

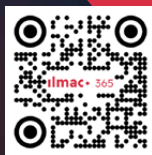
ilmac•

INSPIRING THE FUTURE OF
CHEMISTRY AND LIFE SCIENCES.

23 – 24 SEPTEMBER 2026
BEAULIEU LAUSANNE
(SWITZERLAND)

Ilmac Agenda 2026

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ILMAC 365

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ILMAC.CH





INSPIRING THE FUTURE OF
CHEMISTRY AND LIFE SCIENCES.

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.

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.

The background of the bottom half of the page is an abstract image featuring a vibrant color gradient from magenta to deep blue. A thick, dark, glossy curved line, resembling a liquid droplet or a chemical tube, sweeps across the frame from the bottom left towards the top right. Several smaller, translucent droplets of varying sizes are scattered around, some reflecting light, giving the impression of a microscopic or chemical environment.

«Personal,
inspiring,
pioneering,
exquisite.»

**Next Ilmac
Basel**

**21 – 23 September
2027
Messe Basel**

★ NEW

A CURATED INNOVATION AREA EXPLORING THE FUTURE OF LIFE SCIENCES IN SWITZERLAND

The Future of Life Sciences Innovation Space at Ilmac Lausanne explores how the sector may evolve by 2040 and what it means for Switzerland as a global hub. It highlights where Switzerland leads today and where faster progress is needed to meet future demands.

Through a curated showcase, stage programme and interactive elements, the space brings together companies, startups, researchers and policymakers to shape the future of research, manufacturing and patient care.

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: Laboratories of the Future

10.00	From Assumptions to Precision: Master Nanoparticle Concentration for Real-World Performance Dr. Marija Petrovic, Product Specialist Material Characterization, Anton Paar Switzerland AG
10.40	Keynote: The Future of Life Sciences Sebastian Baumann, Nicole Loeser, Frank Kumli, The Futuring Alliance
11.20	Panel: The Lab as a Platform Jens Feddern, Head of Vertical Market Life Sciences, Siemens Tom Kissling, pRED Lab Automation Partner, F. Hoffmann-La Roche AG Vincent Revol, VP Industry 4.0 & Life Sciences, CSEM Cornelia Steinhauer, PhD, Senior Consultant, Lab Automation, wega Informatik AG Moderated by Frank Kumli, The Futuring Alliance
11.55	Workshop: Turning Trends into Opportunities for Switzerland Sebastian Baumann, Nicole Loeser, Frank Kumli, The Futuring Alliance
12.30	Panel: Who Runs the Lab of the Future? ZHANG Xi, Chairman / CEO, Superlab Suisse AG Kevin Keim, Director of Operations, Walter I Patriarche Nasri Nahas, CEO, Biopole SA Moderated by Frank Kumli, The Futuring Alliance
13.00	Workshop: Turning Trends into Opportunities for Switzerland Sebastian Baumann, Nicole Loeser, Frank Kumli, The Futuring Alliance
13.40	Next generation Lab design: how simulation helps to challenge established design myths Jens Feddern, Head of Vertical Market Life Sciences, Siemens
14.20	Future of Health: Implications for the risk landscape Katja Stuker, HDI Global SE
15.00	Building Bridges: Designing, Engineering and Research in Switzerland Dario Tonelli, Managing Director, Laborplaner Tonelli AG Melanie Rudin, Member of the Management Board, Laborplaner Tonelli AG Dr. Johannes Eisenhut, Managing Director and Member of the Group Management Board, Senn Development AG Derek Mason, Director of Research Operations, Botnar Institute of Immune Engineering Alexander Franz, Senior Associate, Herzog & de Meuron
15.40 ★ HIGHLIGHT	Women in Life Sciences Afternoon From Gender Gap to Growth Opportunity Panelists: Samantha Paoletti (CSEM) Anna Luisa Schaffgotsch (Impli) Peggy Grueninger (Diversity Compass) Safia Agueni (HealthSeed / Women in Tech) Dawn Ray (Vitaris) Moderated by Katja Reichenstein
17.00 – 19.00 ★ HIGHLIGHT	Ilmac Networking Apéro at the Conference stage Opening: Céline Futterknecht, Director, Ilmac Magali Bischof, Secretary General, BioAlps David Spichiger, Executive Director, Swiss Chemical Society (SCS) Isabelle Moret, State Councillor and Head of the Department of Economy, Innovation, Employment and Heritage (DEIEP)

Day 2: AI & Quantum in Life Sciences

9.20	End-to-End Automation of QC Laboratories: Opportunities and Obstacles Cornelia Steinhauer, wega Informatik AG
10.00	From Instruments to Insight: How AI and Automation are Reshaping Analytical Chemistry Christian Haas, Agilent Technologies Deutschland GmbH
10.40	Keynote: The Future of Life Sciences Sebastian Baumann, Nicole Loeser, Frank Kumli, The Futuring Alliance
11.05 ★ HIGHLIGHT	Keynote: AI in Drug Discovery Brett Staahl, Co-Founder and VP External Innovation, Scribe Therapeutics, San Francisco, US
11.20	Panel: AI & Quantum in Life Sciences: From Experimentation to Impact Dr. Julien Baglio, Quantum Algorithms Researcher, QuantumBasel and Senior Research Associate, University of Basel Sam Khalil, Co-Founder & Managing Director, Ekona.ai Brett Staahl, Co-Founder and VP External Innovation, Scribe Therapeutics Moderated by Frank Kumli, The Futuring Alliance
11.55	Workshop: Turning Trends into Opportunities for Switzerland Sebastian Baumann, Nicole Loeser, Frank Kumli, The Futuring Alliance
12.30	Panel: Scaling AI in Health Emre Ozcan, SVP, Global Head of Digital Health & Devices, Merck Group Rado Andrian, Director of AI, HealthAI Moderated by Frank Kumli, The Futuring Alliance
13.00	Workshop: Turning Trends into Opportunities for Switzerland Sebastian Baumann, Nicole Loeser, Frank Kumli, The Futuring Alliance
13.40	From Molecule to Market: the comprehensive Life Sciences operating system to connect the real and digital worlds — end to end. Panel Discussion, Siemens Panelists: Lukas Bethmann, Account Manager Process Industries Vincent Meyer, Head of Life Sciences Suisse Romande, Smart Infrastructure Susan Faust, Strategy & Execution for Life Sciences & CPG, Smart Infrastructure Katrin Allocco, Account Manager, Digital Industries Software Moderated by Jens Feddern, Head of Vertical Market Life Sciences
14.20	Building Competitive and Meaningful Aseptic Manufacturing James MacKenzie, QPS Engineering AG
15.00	Startup Pitches Moderated by Kevin Keim

Future of Life Sciences Partner:



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

Co-Organized by SCS and SGVC

	Morning Session – Chair: David Spichiger, Swiss Chemical Society
10.00	Welcome and symposium opening Prof. Michal Dabros, HEIA Fribourg and SGVC
10.05 ★ HIGHLIGHT	«PAT-Driven Bioprocess Development for Sustainable Food Systems and Circular Bioeconomy Materials» Keynote, Prof. Brian Freeland. Dublin City University, Ireland
10.50	«Embedding PAT in Bioprocesses: How Hardware Enables AI/ML, Advanced Automation and Process Intensification» Dr. Winfried Geis, Sartorius Stedim Biotech GmbH
11.15	«How modeling and optimization can be applied in the field of PAT» Dr. Tim Forster, Takeda Pharmaceuticals
11.40	«Deploying PAT Across a CDMO: From Feasibility to Routine cGMP Release» Selim Agrebi, Lonza
12.05	Q&A Session
12.15	Lunch break
	Afternoon Session – Chair: Prof. Michal Dabros, HEIA Fribourg and SGVC
13.30 ★ HIGHLIGHT	«From Science to Value - How to establish a PAT strategy in an organization?» Keynote, Dr. Thomas Vent-Schmidt, Syngenta
14.15	«From the lab to the plant. Process analytics at dsm-firmenich» Dr. Roman Romero, dsm-firmenich
14.40	«Navigating a Regulatory Framework in Transition» Dr. Samd Guizani, Free-Lance Consultant
15.05	«From PAT to AI-Driven Manufacturing: The Future of on-line Process Analytics» Panel Discussion, Moderated by Prof. Michal Dabros Pannelist: Prof. Brian Freeland Dr. Thomas Vent-Schmidt Dr. Roman Romero and Dr. Samd Guizani
15.50	Conclusion, end of the symposium
17.00 – 19.00 ★ HIGHLIGHT	Ilmac Networking Apéro at the Conference stage Opening: Céline Futterknecht, Director, Ilmac Magali Bischof, Secretary General, BioAlps David Spichiger, Executive Director, Swiss Chemical Society (SCS) Isabelle Moret, State Councillor and Head of the Department of Economy, Innovation, Employment and Heritage (DEIEP)

«How biotools are transforming research, development, and manufacturing across the life sciences value chain»

Co-Organized by BioAlps, Innovaud and SBA

9.30

Welcome and symposium opening – Presentations from:

Welcome from Céline Futterknecht, Exhibition Director Ilmac
Magali Bischof (Ribes), BioAlps Association | François Capel, Innovaud (video)
Aditya Yellepeddi, Swiss Biotech Association (SBA)

Morning Session – Chair: Dr. Magali Bischof, BioAlps;
Aditya Yellepeddi, Swiss Biotech Association

9.45

★ HIGHLIGHT

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

11.15

Networking at the BioAlps & Innovaud booth

12.00

Lunch break

Afternoon Session – Chair: Dr. Magali Bischof, BioAlps;
Aditya Yellepeddi, Swiss Biotech Association

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 pour innover

14.30

★ HIGHLIGHT

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 pitches from startups of the region | Moderated by Magali Bischof, BioAlps

16.15

Closing Remarks & Networking at the BioAlps & Innovaud booth

Partners and Scientific Advisory Board



SPEAKERS CORNER

Experience current industry topics and product innovations at Speakers Corner – presented by exhibiting companies. Followed by a moderated Q&A session with interested participants on site.

Moderated by **Katja Reichenstein**

Day 1 | Wednesday, September 23, 2026

10.00	Cyclop Coverall System Mr. Fabian Dambacher, Alsico contamination control
10.40	JEOL´s integrated NMR approaches for modern pharmaceutical challenges Ms. Dr. Emeline Barbet-Massin, JEOL (Germany) GmbH
13.40	A Risk Based and Data Driven Approach to Microbial Controls of a High Purity Water System Mr. Areen Kalantari, Mettler-Toledo (Schweiz) GmbH
14.20	Validation of an alternative method for online bioburden monitoring of pharma water Mr. Dr. Jürgen Illerhaus, BWT Aqua Pharma & Biotech
15.00	How the Frigo UX Sky Logger Transforms Cooling Equipment Qualification Mr. Dominik Hengge Ciaramella, Ellab AG
15.40	Innomedica Case Study: A revolutionary concept for small batch-production of biopharmaceuticals inside a closed isolator Mr. Chris Berridge, Ecolab and Mr. Mauro Consonni, BTS Business Technology & Services
16.20	Session with Bardusch Mr. Gilles Grosjean, Bardusch SA

Day 2 | Thursday, September 24, 2026

9.20	Session with Bardusch Mr. Gilles Grosjean, Bardusch SA
10.00	Session with Watson Marlow
10.40	Critical control parameters in long term cell culture application Mr. Roger Schmid, Knick Schweiz AG
13.40	INDUSTRIAL DATA & AI - Unlock the Power of Your Industrial Data to Drive Business Performance Mr. Fabien Serre, Factory Software Group
14.20	Chromatography Data Analysis in the era of AI Dr. Philip Wenig, Lablicate GmbH
15.00	Rethinking Volume Verification In Automated Workflows: From Hidden Risk to Measurable Confidence Ms. Dina Rafeh, Nova Biomedical
15.40	Session with Inopsys