areas that will be covered are

[1] Microbial Communities,

[2] Genetics and Genomics,

[3] Fermentation and Metabolism, including the emerging role of LAB fermentation in the protein transition,

[4] Host-Microbe Interactions,

[5] Bacteriophages and Antimicrobials.

Leading scientists from outside the LAB-community have also been included in the Programme to cover important emerging fields.

FEMS Microbiological Reviews will publish a special issue covering the main themes of the symposium.

Poster contributions in all areas of research on Lactic Acid Bacteria, especially on industrial applications, are encouraged.



Keynote Speaker

Prof. Dr. Oscar Kuipers, University of Groningen, The Netherlands

Mode of action, mechanism of biosynthesis and engineering of antimicrobial peptides from LAB and beyond

Confirmed Speakers

Ahmad Zeidan PHD, Chr. Hansen, Denmark

From Genotype to Phenotype: Computational approaches for inferring microbial traits relevant to the food industry

Prof. Dr. Birgitte Kallipolitis, University of Southern Denmark

Antimicrobial & antivirulent fatty acids

Prof. Dr. Colin Hill, University College Cork, Ireland,

After a century of nisin research – where are we now?

Giovanna Felis PHD, Associate Professor Università di Verona, Italy

Biodiversity, taxonomy and the new era of LAB biotechnology

Prof. Dr. Maria Marco, UC Davis, USA

Extracellular electron transfer as a metabolic strategy of lactobacilli

Prof. Dr. Mark Turner, University of Queensland, Australia

Cyclic-di-AMP signalling in lactic acid bacteria

Prof. Dr. Sylvain Moineau, Université Laval, Canada

LAB phages

Mohamed Abou Donia PHD, Associate Professor Princeton University, USA

Title to be determined

Prof. Dr. Frederic Leroy, Vrije Universiteit Brussel, Belgium

Meat fermentation at a crossroad: when the age-old interplay of human, animal, and microbial diversity faces contemporary anxieties

Prof. Dr. Bert Poolman, University of Groningen, The Netherlands

The crowded cytoplasm

Prof. Dr. Jennifer Mahony, University College Cork, Ireland

Phage-host interactions of dairy streptococci

Dr. Sin-Hyeog Im, Pohang University of Science and Technology, South Korea

Effector molecules of LAB in immune stimulation in the GI tract



LAB14 Journal Publication

All invited lecturers are offered the opportunity to contribute to a special issue of the journal FEMS Microbiology Reviews. Guest Editors for this special issue will be Prof. Dr. Eddy Smid, Prof. Dr. Sarah Lebeer and Prof. Dr. Egon Bech Hansen.

LABIP Award

The Lactic Acid Bacteria Industrial Platform will offer an award to a mid-career senior researcher based on outstanding excellence in LAB research with industrial relevance.

Language

The language of the Symposium will be English.

Venue

The Congress Centre “Hotel Zuiderduin” is in an attractive coastal setting near the city of Alkmaar, about one hour by train from Amsterdam Schiphol Airport. Information on reaching “Hotel Zuiderduin” by car, train or bus can be found in the enclosed hotel brochure and on the Symposium website (www.labsymposium.org).

The hotel can accommodate most of the participants and has ample space for lectures and poster exhibitions. It also has indoor and outdoor recreational and sports facilities and it is within walking distance from the North Sea beach.

The number of participants will be limited to 450. In case the number of applicants exceeds this limit, the Organising Committee will prioritize participants presenting a poster.

Social Programme

The complete social programme which is included in the registration fee includes the following events:

- Sunday evening: Welcome reception at Hotel Zuiderduin
- Tuesday afternoon: LABeach run. Don't forget to bring your running gear!
- Wednesday afternoon: Excursions & recreational activities
- Wednesday evening: Congress Dinner. Dinner will be organised for all participants. A party with live music follows the dinner.

More information on the programme and excursions can be found on the website.



Registration and payment

Registration can only be done by completing the registration form found at www.labsymposium.org. The registration fee is all inclusive, and covers participation to the full five day scientific programme, hotel accommodation, dinners, lunches and the social programme.

Registration becomes valid ONLY after receipt of the registration fee, which should be paid before **March 01st, 2023** for early registration and before **August 15th, 2023** for late registration.

Payment is possible by VISA, MasterCard, Paypal, bank payments and iDEAL. Be aware that a surcharge may apply. You will receive a confirmation of registration within 10 days of registration and payment.

For early bird registration the registration form should be sent before **March 01st, 2023**. Registration is open until **August 15th, 2023** at the cost of €150 extra, -provided that rooms are available-.

Abstract submission for a poster can be done until **June 30th 2023** but if you wish to be considered for a short talk, abstracts need to be submitted before **April 30th, 2023**.

Registration fee including hotel accommodation (August 27th - August 31st):

- Single room € 1375 pp (arrangement I)
- Double room (shared) € 1175 pp (arrangement II)
- Registration fee without accommodation € 975 pp (arrangement III)

Registration fee includes:

- Lunch and dinner during all days of the congress
- Participation to the entire scientific programme
- Refreshments during poster sessions.
- Entrance tickets and transportation to excursions
- Transportation to and from congress dinner & party

Further, for arrangements I and II, the registration fee includes a four-night stay including breakfast at Hotel Zuiderduin.

We offer the possibility to book the night before (August 26th) at a reduced rate of €100 pp.

Payment details

Payments should be made within 14 days after the date of the invoice. Please use the following bank details for payments:

IBAN: NL56ABNA0619163550
BIC: ABNANL2A
VAT number: NL8201.11.855.B01

Website

Information on the 14th Symposium on Lactic Acid Bacteria can also be found on our website:

<http://www.labsymposium.org>

Important deadlines

Early registration:	March 01st, 2023
Poster abstracts eligible for short talks:	April 30th, 2023
Poster abstracts:	June 30th, 2023
Registration:	open until August 15th, 2023

Please forward all further correspondence to the Symposium secretariats:

For scientific matters:

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