



## Ilmac Basel 2025

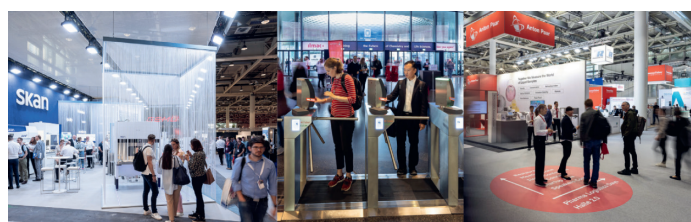
Inspiring the Future of Chemistry and Life Sciences.  
September 16–18, 2025 | Messe Basel

**Ilmac celebrates its 66<sup>th</sup> year with a bold new format, world-class speakers, and a major anniversary party.**

From 16 to 18 September, Ilmac Basel will once again unite the chemical and life sciences community at one of the world's premier innovation hubs. Over 400 exhibitors from more than 20 countries will showcase their latest products and solutions, while a dynamic program of established and new formats fosters idea exchange and high-impact networking. A standout highlight: the Ilmac party celebrating the event's 66<sup>th</sup> anniversary.

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Pictures: MCH and SCS



As one of the industry's leading events, Ilmac attracts over 12,000 professionals from across the chemical and life sciences sectors. The trade fair offers a platform for both global players – including Metrohm, Mettler Toledo, Bruker, Hamilton, Endress+Hauser, Siemens and Agilent – and next-generation innovators in the thriving startup space. A diverse supporting program spans four themed stages, designed to spark dialogue, collaboration, and meaningful connections.

**A global hub for life sciences – and Ilmac's home base** Basel stands among the world's foremost centers for chemical and life sciences – a powerhouse of pharmaceutical innovation where two-thirds of the entire pharma value chain is generated. This makes the region one of the most productive life sciences ecosystems worldwide. Ilmac plays a vital role in this success story: what began in 1959 as a Swiss trade fair for laboratory, measurement and automation technology has evolved into an international platform spanning the entire value chain.

Today, Ilmac unites experts and innovators from across the globe, amplifying both regional and international value creation. "This year's Ilmac reflects the evolution – from a national trade fair into a global platform with renowned speakers and exclusive networking opportunities," explains Céline Futterknecht, Exhibition Director of Ilmac.

### Expanded formats, new experiences

The 2025 edition introduces several new highlights alongside Ilmac's most popular formats. The Startup-Area returns in an expanded version, now joined by the Job Connect exhibition zone – a dedicated space for companies to promote career opportunities and connect with skilled professionals.

Two new networking concepts will debut this year: the Future Talks Corner in the Future of Life Sciences area, and the Coffee Talks Corner within the Pharma Logistics Days exhibition.

Back for its fourth edition, Pharma Logistics Days continues to offer deep industry insights into pharmaceutical logistics. Another standout initiative is Women in Life Sciences – featuring an exclusive program and a celebratory cocktail reception to spotlight the contributions of women across the sector.

And of course, the big celebration: Ilmac's 66<sup>th</sup> anniversary party, hosted in the vibrant "Bamboo Nest" adjacent to the entrance hall. A perfect setting for informal networking and strengthening community connections.

### Ilmac Conference: three days of cutting-edge insights

This year's Ilmac Conference returns to Basel with world-class speakers from research, development, and industry – tackling the most urgent topics shaping the future of life sciences and chemistry. This year's program spans three thematic focus days:

- 16 September – Artificial intelligence & Digital Methods
- 17 September – Sustainable Applications & Key Technologies
- 18 September – Biotechnology & Biomanufacturing: Sustainable Processes and Products Curated in close collaboration with the Swiss Chemical Society (SCS), the conference reflects a shared commitment to innovation.

"We have been supporting Ilmac as a partner for 66 years. Basel offers the ideal environment for innovation and collaboration," says David Spichiger, Executive Director of the Swiss Chemical Society.

### Future-focused content and hands-on innovation

The new Future of Life Sciences area offers an interactive deep dive into next-gen topics across life sciences, robotics, and artificial intelligence. Companies will demo their innovations live, inviting visitors to engage directly with emerging technologies shaping tomorrow.

On the dedicated stage, a curated program of panels, presentations, and start-up pitches will explore future-defining themes such as AI, green biotechnology, and sustainability.

Stage topics by day:

- 16 September – AI in Drug Research & Manufacturing
- 17 September – Green Biotech & Sustainable R&D
- 18 September – Skills, Labs & the Future of Basel

### Ilmac 365: connecting the community year-round

Ilmac 365 extends the reach of the live event into the digital space – supporting networking, discovery, and planning throughout the year. Visitors can use the platform to connect with exhibitors, schedule appointments, and pre-register for presentations and panels in advance.

"The Ilmac 365 app helps you stay organized on-site and get the most out of your time at Ilmac," says Exhibition Director Céline Futterknecht.

Website:  
www.ilmac.ch.



**About IImac**

First held in Basel in 1959, IImac has grown from a Swiss laboratory trade fair into one of the most influential platforms for the chemical and life sciences industry. Today, it connects over 400 exhibitors with more than 12,000 trade visitors, driving innovation and collaboration across the entire value chain.

Under the promise, “Inspiring the Future of Chemistry and Life Sciences,” IImac showcases the latest breakthroughs in research and industry across its two anchor locations: Basel and Lausanne. Beyond the exhibition floor, the event features an extensive program of expert talks, workshops, and networking opportunities.

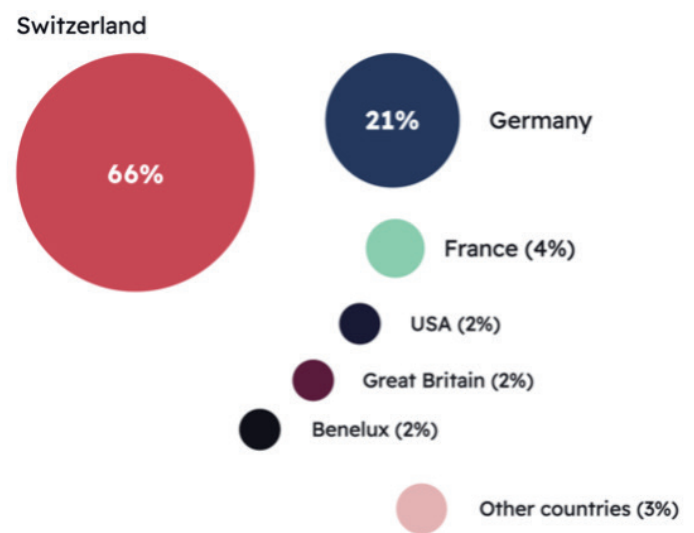
The next edition will take place in Hall 1.0 at Messe Basel from 16 to 18 September 2025. Highlights include the IImac Conference, Startup Area, Future of Life Sciences Area, Speakers Corner, and the special exhibitions Pharma Logistics Days and Job Connect. A new addition for 2025 is the Women in Life Sciences initiative, offering women in the field a dedicated platform and exclusive event series.

To mark IImac’s 66<sup>th</sup> anniversary, a major evening celebration will be held in the “Bamboo Nest”, creating space for informal exchange and celebration within the IImac community.

**Visitors’ Participation Goals**



**Countries of Origin of the Exhibitors**



**Opening Hours**

IImac Fair: Tuesday, Wednesday, Thursday from 09.00 to 17.00h  
 IImac Party: Tuesday from 17.00 to 23.00h  
 Women in Life Sciences: Wednesday from 16.00 to 20.00h

**Tickets**

Get your ticket for free with the SCS prio code: *scs-ilmac25*  
<https://ticket.ilmac.ch/MCH/1156-shop/Register>



**Topics & Areas**

**Laboratory Technology**

Laboratory technology plays a crucial role in the research, development and monitoring of medical treatments, diagnostics and therapeutic procedures. It enables complex analyses to be carried out in order to identify diseases, monitor health conditions and acquire scientific knowledge.

**Diagnostics and Bioanalytic**

Diagnostics refers to the identification of diseases or health conditions by means of laboratory tests and examinations. Bioanalytic involves analyzing biological samples to obtain information about the composition, structure and function of biological molecules.

**Biotechnology**

Biotechnology uses living organisms, cells or molecules to manufacture products or optimize processes. It plays an important role in the areas of medicine, agriculture, environmental protection and food production.

**Process Technology**

Process technology refers to the overall processes, methods and techniques used to manufacture products or carry out processes. This includes the planning, control and optimization of production processes as well as the selection and implementation of technical equipment and machinery.

**Robotics and Automation**

Robotics refers to the development, design and utilization of robots for process automation. Automation refers to the technology of designing processes and systems in such a way that they function largely autonomously and without human intervention.

**Information technology**

Information technology (IT) encompasses the use of computers, software and telecommunications technology to process, store and transmit information. It plays a central role in virtually all areas of modern life, from business management to medicine and entertainment.

**Pharmaceutical Logistics, Packaging and Storage**

Pharmaceutical logistics encompasses the area of logistics that deals specifically with the storage, transport and distribution of pharmaceutical products. Due to the specialized requirements for the safety, quality and reliability of pharmaceuticals, pharmaceutical logistics, including packaging and storage, plays a crucial role.

**Safety, Environment and Disposal**

Safety, the environment and waste disposal are crucial to ensuring that processes are safe, environmentally friendly and sustainable. Compliance with strict safety standards, environmental protection against harmful influences and the proper disposal of waste are of central importance for sustainable and responsible production.

**Discover the IImac Highlights**

**Pharma Logistics Days**

Are you active in the pharmaceutical industry and looking for a reliable partner for your logistics needs? Then you have come to the right place! Our pharmaceutical logistics solutions during the Pharma Logistics Days offer you a customized and efficient supply chain that gets your pharmaceutical products to your customers safely and on time.

### Trends, innovations in the Pharmaceutical Logistics

The entire supply chain of pharmaceutical logistics will be represented at the Pharma Logistics Days in Basel. The Pharma Logistics Conference will take place over three days with guest speakers from the life science industry, universities, logisticians and other players. Get interesting insights into topics of the pharma supply chain and sustainability from the perspective of producers and logisticians. Be inspired by trends and innovations and exchange ideas with specialists and experts on site. You will have the opportunity to experience trucks, containers or passive packaging live.

### Coffee Talks Corner

Experience the latest industry topics and product innovations in our Coffee Talks Corner – presented by exhibiting companies. The presentation slots are 30 minutes each.

### Experience the fascinating world of pharmaceutical logistics up close!

We are offering you the opportunity to take an exclusive tour of the Cargo Terminal at Basel-Mulhouse Airport for the first time as part of the Pharma Logistics Days 2025. Immerse yourself in the world of highly sensitive logistics processes and take a look behind the scenes of an airport cargo operation. EuroAirport's Cargo Terminal, which opened in 2015, offers a high-quality infrastructure especially for the pharmaceutical industry to ensure that transport routes and, in particular, temperature requirements can be met at all times.

### Startup Area



The Startup Area buzzes with promising newcomers and innovators from the chemical and life sciences industry. Discover interesting, innovative and young companies and solutions.

### Future of Life Sciences Area

An interactive experience in the areas of life sciences, robotics and artificial intelligence. Let's look together into an exciting future.



Designed for trailblazers across pharma, biotech, and medtech, this interactive platform brings future-thinking to life through live demos, expert debates, and hands-on innovation. Whether you're driving the next breakthrough or tracking where the in-

dustry is heading, this is your front-row seat to witness the future of life Sciences.

### The Future Talks Corner

Each day explores a defining challenge- and opportunity- across various sectors.

- 16 September: AI in Drug Research & Manufacturing
- 17 September: Green Biotech & Sustainable R&D
- 18 September: Skills, Labs & the Future of Basel

The stage is set to spark discussion, showcase bold thinking, and connect you with the people moving science forward.

### The Innovation "Lab"

This is no ordinary demo space. The Innovation Lab takes you deep inside the life sciences value chain—from research & development through to manufacturing, cleanroom technology, and regulatory compliance. This is where innovation becomes tangible.

Across the space, exhibitors will showcase how real-world solutions are tackling complex challenges:

- AI-powered R&D and screening tools from partners
- Robotics and lab automation in action
- Flexible production technologies for personalized medicine
- Cleanroom innovations and isolator systems from leading specialists
- Smart compliance and process analytics, including continuous manufacturing tech

Each display is hands-on, practical, and designed to show how these innovations are already shaping the future of life sciences.

### Why It Matters

This isn't about glossy predictions or theoretical hype. It's about real solutions, built by the people doing the work, for the challenges that matter most.

It's a space to deepen connections, spot opportunity, and reimagine what's possible – together.

Whether you're attending Ilmac Basel to discover, partner, or lead, the Future of Life Sciences is where the next chapter is being written.

Don't miss this chance to be there at the beginning!

### Speakers Corner

At the speakers' corner, companies will present their latest industry topics and product innovations on two moderated stages within 30 minutes (incl. Q&A).

In a central location in Hall 1.0, experts will offer insights into current trends, technological advances and forward-looking solutions. Whether you are interested in new processes in laboratory technology, innovative products or sustainable practices, the Speakers and Future Talks Corner stages offer you the opportunity to learn and be inspired directly from industry leaders.

Take the opportunity to exchange ideas with experts, make valuable contacts and gain new perspectives. Join us as we shape the future of the industry and present innovative ideas!

### Job Connect

Are you looking for specialists from the life sciences sector to strengthen your team in areas such as research, development, laboratory or production? Or are you looking for a new challenge and a next step in your career? Then Ilmac is the opportunity for you. Job Connect is a meeting place and connects companies and professionals in the life science industry.

### Women in Life Sciences

Wed, Sept 17, 2025, 16.00h in the Ilmac Conference Area.

This exclusive event fosters insightful discussions, networking

opportunities, and actionable strategies for driving diversity, equity, and innovation in healthcare and beyond.

Women play a pivotal role in shaping the future of life sciences, yet they continue to face significant barriers, including the Gender Health Gap and a lack of representation in leadership positions. These challenges not only limit professional growth but also have profound implications for healthcare innovation, research, and patient outcomes. Addressing these systemic issues requires a commitment to fostering diversity, equity, and inclusion at all levels of the industry.

This event is a unique opportunity to gain valuable insights, build meaningful connections, and explore actionable strategies that will drive real change. Whether you are an established professional, an aspiring leader, or an advocate for equity in healthcare, your voice and participation matter. Let's come together to close the Gender Health Gap, support women in leadership, and push for lasting transformation in life sciences.

- Gain insights from industry leaders on gender health challenges and leadership opportunities
- Network with top professionals and like-minded peers
- Explore mentorship and sponsorship opportunities for career growth
- Engage with interactive expert stations offering hands-on solutions
- Contribute to a more inclusive and equitable life sciences industry

## Program

Moderation by Karin Sartorius

16.00 Door opening

16.30 Welcome and Intro

Céline Futterknecht & Karin Sartorius

16.40 Keynote Speeches

16.45 Closing the Gender Health Gap: Unlocking Women's Brain Capital with Sex- and Gender-Specific Precision Medicine

Dr. Antonella Santuccione Chadha, WBP CEO & Co-Founder, Women's Brain Foundation, Switzerland

17.00 Leadership as a Solution to Gender Health Challenges

Anvita Gupta, USA / California CEO de AiNovo Biotech

17.15 Panel Discussions

Prof. Dr. Hann-Christian Mahler, CEO of ten23, Shayesteh Fürst-Ladani, CEO of Luminance Health, Dr. Marija Plodinec, CEO Artidis

17.45 Meet the Experts

1. Network & Empowerment
2. Career Support
3. HR Expert
4. Experts from R&D, CA/RA and QA
5. Financial Expert Drei Frauen

18.15 Closing Remarks and Outlook

18.30 Networking aperitif at the SCS Bar

20.00 Door Closing

The event is also supported by the SCS Network Swiss Women in Chemistry.



SWISS  
WOMEN in  
CHEMISTRY

## Networking Events

We encourage and support networking during the event. Our IImac Party will now take place on Tuesday evening. Our Networking evening and Women in Life Sciences aperitif will be on Wednesday evening. Enjoy a relaxed atmosphere where you can socialize with other exhibitors, visitors and interesting people.

## IImac party – celebrate with us

Tue, Sep 16, 2025, from 17.00h

2025 is a very special year for us as – we celebrate the 66<sup>th</sup> anniversary of IImac, one of the oldest and most important industry events of MCH Swiss Exhibition Ltd. We have been constantly evolving since 1959.



We cordially invite you to join us for a toast and celebrate this special occasion in style. Be part of this unique celebration and enjoy an evening full of exciting encounters and inspiring conversations in the Bambusnest (Hall 2.0).

## What awaits you?

- Exclusive access: Finger food & drinks served until 20:00
- DJ music & entertainment: Enjoy the laid-back beach atmosphere
- Networking: Mingle with industry colleagues in a relaxed setting
- From 20:00 onward, the party continues, with drinks and food available on a sell-pay basis. Continue to linger in the atmospheric location and enjoy the evening with good music, cool drinks and stimulating conversation. The Bambusnest will remain open exclusively for our guests so that you can end the evening relaxed and in the best of moods.

Tickets are limited – so it pays to be quick. We look forward to raising a glass with you!

## IImac Conference

Organized by the Swiss Chemical Society

September 16–18, 2025, 10.00–17.00h

This scientific conference invites you to discover the latest developments and innovations with a direct link to applications and industrial processes in the chemical and pharmaceutical sector. This year, the 4<sup>th</sup> Swiss Green & Sustainable Chemistry Days will showcase successful approaches as well as trends and outlooks in Transforming Innovative R&D into Sustainable Chemical Practices. The first day will focus on Artificial Intelligence (AI) and digital methods, the second day on sustainable applied methods and enabling key technologies and the third day on biotech and biomanufacturing.



## Tue, September 16, 2025: Artificial Intelligence (AI) and Digital Methods

Scientific committee: Claudio Battilocchio (Syngenta), Fabrice Gallou (Novartis)

Within less than a decade, Artificial Intelligence and digital technologies have transformed the way to envision and conduct chemistry. From conceptual and design aspects, to process in-

tensification and optimization, or gains in productivity, taken alone or combined with automation, these breakthroughs have profoundly disrupted traditional workflows.

### Program, 16.09.2025

- 10.00 Prof. Philippe Schwaller, EPFL Lausanne  
«Teaching Language Models to Speak Chemistry»
- 10.30 Dr. Loïc Roch, Atinary Technologies Inc., Lausanne  
«AI-Driven and Self-Driving Labs Technologies to Accelerate R&D»
- 11.00 Coffee Break
- 11.15 Prof. Alexei Lapkin, University of Cambridge, UK  
«Key role of AI in delivery of sustainable chemical solutions»
- 12.00 Q&A session and discussion
- 12.15 Lunch Break
- 13.30 Dr. Marwin Segler, Microsoft, London, UK  
«How AI can Impact Chemistry in the Age of Large Models»
- 14.15 Dr. Patrick Ruch, IBM, Zurich  
«Multimodal Data Capture and Modeling in AI-Driven Scientific Discovery»
- 14.45 Break
- 15.00 Ms. Maks Kiamos Shah, Syngenta Crop Protection AG  
«It All Starts with Data@Scale»
- 15.30 Panel Discussion
- 16.30 Aperitif



### Wed, September 17, 2025: Sustainable Applied Methods and Enabling Key Technologies

Scientific committee: Claudio Battilocchio (Syngenta), Fabrice Gallou (Novartis), Edouard Godineau (Syngenta), Niklaus Künzle (Lonza)

Sustainability is becoming a top priority in the chemical industry, with increasing visibility and urgency for innovative design, impactful metrics, and enabling technologies. The symposium provides a platform for general trends, visionary approaches, and concrete applications like flow chemistry, mechanochemistry and innovative catalytic approaches.

### Program, 17.09.2025

- 09.30 Prof. John C. Warner, CEO&CTO, The Technology GreenHouse, USA  
«Green Chemistry: The Missing Elements»
- 10.15 Dr. Michael Luescher, Novartis Pharma AG, Basel  
«Data Driven Decision Making Towards Sustainable Process Development»
- 10.45 Coffee Break
- 11.00 Dr. David Linder, F. Hoffmann-La Roche, Basel  
«From Flow Chemistry to Continuous Processing: Shifting the Mindset in Drug Synthesis»
- 11.30 Prof. André Bardow, ETH Zurich  
«To Sustainability and Beyond! A Computer-Aided Story on a Circular Chemical Industry»
- 12.00 Panel Discussion (Morning Speakers) moderated by Anna Bozzi, scienceindustries
- 12.45 Lunch Break
- 14.00 Prof. Duncan Browne, University College London, UK  
«Mechanochemistry: Chemical Synthesis without Bulk Reaction Solvent»

- 14.45 Prof. Francesca Paradisi, University of Bern  
«Implementation of Enzymes in Amine-Focused Processes»
- 15.15 Prof. Riina Aav, Tallinna Tehnikakool, EE  
«Mechanochemical Synthesis: From Small Molecules to Cavitands»
- 15.45 Q&A Session
- 16.00 Aperitif



### Thu, September 18, 2025: Biotech and Biomanufacturing – Sustainability in Biotechnological Processes and Products

Scientific committee: Sonia Thomson (FHNW), Max Murone (SBA), Hanspeter Meyer (SATW), Roland Wolgemuth (SKB)

Biotechnology is revolutionizing how we produce chemicals and pharmaceuticals. From alternative production methods like biocatalysis, to the production of modalities like biosimilars, antibody-drug conjugates (ADCs), and synthetic mRNA vaccines, biomanufacturing innovations are opening new frontiers for efficiency and sustainability.

### Program, 18.09.2025

- 09.00 Welcome Coffee
- 09.30 Dr. Anne Marie de Jonge-Schuermans, Sandoz, Basel  
«Manufacturing Strategies for Biosimilars»
- 10.00 Prof. Rebecca Buller, University of Bern  
«Engineering Protein Catalysts for Synthetic Applications»
- 10.30 Coffee Break
- 10.45 Dr. Bernd Schlereth, Araris Biotech, Au  
«Novel Linker and Bioconjugation Technology for the Production of Next Generation ADC Candidates with Improved Therapeutic Index (TI)»
- 11.15 Dr. Florian Kleinbeck, Novartis Pharma AG, Basel  
«Biocatalysis in Chemical R&D at Novartis – Leveraging its Full Potential Throughout All Development Stages»
- 11.45 Panel Discussion (Morning Speakers) moderated by Sonia Thomson, Communications specialist for science, technology and innovation, FHNW Muttentz
- 12.30 Lunch Break
- 13.30 Prof. Steven Pascolo, University Hospital UZH  
«Synthetic mRNA Vaccines: the Past, the Present and the Future»
- 14.00 Dr. Carmen Jungo Rhône, HEIA Fribourg  
«Quality by Design-Driven Process Characterization of Bacteriophage Production to Combat Antimicrobial-Resistant *P. aeruginosa*»
- 14.30 Dr. Serena Bisagni, F. Hoffmann-La Roche AG  
«Biocatalysis at Roche: Recent Examples»
- 15.00 Q&A Session/Discussion
- 15.30 Aperitif