

Ilmac Lausanne 2024

Every two years, the Ilmac industry event at the important Lausanne site is the largest meeting place for the chemical and life science industry in French-speaking Switzerland.

Personal, inspiring, pioneering, exceptional.

- Proximity to pharmaceutical and biotechnology companies
- High-quality community and quality contacts
- Renowned exhibitors from over 20 different industries
- Personal, clear & close
- Catering & networking aperitif included

Ilmac highlights (www.ilmac.ch/en/lausanne/highlights) represent important industry topics in Lausanne in a focused manner.

Ticket and Registration

Get your ticket to enter the fair for free via the following link:

<https://scg.ch/ilmac-ticket>
(promotion code: scs-ilmac24)

There is no additional registration for the Ilmac Conference.

Event Partners



Ilmac Conference

The symposia are intended for participants from academia, expert laboratories and industry and offers an attractive platform to interact with experts and other community members but also with providers of respective instruments and laboratory infrastructure as part of the Ilmac exhibition. The lectures and discussions will be held in English.

Day 1: «Latest Advances in (Semi-) Non-targeted Analysis»

The symposium offers insights into (semi-)non-targeted methods in analytical sciences and their specific applications in food chemistry. Non-targeted analysis (NTA) encompasses a rapidly evolving set of mass spectrometry techniques aimed at characterizing the chemical composition of complex samples, identifying unknown compounds, and/or classifying samples, without prior knowledge regarding the chemical content of the samples.

In recent years non-target-screening has developed from basic research into a promising tool for analytical scientists with a wide range of applications. In the morning session renowned experts show latest advances of these methods in material science, laboratory medicine, water and agricultural research. The afternoon session will focus on specific applications in food chemistry, such as general spectra interpretation, non-target, and semi-non-target contaminant search like PFAS.

Day 2: «Bioalps Forum»

The event is organized in partnership with the Swiss Biotech Association (SBA) and will focus on Lab 4.0 – Latest innovations and outlook in the first session and Artificial Intelligence and Machine Learning applied to drug development in the second session.

Organizing Committee

Hanspeter Andres, METAS
Thomas Gude, Thomas Gude GmbH
Magali Bischof, BioAlps Association
Aditya Yellepeddi, Swiss Biotech Association
Céline Futterknecht, Messe Schweiz/Ilmac
David Spichiger, Swiss Chemical Society
Céline Wittwer, Swiss Chemical Society

<https://ilmac.ch>

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INSPIRING THE FUTURE OF
CHEMISTRY AND LIFE SCIENCES.

Ilmac Lausanne 2024

18.-19. September 2024

Beaulieu Lausanne (Switzerland)

Ilmac Conference 2024

«Latest Advances in (Semi-) Non-targeted Analysis»

«BioAlps Forum»

2 Symposia with keynote and invited lectures as well as startup contributions.

Free ticket on
scg.ch/ilmac-ticket
SCS promo code:
scs-ilmac24



SCS
Swiss Chemical
Society

Wednesday, September 18, 2024 «Latest Advances in (Semi-) Non-targeted Analysis»

- 09.45 Welcome and symposium opening
Presentations from the organising associations
- SCS Division of Analytical Sciences
- SwissFoodChem

Morning Session

Chair: Dr. Hanspeter Andres, METAS

- 10.00 Keynote
Oliver Schmidt, Niedersächsisches Landesamt für Verbraucherschutz und Lebensmittelsicherheit (LAVES)
«Recycled food packaging - Compliance from an authority's perspective»
- 10.45 **Prof. Gavin O'Connor**, TU/PTB Braunschweig
«Challenges in the standardisation of non-targeted quantitative methods of analysis»
- 11.15 Short Break
- 11.30 **Dipl. Ing. Heinz Singer**, Eawag, Dübendorf
«Unmasking the Unknown: Non-target Analysis in the aquatic environment»
- 12.00 **Valeria Leoni, Dr. Gregory Pimentel**, Agroscope
«Non-targeted mass spectrometry in agricultural research: example of the identification of pollen species, and nutritional value of fermented food»
- 12.30 Lunch break



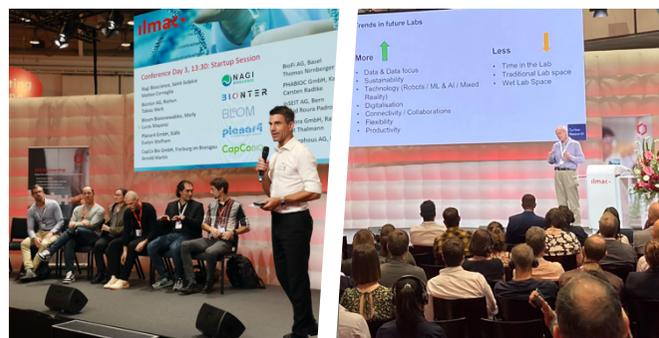
Pics (c): METAS/Eleni Reist

- 13.30 Startup Session: 3min Pitches

Afternoon Session

Chair: Dr. Thomas Gude, SwissFoodChem

- 14.00 Keynote
Dr. Thomas Letzel, Analytisches Forschungsinstitut für Non-Target Screening GmbH, Augsburg
«Mass Spectrometric Non-Target Screening – Interdisciplinary Solutions and Data Handling»
- 14.45 **Dr. Samy Boulos**, ETH Zürich
«High-resolution mass spectrometry to explore the reactivity and health-promoting functions of dietary fibers»
- 15.15 Short Break
- 15.30 **Dr. Alexander Scherl**, Office cantonal de la santé, Service de la consommation et des affaires vétérinaires (SCAV), Genève
«Suspect Screening Food Supplements»
- 16.00 **Dr. Xanthippe Theurillat**, Nestle Research Center, Lausanne
«Broadening the scope of PFAS analysis in food: No compromise in data reliability»
- 16.30 Conclusion, end of the symposium
- 17.00 Ilmac Reception and Aperitif



Pics (c): SCS/Hans Peter Lüthi

Thursday, September 19, 2024 «BioAlps Forum»

Organized in collaboration with the Swiss Biotech Association

- 09.30 Welcome and symposium opening
Presentations from the organising associations
- BioAlps Association
- Swiss Biotech Association

Session 1

Lab 4.0 – Latest innovations and outlook

Chair: Dr. Magali Bischof, BioAlps, Aditya Yellepeddi, SBA

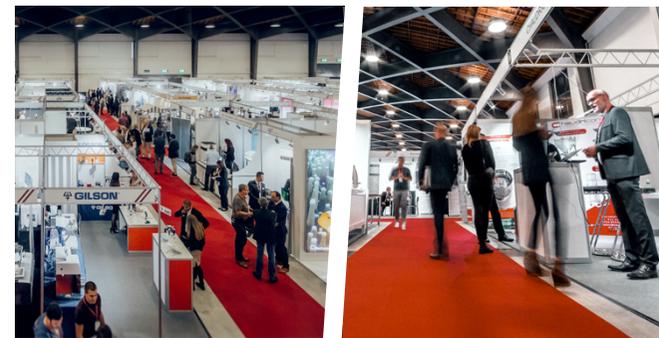
- 09.45 Case studies from key players (industry, startups, research) in lab automation. Showcasing the innovation behind the acceleration of efficiency, sustainability, and precision.

Session 2

Lab 4.0 – Artificial Intelligence and Machine Learning applied to drug development.

Chair: Dr. Magali Bischof, BioAlps, Aditya Yellepeddi, SBA

- 10.45 Case studies from key players (industry, startups, research) developing and making use of AI and ML innovations to optimise and accelerate the drug development.
- 11.30 Networking at the BioAlps & SBA booth
- 12.00 Lunch break
- 13.30 Startup Session: 3min Pitches
- 15.45 Networking at the BioAlps & SBA booth



Pics (c): Ilmac 2002