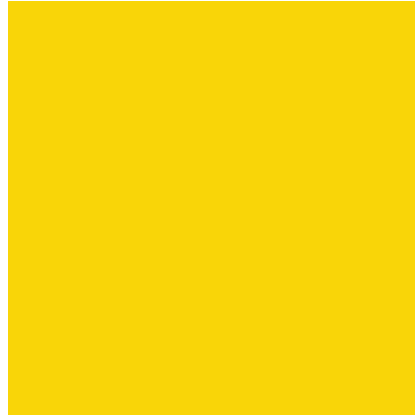


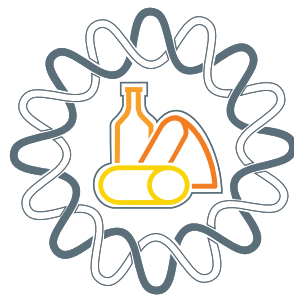
13th International Symposium on Lactic Acid Bacteria



STAY CONNECTED:
HEALTH, SUSTAINABILITY, DIVERSITY AND APPLICATION

Final Circular

Online meeting: August 23-25, 2021



www.labsymposium.org



Koninklijke
Nederlandse
Vereniging voor
Microbiologie



13th International Symposium on Lactic Acid Bacteria



The Symposium is organised under the auspices of the Royal Netherlands Society for Microbiology and the Federation of European Microbiological Societies

Social media:

Twitter: @labsymposiumorg

FB: LABsymposium

Website: <http://www.labsymposium.org>

Organising Committee:

Prof. Dr. Bas Teusink, *President*

Dr. John Chapman, *Secretary*

Dr. Arjen Nauta, *Treasurer*

Prof. Dr. Eddy Smid

Herwig Bachmann

Dr. Mariela Serrano;

Prof. Dr. Oscar Kuipers

Prof. Dr. Sarah Lebeer

Prof. Dr. Sylvain Moineau

Jurrie van Druten, *ZonderZorg*

Laura van der Parre, *ZonderZorg*

The COVID-19 pandemic continues to create so much uncertainty about travel and meeting possibilities, even for the end of August 2021, that the LAB13 organising committee was faced with a huge dilemma. The LAB symposia are characterised by their strong social interactions, and how can we preserve that when it looks like we cannot physically meet?

We felt strongly that the community, especially the PhD students and postdocs, cannot wait any longer to reconnect and interact with the LAB family. Therefore, we decided to go ahead and organize LAB13 in 2021 as an online conference. The focus is as much as possible on live interactions via poster sessions, and online keynote presentations. We hope you will be able to support this decision with your presence at the symposium.

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 13th Symposium programme will include:

- 14 invited plenary lectures providing overviews of state-of-the-art developments in five selected scientific areas,
- 3 short plenary lectures, selected from the abstracts, that cover the most recent advances in LAB research,
- central in the programme each day: the online interactive poster session.

The scientific areas that will be covered are

- [1] Microbial Communities,
- [2] Genetics and Genomics,
- [3] Fermentation and Metabolism,
- [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.

Many keynote speakers contributed a review to the LAB13 special issue of FEMS Microbial Reviews, edited by Bas Teusink, Sylvain Moineau and Oscar Kuipers, which appeared in September 2020; these

invited speakers will provide the most current updates on their exciting research. Plenary lectures will be followed by an on-stage discussion session.

Poster contributions in all areas of research on Lactic Acid Bacteria, especially on industrial applications, are encouraged. We will create a professional interactive online environment for poster viewing, where each poster has its own breakout room - open during the entire conference to accommodate all time zones. Presenters are asked to upload their poster. Additionally, a two-minute poster flash can be uploaded online to promote the work.

INVITED SPEAKERS

Keynote Lecture:

Rodolphe Barrangou (North Carolina State University)

Functions and applications of CRISPR-Cas systems in lactic acid bacteria

MICROBIAL COMMUNITIES

Danilo Ercolini (University of Naples)

Lactic acid bacteria from foods and from probiotic preparations: current knowledge on their link to the gut microbiome

Rachel J Dutton (UCSD)

Genetics, microbial communities and metabolism

FERMENTATION AND METABOLISM

Luc de Vuyst (Brussels University)

Microbial communities in food fermentations

Frank Bruggeman (VU Amsterdam)

Principles of microbial physiology

Michiel Kleerebezem (Wageningen University)

*Growth rate and physiology of *Lactococcus lactis**

GENETICS AND GENOMICS

Lynette Cigelske (Stanford)

Solid state NMR for macromolecular assemblies (e.g. cell wall)

Jörn Piel (ETH Zurich)

Ribosomally synthesised peptides biodiversity

Jinzhong Xiao (Morinaga Milk Industry Co. Ltd)

Genomics and physiology of bifidobacteria

HOST-MICROBE INTERACTIONS

Dennis Nielsen (University of Copenhagen)

Probiotics

Catherine Stanton (APC, Ireland)

Gut microbiome, diet and mood

Beatriz Martinez (Dairy Research Institute IPLA-CSIC, Spain)

Cell wall homeostasis in LAB: insults and defenses

BACTERIOPHAGE AND ANTIMICROBIALS

Christophe Fremaux (DuPont Nutrition and Health)

Dairy lactococcal and streptococcal phage-host interactions: industrial perspective in an evolving phage landscape

Karen Maxwell (Toronto)

Chemical warfare in the phage-host evolutionary arms race

Posters

Poster abstracts should be submitted via the website (www.labsymposium.org) where instructions can also be found. The deadline for submission of abstracts is April 30, 2021, if you wish to be selected for a short talk, or June 30 2021 otherwise. Abstracts should be written in English. The Organising Committee reserves the right to reject poster proposals that do not meet a sufficiently high standard or that are beyond the scope of the Symposium.

Authors will be informed about the acceptance of their posters by July 31 2021 the latest. Instructions for poster uploading, minimal resolution and poster flashes will be provided upon acceptance.

Poster abstracts and posters will be made available on the Symposium website to registered participants only.

PROGRAMME SCHEDULE

All the indicated times are Central European Time (CET)

Monday 23rd of August

14.00 - 14.15	Opening ceremony
14.15 - 14.50	Opening Keynote
14.50 - 15.20	Invited talk 1
15.20 - 15.50	Invited talk 2
15.50 - 16.00	Break
16.00 - 17.00	Posters
17.00 - 17.30	Invited talk 3
17.30 - 18.00	Invited talk 4

Tuesday 24th of August

14.00 - 14.30	Invited talk 5
14.30 - 15.00	Invited talk 6
15.00 - 15.30	Invited talk 7
15.30 - 15.50	Short talk
15.50 - 16.00	Break
16.00 - 17.00	Posters
17.00 - 17.30	Invited talk 8
17.30 - 18.00	Invited talk 9

Tuesday 25th of August

14.00 - 14.30	Invited talk 10
14.30 - 15.00	Invited talk 11
15.00 - 15.30	Invited talk 12
15.30 - 15.50	Short talk
15.50 - 16.00	Break
16.00 - 17.00	Posters
17.00 - 17.20	Short talk
17.20 - 17.50	Invited talk 13
17.50 - 18:00	Award and closing ceremony

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.

Registration and payment

Registration can only be done by completing the registration form on the website (www.labsymposium.org). The early registration fee is **€200 for PhD students and postdocs**, and **€240 for other participants**. The fee includes registration and access to all web content, posters and talks. Early registration must be done **before March 01, 2021**. Registration after that date is possible, up to August 15, 2021 at a cost of **€290**.

Abstracts can be sent after registration, until April 30 2021 if you wish to be selected for a short talk, or until June 30 2021 for a poster.

Registration becomes valid only after receipt of the registration fee, which should be paid **before March 01, 2021 for early registration and before August 15, 2021 for late registration**. Payment is possible by VISA, MasterCard, Paypal, bank payments and iDEAL, a surcharge may be applied.

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 13th Symposium on Lactic Acid Bacteria can also be found on our website:

<http://www.labsymposium.org/>

Important deadlines

Registration fee should be paid

before March 01, 2021 for early registration and before August 15, 2021 for late registration.

Poster abstracts need to be submitted before **April 30, 2021** for selection as a short talk, or before **June 30, 2021** for poster only, via our website.

Please forward all further correspondence to the Symposium secretariats:

For scientific matters:

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