



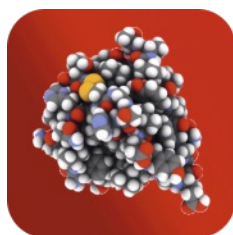
## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

#### Peptide Therapeutics Forum 2023

September 4–5, 2023, Zentrum für Lehre und Forschung, University of Basel



The forum provides an innovative platform to exchange on the various aspects of drug development with a focus on peptides.

Similar to previous events in the framework of Basel Life, presentations highlight important new insights regarding the drug discovery of peptides including examples for successful

development candidates. The forum disseminates information on latest news in the broad field of therapeutic peptides and enables networking of interested parties from academia and industries.

#### Program

##### September 4, 2023

- 09.00 Welcome Coffee, Exhibition and Networking  
 09.45 Conference Opening and Welcome Message  
 10.00 Frank Osterkamp, 3B Pharmaceuticals Berlin, DEU  
 «Fibroblast activation protein (FAP) targeting radiopharmaceuticals: FAP-2286 and beyond»  
 10.30 Dr. René Thürrmer, Federal Institute for Drugs and Medical Devices, Bonn, DEU  
 «Current European regulatory expectations for synthetic peptides»  
 11.30 Coffee Break  
 12.00 Dr. Hans Maric, University of Würzburg, DEU  
 «Proteome-Derived Peptide Probes for Biomedical Research & Imaging»  
 12.30 Prof. Ali Tavassoli, University of Southampton, UK  
 «Platforms for the intracellular generation and high-throughput screening of cyclic peptide libraries»  
 13.00 Lunch Break and Networking  
 14.20 4 Contributed Lectures à 10 min  
 Héloïse Bürgisser, University of Zurich  
 «Chemical synthesis of c-Myc transactivation domain using a synthesis/solubility tag»  
 Elyse Williams, University of Zurich  
 «Synthetic c-Myc1-84 library allows correlation of PTMs and PTM-crosstalk with binding interactions»  
 Xinjian Ji, EPFL Lausanne  
 «Synthesis and screening large libraries of cyclic peptides for addressing intracellular protein-protein interactions»  
 Franz Waibl, ETH Zurich  
 «Computational modelling for membrane permeation of cyclic peptides»  
 15.00 Prof. Markus Kaiser, University of Essen, DEU  
 «Peptide natural Products as starting points for chemical probe design»  
 15.30 Coffee Break  
 16.00 Prof. Paramjit Arora, University of New York, USA  
 «Development of a Pan Ras inhibitor»

- 16.30 Dr. Virginia Castillo Cano, Peptomyc, Barcelona, ESP  
 «Omomyc: Bringing the first anti-Myc mini-protein into the clinic»  
 17.00 Poster Session & Apéro  
 18.00 End of day 1

##### September 5, 2023

- 09.00 Morning Coffee, Exhibition and Networking  
 09.30 Prof. Stefan Pless, University of Copenhagen, DNK  
 «Live-cell membrane protein semi-synthesis using protein trans-splicing»  
 10.00 Assoc. Prof. Christian Ottmann, Eindhoven University of Technology, NL (online)  
 «Protein-protein interactions as exemplified for 14-3-3»  
 10.30 Dr. Soren Ostergaard, Novo Nordisk  
 «New frontiers for peptide drug discovery in diabetes and obesity»  
 11.00 Coffee Break  
 11.30 Prof. Krishna Kumar, Tufts University, Medford, USA  
 «Two bites at the apple: design and repair of peptide therapeutics»  
 12.00 Dr. Gao Shang, Merck & Co Inc, New York, USA  
 «Accomplishing an Unprecedented 115 kg GMP Campaign of MK-0616 through Innovation and Strategic Planning»  
 12.30 Best Poster Presentation Award Ceremony  
 12.40 Lunch Break and Networking  
 14.00 Assoc. Prof. Yu-Shan Lin, Tufts University, Medford, USA  
 «Structure prediction of cyclic peptides via molecular dynamics and machine learning»  
 14.30 4 Contributed Lectures à 15 min  
 Mirja Harms, Ulm University Medical Center  
 «Preclinical development of the endogenous CXCR4 antagonist EPI-X4 for therapy of cancer and inflammatory diseases»  
 Dr. Rumit Maini, PepLib Boston  
 «Peptide Information Compression Technology (PICT) for GPCR Drug Discovery using Cell-Based Functional High-Throughput Screening Assays»  
 Young Do Yoo, Korea University  
 «A novel peptide derived from the mitochondrial protein, Romo1, exhibits the broad antimicrobial activity against the various multidrug-resistant bacteria in vitro and in vivo»  
 Alessandro Angelini, Ca' Foscari University of Venice  
 «A novel combinatorial platform for rapid selection and characterisation of different cyclic peptide structures against a wide range of protein targets»  
 15.30 Coffee Break  
 16.00 Keynote lecture  
 Prof. Kim Lewis, Northeastern University, USA (online)  
 «Sophisticated peptide antibiotics»  
 17.00 Closing remarks  
 17.10 End of the conference

**Deadlines**

20.08.2023 Registration for participants

**Registration and Fees**

	SCS Member	Non-Member
Student/Postdoc	CHF 50	CHF 50
Senior Participant	CHF 150	CHF 200
Online Participation	CHF 50	CHF 50

**Organizing Committee**

Prof. Melpomeni Fani, University of Basel

Prof. Roderich Süßmuth, TU Berlin

Dr. Thomas Vorherr, TU Berlin

Prof. Nina Hartrampf, University of Zurich

**Website**<https://ptf23.scg.ch>**Swiss Chemistry Science Night 2023**

September 15, 2023, Casino Bern

The Swiss Chemistry Science Night was launched in 2021 to honor and celebrate the winners of the Swiss Chemical Society's award programs in front of distinguished representatives from industry, academia and politics. It is a celebration of discoveries and innovations in the chemical sciences and provides a

networking platform for members from industry and academia.

Attendance is by invitation only. If you would like to attend this vibrant gala evening, please contact [info@scg.ch](mailto:info@scg.ch) to inquire about opportunities to participate.

**ILMAC Basel 2023**

September 26–28, 2023, Messe Basel

Since 1959, ILMAC has been the sole Swiss industry fair for chemicals and life sciences that depicts all the industrial applications in process and laboratory technology. As a user-oriented trade fair, ILMAC is geared to experts in pharmaceuticals, chemicals, biotechnology, food, drinks, cosmetics and others.

SCS, as the initial founder of the fair, is partnering with Messe Schweiz and coordinates the collaboration with society partners and the Universities of Applied Sciences. SCS and its partnersocieties, SVC and SBA, are also the official organizers of the ILMAC Conference.

**Ilmac Conference Day 1: Digitalization****September 26, 2023**

- 09.15 Welcome Coffee at the SCS Booth
- 10.00 Introduction Day 1
- 10.15 Dr. Nessa Carson, AstraZeneca, Macclesfield, UK  
«Automate the Boring Stuff: Optimize Chemistry Workflows with Beginner Python»
- 10.45 Dr. Arndt Finkelmann, Syngenta  
«Data as the Fuel for Lab Automation»
- 11.15 Dr. Trixie Wagner, Novartis  
«Lab Digitalization: Paving the Way for the Next Generation of Chemical Synthesis»
- 11.45 Dr. Nick Lynch, Curlew Research / BioExcel Center of Excellence for Computational Biomolecular Research, / Open Phacts Foundation, UK

- «Digital Lab of the future – current challenges & looking ahead»
- 12.15 Lunch and networking
- 13.30 Start-up Session
- 14.00 Zishan Butt, Bachem AG, Bubendorf  
«From Manual to Digital: Enhancing Efficiency and Accuracy in Lab Processes at Bachem AG»
- 14.30 Break
- 15.00 Dr. John Lopez, Novartis Pharma AG  
«Refractive Index as a PAT Tool for Peptide and Oligonucleotide Synthesis»
- 15.30 Dr. Johnathan Brand, Givaudan Suisse SA, Vernier  
«PAT, an accelerator for industrialization in Fragrance and Beauty industry»
- 16.00 Speaker from SWC
- 16.30 Aperitif
- 17.00 Swiss Women in Chemistry (SWC) Evening

**Swiss Women in Chemistry (SWC) Evening****September 26, 2023**

- 16.30 Aperitif
- 17.00 Welcome and SWC information
- 17.15 3 invited talks and panel discussion
- 18.30 Aperitif riche
- 20.00 End of the event. Closing of the hall

**Ilmac Conference Day 2: Chemical Technologies****September 27, 2023**

- 09.15 Welcome Coffee at the SCS Booth
- 10.00 Introduction Day 2
- 10.15 Prof. Oliver Kappe, University of Graz  
«Going with the Flow – The Use of Continuous Processing for API Manufacturing»
- 10.45 Dr. Marc André Müller, DSM  
«Towards More Efficient and Sustainable Processes in the Fine Chemical Industry»
- 11.15 Dr. Camille Le Chapelain, Syngenta  
«Engineered Halogenases for the Functionalization of Agrochemicals»
- 11.45 Dr. Ludovic Gramaud, HEIA-FR  
«Mechanochemistry an Eco-efficient strategy for chemical production»
- 12.15 Lunch and networking
- 13.30 Start-up Session
- 14.00 Max Wassmer, VTU Engineering Schweiz AG  
«Green Engineering: How and why sustainability can become a driving factor in the design of new chemical plants?»
- 14.15 Contributed Talk 2\*
- 14.30 Break
- 15.00 Contributed Talk 3\*
- 15.15 Contributed Talk 4\*
- 15.30 Dr. Georg Wuitschik, Roche  
«RoSL: An HTE-Workflow at Roche, Built from the Ground Up»
- 16.00 Dr. Fabrice Robiveux, Firmenich  
«EcoScent Compass™, a Holistic Tool to Measure a Fragrance's Sustainability Footprint»
- 16.30 Aperitif and ILMAC Networking Event

**Ilmac Conference Day 3: New Biotech Methods****September 28, 2023**

- 09.15 Welcome Coffee at the SCS Booth  
 10.00 Introduction Day 3  
 10.15 David Lyon or David Hampton, Pheida: Integrated biotech systems  
 «White biotech as a green technology»  
 10.45 Dr. Wolfgang Minas, Chemengineering  
 «Trends in Industrial Biotechnology»  
 11.15 Dr. David Nippa, Roche  
 «Enabling Late-stage Drug Diversification by High-Throughput Experimentation with Geometric Deep Learning»  
 11.45 Dr. Laura Leemans, Novartis  
 «Towards more sustainable and efficient manufacturing routes – a glimpse at flow and batch processes using immobilized lipases»  
 12.15 Lunch and networking  
 13.30 Start-up Session  
 14.00 Contributed Talk 1\*  
 14.15 Contributed Talk 2\*  
 14.30 Break  
 15.00 Prof. Oya Tagit, School of Life Sciences FHNW, Muttentz, CH  
 «Immunomodulating Nanomedicines – From Bench to Bedside»  
 15.30 Dr. Alain Vertès, NxR Biotechnologies GmbH, Basel  
 «Biorefineries for Business Sustainability in the Era of Climate Change: New Chemistries, Commodities, New Materials»  
 16.00 Aperitif  
 17.00 End of Ilmac 2023

**Registration**

Participants registration is open on [ilmac.ch](https://ilmac.ch).  
 Free tickets are available with the promo code *scs-ilmac23*.

**Organizing Committee of the ILMAC Conference**

Dr. Fabrice Gallou, Novartis  
 Dr. Claudio Battilocchio, Syngenta  
 Prof. Roger Marti, HEIA Fribourg  
 Dr. Michael Altorfer, SBA  
 Mr. Marc Oliver Bürgi, SVC/Chemengineering  
 Mr. David Spichiger and Céline Wittwer, SCS  
 Ms. Céline Futterknecht, Messe Schweiz/ILMAC

**Website**

<https://ilmac.ch>, [scg.ch/ilmac2023](https://scg.ch/ilmac2023)

**Swiss Snow Symposium 2024**

January 26–28, 2024, tba.  
 The symposium provides an innovative platform for young chemists to present their work and to exchange their experience.

A well balanced mix between lectures, short talks and poster session as well as get-togethers at the hotel bar and snow fun activities on the slopes of the Allalin-Mountain guarantee a unique experience of science and fun.

Allin-Mountain guarantee a unique experience of science and fun.

**NON-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD AND ONLINE EVENTS****AOFKA 2023**

September 11–13, 2023, ETH Zurich

**AOFA Conference Series (Applied surface analytics)**

This conference series has a long tradition and is dedicated to applied surface analytics. Over the years, it became an important panel for developer and user of surface analytics instruments and equipment.

**FKA Conference Series (solid state analytics)**

The FKA conference is held biannually alternating between Vienna and Chemnitz. It has a very strong interdisciplinary character with the focus on scientific exchange between analytical-methodological developments and scientific-technological problem solving covering all fields of research on solids. This broad range of topics combined with the intimate character of the conference has made FKA very unique and appreciated in the scientific community for many decades in Germany, Austria and Switzerland, but also among participants from neighboring countries.

<https://aofka23.scg.ch>

**Fachtagung Umwelt, 2023**

September 11, 2023, FHNW Muttentz

«Gemeinsam gegen die globale Umweltverschmutzung: Bildung und Forschung für saubere Lösungen»

Gemeinsame Jahrestagung der SETAC GLB e.V., Ch-FG-Umweltchemie & Ökotoxikologie.

Diese Konferenz ist eine gemeinnützige Veranstaltung und die bedeutendste Tagung im Bereich der Ökotoxikologie im deutschsprachigen Raum (SETAC GLB). Auch die neuesten Entwicklungen aus der Umweltchemie und chemischem Monitoring sind ein wichtiger Teil der Tagung, was durch die Mitorganisation von Seiten GDCh, Fachgruppe Umweltchemie und Ökotoxikologie, repräsentiert wird. Die Konferenz und das Programm fördert explizit Studierende und NachwuchswissenschaftlerInnen in ihrer Vernetzung und Werdegang. Dadurch ist das Event ein wichtiger Milestone in deren Entwicklung – da hier junge ChemikerInnen auf potentielle Arbeitgeber und bereits etablierte Wissenschaftler treffen und ihre neusten Forschungsergebnisse vorstellen können.

<https://fhnw.ch>

**59<sup>th</sup> Symposium on Theoretical Chemistry**

September 11, 2023

The topic of this year's STC is "Quantum and classical dynamics in chemistry". Numerous slots for contributed talks are available. Two poster sessions and a conference dinner will also be organized.

<https://stc2023.ch>

**European Healthy Soils: 1<sup>st</sup> Edition: Soil Fertility 2023**

September 13–15, 2023, FHNW Muttentz

This first edition of the European Healthy Soils Conference Series will address the relevance of healthy soils and soil fertility as prerequisite for a functioning society, environment, economy, and climate. The 3-day conference aims to bring together soil scientists, along with stakeholders from industry, agriculture, and the public sector, to discuss the maintenance of and opportunities in healthy soils. The event is co-organized by the FHNW School of Life Sciences and Agroscope, under the umbrella of the European Federation of Biotechnology divisions of Plant, Agriculture & Food and Environmental Biotechnology.

While this topic is not 100% related to only chemistry, we aim to address a broad interdisciplinary audience to this conference and have accordingly invited keynote speakers from a variety of organizations, Industry and “Brussel” Stakeholders.

<https://efbiotechnology.org/healthsoils>

### **PharmaCamp 2023: Drug discovery in the era of Precision Medicine and Digitalization**

September 13, 2023, Swiss Institute for Translational and Entrepreneurial Medicine (SITEM)

Compete with other young professionals and students in a pharmaceutical case challenge. Show your skills to leading pharmaceutical companies in Switzerland and win the award.

<https://www.pharmacamp.ch/>

### **The 10<sup>th</sup> World Sustainability Forum 2023**

September 14, 2023, Online Conference

The 10<sup>th</sup> World Sustainability Forum (WSF2023) will be a 24-hour event, held in 3 locations, as well as online. We believe that this will optimize worldwide participation in this global event.

20% discount is granted to SCS members. For more information is available on the website.

<https://wsf-10.sciforum.net>

### **Swiss Soft Days 2023/2**

September 15, 2023, University of Basel

The Swiss Soft Days is a one-day workshop taking place 2 times per year where around 10 to 20 speakers give short talks (~15 minutes) to introduce their research activities in a way specifically designed for a heterogeneous public.

<https://swisssoftdays.ethz.ch>

### **40 Years of Surface Science and Nanotechnology**

October 15-20, 2023, Congressi Stefano Franscini (CSF)

The 40 years of surface science and nanotechnology (40Nano) conference plans to address these new developments but will also highlight applications in other branches of surface science. Surfaces are omnipresent and surface-related processes govern many aspects in our life. Chemical syntheses of basic products are performed on surfaces (heterogeneous catalysis) and contribute more than 30% of the world gross product. Friction, corrosion, biofouling, crystallization, atmosphere chemistry and semiconductor industry are other examples that involve surface processes. Consequently, the field of surface science has become an interdisciplinary research field. 40 years ago, the most powerful tool of surface science was invented at IBM R schlikon in Switzerland: the scanning tunneling microscope (STM). Moreover, the STM is considered as the “founding method of nanotechnology”. Since then, surface science and nanotechnology has evolved into many different directions, ranging from physics to medical applications.

By including speakers from fields such as bionanotechnology, scanning probe technology, surface chemistry, quantum technology (experiment and theory), heterogeneous catalysis and molecular surface dynamics, the 40Nano conference will have a highly interdisciplinary character.

<https://40nano.empa.ch>

### **Plastics Update Conference 2023**

November 24, 2023, HEIA-FR

The Plastics Update Conference 2023 informs on state-of-the-art thinking and proposes technology that can make a difference to transform industry and engage ensuring humanity can continue to enjoy the benefits of planet and plastics in a sustainable way. BEYOND Business as Usual brings key decision makers together to demonstrate how to navigate in a paradigm shifting

plastics industry. To this end we are bringing together speakers who offer a vision BEYOND Business as Usual. They address various aspects, including the integration of bio-based polymeric materials, digitalization, legislative frameworks, and societal and economic alternatives. This open system approach adopts a forward-thinking perspective, as reflected in the multi-generational themes that encompass addressing present-day challenges, the future paradigm of greening 2.0, and the ultimate goal of achieving sustainable integration of human activity within a biodiverse biosphere.

The Plastics Update conference aims to present a multi-generational roadmap to shape plastics, more precisely defined as polymeric materials, that enable and contribute towards establishing a sustainable society.

<https://live.eventtia.com/en/plasticsupdatepicc/Home>

### **Automated Synthesis Forum 2023**

November 27–28, 2023, Novartis Campus Basel

The Automated Synthesis Forum (formerly the UKASF), is an annual conference, organised by a cross-section of scientists from the industrial and academic community. The focus of the conference is on cutting-edge, enabling technologies, both post- and pre-commercialisation, which expedite real-world research in the synthetic chemistry arena. The Forum has been operating for over 20 years and attracts representation from most major pharmaceutical and biotechnology companies, as well as an increasing number of academic institutions. The meeting also hosts an equipment exhibition, which includes manufacturers and vendors aligned to the meeting themes.

It was initially formed in 1996 by Dr. Nick Hird, formerly of SmithKline Beecham, as a discussion group focused on developing automated processes within combinatorial chemistry. The meeting has evolved and broadened in scope and now includes developments in analytical equipment, automated synthesis process improvements, emerging technologies and robotics.

Recent themes have included flow chemistry, photochemistry & electrochemistry, as well as developments in lab automation.

<https://automatedsynthesisforum.co.uk>

### **EFMC International Symposium on Chemical Biology (EFMC-ISCB 2023) 2023**

November 16–18, 2023, Congress Center Basel

The biennial EFMC-ISMC is a key symposium in the field of medicinal chemistry and drug discovery and it traditionally attracts around 1.000 participants both from industry and academia.

Taking over the successful series launched by the NCCR Chemical Biology, the meeting will continue its tradition of high scientific quality and bring together leading scientists to showcase the latest advances in the field of chemical biology. The symposium will be co-chaired by two prominent scientists, one from academia and the other from industry. The symposium programme will include keynote and invited lectures, short communications selected from submitted abstracts, a poster session, and an exhibition - with ample time for discussion and networking.

<https://efmc.info>

## LECTURES AT SWISS UNIVERSITIES

Please visit either the SCS website or the websites of the departments and institutes as shown below for the latest announcements and the exact location of the lectures.

[scg.ch/lectures](http://scg.ch/lectures)

### Event announcements at Swiss Universities

- EPFL Lausanne  
[memento.epfl.ch/insic/](http://memento.epfl.ch/insic/)
- ETH Zurich  
[chab.ethz.ch/en/news-and-events/events](http://chab.ethz.ch/en/news-and-events/events)
- University of Basel  
[chemie.unibas.ch/en/news-and-events/events](http://chemie.unibas.ch/en/news-and-events/events)
- University of Bern  
[dcbp.unibe.ch/ueber\\_uns/aktuelles/seminare](http://dcbp.unibe.ch/ueber_uns/aktuelles/seminare)
- University of Fribourg  
[unifr.ch/chem/en/info/agenda.html](http://unifr.ch/chem/en/info/agenda.html)
- University of Geneva  
[unige.ch/sciences/chimie/en/conferences](http://unige.ch/sciences/chimie/en/conferences)
- University of Neuchâtel  
[unine.ch/chim](http://unine.ch/chim)
- University of Zurich  
[chem.uzh.ch/en/events/schedule](http://chem.uzh.ch/en/events/schedule)
- PSI Villigen  
[psi.ch/en/science/scientific-events](http://psi.ch/en/science/scientific-events)
- EMPA Dübendorf  
[events.empa.ch](http://events.empa.ch)
- Eawag Dübendorf  
[eawag.ch/en/news-agenda/agenda](http://eawag.ch/en/news-agenda/agenda)



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chemistry*

an Open Access Journal by MDPI

### Editor-in-Chief







Prof. Dr. Matthew Jones

### Journal Information

*Sustainable Chemistry* (ISSN 2673-4079) is an international and cross-disciplinary scholarly, open access journal, which provides an advanced forum for studies that present significant advances in the development of alternative green and sustainable technologies for chemistry and chemical engineering. We welcome work focusing on the design of products and processes that minimize or eliminate the use and generation of hazardous substances to humans, animals, plants, and the environment.

*Sustainable Chemistry* publishes reviews, regular research papers (articles), and communications. The aim of *Sustainable Chemistry* is to encourage scientists to publish their cutting edge experimental and theoretical results in as much detail as possible for reproducibility and transparency. Therefore, the journal has no restriction on the maximum length of the papers. Full experimental details should be provided so that results can be reproduced.

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