

Ilmac Lausanne 2026

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

With its promise to "Inspire the Future of Chemistry and Life Sciences," Ilmac promotes the development of new ideas and solutions and presents the latest trends, technologies, and innovations from fields such as laboratory technology, biotech, AI, and robotics.

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- Ilmac Conference
- Startup-Area
- Speakers' Corner
- Job Connect
- Networking Events
- Future of Life Sciences-Area

www.ilmac.ch/en/lausanne/highlights

Ticket and Registration

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

<https://scg.ch/ilmac-ticket>
(promotion code: scs-ilmac26)

There is no additional registration for the Ilmac Conference.

Event Partners



SCS
The Swiss
Chemists' Network
since 1901



Schweizerische Gesellschaft der Verfahrens- und ChemieingenieurInnen
Swiss Process and Chemical Engineers



technology
for society



Western Switzerland
Life Sciences Cluster



Chemie, Life Sciences, Biotechnologie

<https://ilmac.ch>

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: «New approaches and IA in Process Analytical Technology (PAT)»

Process Analytical Technology (PAT), initially proposed by the U.S. Food and Drug Administration in 2004, has since evolved into a broad strategic framework for quality assurance. By enabling real-time analysis and control of critical quality and performance attributes, it is now widely applied not only in the pharmaceutical industry but also in chemistry and biotechnology, ensuring optimal process performance and consistent product quality.

The symposium, organized jointly with Swiss Process and Chemical Engineers (SGVC), will showcase the latest developments in the PAT field, its link to AI and the concrete implementation in production processes.

Day 2: «BioAlps Forum»

The BioAlps Forum brings together key players from research, industry, and innovation to explore the role of biotools in shaping the future of life sciences. From bioconvergence and enabling technologies to advanced therapies, the conference highlights how scientific excellence, collaborative ecosystems, and industrial leadership accelerate the journey from discovery to patient impact. Through keynotes, expert sessions, and startup pitches, the forum offers a full-day perspective on how biotools are transforming research, development, and manufacturing across the life sciences value chain.

With the support of the canton of Vaud, BioAlps co-organised the Forum with Innovaud in partnership with the Swiss Biotech Association.

Organizing Committee

Prof. Michal Dabros, HEIA Fribourg and SGVC
Magali Bischof, BioAlps Association
Dr. François Capel, Innovaud
Dr. Aditya Yellepeddi, Swiss Biotech Association
Céline Futterknecht, Messe Schweiz/Ilmac
David Spichiger, Swiss Chemical Society
Céline Wittwer, Swiss Chemical Society

ilmac.

INSPIRING THE FUTURE OF
CHEMISTRY AND LIFE SCIENCES.

Ilmac Lausanne 2026

23.-24. September 2026

Beaulieu Lausanne (Switzerland)

Ilmac Conference 2026

23.09.2026: «New approaches and IA in
Process Analytical Technology (PAT)»

24.09.2026: «BioAlps Forum»

Free ticket on
scg.ch/ilmac-ticket
SCS promo code:
scs-ilmac26



BioAlps®

INNOVAUD+

Swiss Biotech
Association

SGVC



SCS
The Swiss
Chemists' Network
since 1901

Wednesday, September 23, 2026

«New approaches and IA in Process Analytical Technology (PAT)»

Co-Organized by SCS and SGVC

10.00 Welcome and symposium opening
Prof. Michal Dabros, HEIA Fribourg and SGVC

Morning Session

Chair: David Spichiger, Swiss Chemical Society

- 10.05 Keynote
Prof. Brian Freeland, Dublin City University, Ireland
«PAT-Driven Bioprocess Development for Sustainable Food Systems and Circular Bioeconomy Materials»
- 10.50 **Dr. Winfried Geis**, Sartorius Stedim Biotech GmbH
«Embedding PAT in Bioprocesses: How Hardware Enables AI/ML, Advanced Automation and Process Intensification»
- 11.15 **Dr. Tim Forster**, Takeda Pharmaceuticals
«How modeling and optimization can be applied in the field of PAT»
- 11.40 **Selim Agrebi**, Lonza
«Deploying PAT Across a CDMO: From Feasibility to Routine cGMP Release»
- 12.05 **Q&A Session**
- 12.15 Lunch break

Afternoon Session

Chair: Prof. Michal Dabros, HEIA Fribourg and SGVC

- 13.30 Keynote
Dr. Thomas Vent-Schmidt, Syngenta
«From Science to Value - How to establish a PAT strategy in an organization?»
- 14.15 **Dr. Roman Romero**, dsm-firmenich
«From the lab to the plant. Process analytics at dsm-firmenich»
- 14.40 **Dr. Samd Guizani**, Sanofi-Aventis
«Navigating a Regulatory Framework in Transition»
- 15.05 **Panel Discussion**, Moderated by Prof. Michal Dabros
From PAT to AI-Driven Manufacturing: The Future of on-line Process Analytics
- 15.50 Conclusion, end of the symposium
- 16.00 Aperitif

Thursday, September 24, 2026

«BioAlps Forum»

The Forum is co-organised by BioAlps and Innovaud, in partnership with Swiss Biotech Association (SBA)

- 09.30 Welcome and symposium opening
Presentations from:
- Ilmac Lausanne
- BioAlps Association
- Innovaud (video)
- Swiss Biotech Association (SBA)

Morning Session

- 09.45 Keynote: «Biotools at the Heart of Bioconvergence: From Applied Research to Industrial Adoption»
Dr. Samantha Paoletti, and **Dr. Gilles Weder**, Life Sciences Technologies, CSEM
- 10.15 Session 1: Building the Biotools Ecosystem: Innovation, Challenges and the Road to Market
- **Dr. Clélia Bourgouint**, FluoSphera
- **Dr. Paulina Nowak**, Thermo Fisher Scientific
- **Dr. Roman Chrast**, EPFL Lausanne
- one additional speaker (tba)
- 11.15 Networking at the BioAlps & Innovaud booth
- 12.00 Lunch break

Afternoon Session

- 13.30 Session 2: Engineering the Future: Biotools in Advanced Therapies
- **Dr. Mariana Mainardi Koga**, Bracco
- **Dr. Thomas Eaton**, Limula
- **Prof. Nicola Vannini**, University of Fribourg
- **Elise Gortchacow-Bretton**, Alliance-innovation
- 14.30 Keynote: «From Innovation to Impact: Delivering Cell & Gene Therapies at Scale»
Dr. Marine de Lageneste, Cytiva Life Sciences
- 15.00 Networking at the BioAlps & Innovaud booth
- 15.30 Pitch Session: A series of startup pitches from the region
- 16.15 Closing Remarks & Networking at the BioAlps & Innovaud booth



Pictures: Ilmac Conference 2024 (www.ilmac.ch)