

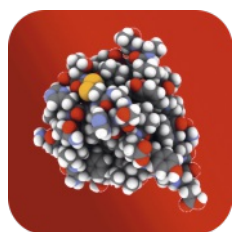


## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

#### Peptide Therapeutics Forum 2024



August 22–23, 2024, Biozentrum, University of Basel

This traditional, yearly event provides new trends and insights in 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.

interested parties from academia and industries.

#### Program

Thursday, August 22

- 09.00 Welcome coffee, exhibition, networking  
 09.45 Conference opening and welcome message  
 10.00 Prof. Christian Heinis, EPFL Lausanne  
 «Generating and screening large libraries of cyclic peptides for drug development»  
 10.30 Dr. Peter Timmermann, Biosynth  
 «Peptide Discovery using CLIPSTM Phage Display (PDL)»  
 11.00 Coffee break  
 11.30 Dr. Olof Ericson, Antaros Tracer  
 «Affibody peptides for PET imaging of active fibrosis»  
 12.30 Dr. Aurelién Bigot, Syngenta  
 «Bugs, plants and peptides – Unleashing the power of chemical ecology for sustainable crop protection»  
 13.00 Lunch break  
 14.20 4 Contributed talks à 10 min  
 15.00 Dr. Nicole Biber, Bayer  
 tba.  
 15.30 Coffee break  
 16.00 Dr. Louise Walport, The Francis Crick Institute, US  
 «Introducing covalency into mRNA-displayed cyclic peptides»  
 16.30 Dr. Christina Schröder, Gentech  
 «Discovery and development of disulfide constrained peptides»  
 17.00 Dr. Florence Brunel, Novo Nordisk  
 «A high potency protein that normalizes body weight in DIO mice through triple agonism at the FGF21, GIP-1 and GIP receptors»  
 17.30 Poster session & aperitif  
 18.30 End of day 1

Friday, August 23

- 08.45 Morning coffee, exhibition, networking  
 09.30 Prof. Hans-Dieter Arndt, University of Jena  
 «Natural Product derived Polyazole and Lipidated Cyclodepsipeptide Collections»  
 10.00 Prof. Mertixell Texeido, Gate2Brain  
 «Gate2Brain Blood-Brain Barrier Shuttle Peptides - From Discovery to Applications»

- 10.30 Coffee break  
 11.00 Prof. Roderich Süßmuth, TU Berlin  
 «The impact of peptide drugs on antibacterial research – it is time to resist!»  
 12.00 4 Contributed talks à 15 min  
 13.00 Lunch break  
 14.30 Dr. Patrizio Mattei, F. Hoffmann-La Roche  
 «Discovery of zosurabalpin»  
 15.00 Dr. Sivanewary Genapathy, Astra Zeneca  
 «The paradigm shift in peptide lead optimisation»  
 15.30 Coffee break  
 16.00 Prof. César de la Fuente, University of Pennsylvania  
 «AI for antibiotic discovery»  
 16.30 Bester poster & oral presentation award ceremony  
 16.50 Closing remarks and end of the symposium  
 17.00 End of the conference

#### Registration fees

Regular Non-member	CHF	200
Regular SCS Member	CHF	150
Student	CHF	50

#### Deadlines

11.08.2024 Registration deadline for participants  
 Abstract submission for posters and short talks is closed.

#### Contacts

Prof. Nina Hartrampf, University of Zurich  
 Prof. Roderich Süßmuth, Technische Universität Berlin  
 Dr. Thomas Vorherr, Technische Universität Berlin  
 Prof. Melpomeni Fani, University of Basel  
 Céline Wittwer, Swiss Chemical Society

#### Website

<https://ptf24.scg.ch>

#### Swiss Summer School on Chemical Biology 2024



August 25–29, 2024, Bergün

The Swiss Summer Schools are multi-day out-of-town courses for students (MSc, PhD & post-doc level) and senior researchers with a strong interest in the fields of chemical biology or organic synthesis. They offer a great platform for the exchange with experts and peers from academia and industry in a wonderful

Alpine environment. The students are welcome to actively involve themselves in the program by presenting a poster or a short communication.

#### Teaching Body

Prof. Dirk Trauner, University of Pennsylvania, USA  
 Prof. Anna Mapp, University of Michigan, USA  
 Prof. Brian Paegel, University of California, Irvine, USA  
 Prof. Ben Schumann, Imperial College London, UK

Prof. Stefan Arnold, King Abdullah University of Science and Technology, KAUST, SA  
 Dr. Guido Koch, Amphiphix, SynpleChem, eMolecules, CH

### Organizing Committee

Prof. Jean-Louis Reymond, University of Bern  
 Prof. Dennis Gillingham, University of Basel  
 Prof. Nina Hartrampf, University of Zurich  
 Dr. Hans Peter Lüthi, Swiss Chemical Society

### SCS-members

Student Participant (MSc. PhD)	CHF	780
Regular Participant	CHF	980

### Non-SCS members

Student Participant (MSc. PhD)	CHF	930
Regular Participant	CHF	1'130

### Deadlines

30.06.2024	Registration deadline
22.07.2024	Notification of acceptance

### Website

<https://summer-school24.scg.ch>

## SCS Fall Meeting 2024



September 5, 2024, University of Fribourg

The SCS Fall Meeting is the major regularly organized event of the Swiss Chemical Society and one of the largest annual research conferences in Switzerland. For decades, the SCS Fall Meeting has been a great platform for senior scientists to showcase their current research results as well

as for young chemists to present their research, often for the first time ever at a major conference. Be inspired by the people you will meet there and be part as one of the 1,000+ participants.

### Program Highlights

- Two plenary sessions with lectures of four SCS prize winners
- Nine thematic parallel sessions with keynote lectures and 15 min PhD presentations
- Poster Session during the Lunch Break
- Best oral and best poster presentation award ceremony
- Commercial Exhibition

### Topics of the Parallel Sessions

- Analytical Sciences
- Catalysis Science & Engineering
- Computational Chemistry
- Chemistry and the Environment
- Inorganic & Coordination Chemistry
- Medicinal Chemistry & Chemical Biology
- Organic Chemistry
- Physical Chemistry
- Materials Chemistry

### Plenary Speakers

- 09.30h: Werner Prize Winner 2024  
Prof. Athina Anastasaki, ETH Zurich
- 10.00h: Sandmeyer Award Winners 2024  
Prof. Urs von Gunten, Dr. Christa McArdell, Eawag Dübendorf  
«Advanced wastewater treatment»

- Green & Sustainable Chemistry Award Winner 2023:  
Prof. Ali Coskun, University of Fribourg
- Senior Industrial Science Award Winner 2024:  
Dr. Rosa Maria Rodriguez Sarmiento, Roche

### Organizing Committee

Prof. Ali Coskun, University of Fribourg  
 Prof. Christian Bochet, University of Fribourg  
 Maja Ivanovic, University of Fribourg

### Registration Fees

<b>SCS-members</b>	
Presenting a talk or a poster	free of charge

### Non-SCS members

Presenting a talk or a poster	CHF 250
Regular Participant	CHF 100

### Deadlines

08.07.2024	Publication of full program on the website
18.08.2024	Deadline for registration with invoice payment
25.08.2024	Deadline for registration (online payment)

### Website

<https://fm24.scg.ch>

## Ilmac Conference 2024 Day 1: «Latest Advances in (Semi-) Non-targeted Analysis»



September 18, 2024, Expo Beaulieu Lausanne

As part of Ilmac Lausanne, the symposium offers insights into (semi-) non-targeted methods in the analytical sciences and their specific applications in food chemistry.

Non-target-screening has developed in recent years from research into a promising method with a wide range of applications in analytical sciences. 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. The symposium is intended for participants from academia, expert laboratories and industry.

### Program

- |       |   |
|-------|---|
| 09.45 | Welcome and symposium opening<br>Presentation of SCS Division of Analytical Sciences and SwissFoodChem  |
| 10.10 | Keynote: Oliver Schmidt, Niedersächsisches Landesamt für Verbraucherschutz und Lebensmittelsicherheit (LAVES)   |
| 10.45 | Prof. Gavin O'Connor, TU/PTB Braunschweig<br>«Challenges in the standardisation of non-targeted quantitative methods of analysis»   |
| 11.15 | Short break   |
| 11.30 | Dipl. Ing. Heinz Singer, Eawag Dübendorf<br>«Unmasking the Unknown: Non-target Analysis in the aquatic environment»   |
| 12.00 | Valeria Leoni, Dr. Gregory Pimentel, Agroscope<br>«Non-targeted mass spectrometry in agricultural research: example of the identification of pollen species, and nutritional value of fermented food» |
| 12.30 | Lunch and networking  |

- 13.30 Start-up Session: 3min Pitches  
 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 Zurich  
 «High-resolution mass spectrometry to explore the reactivity and health-promoting functions of dietary fibers»
- 15.15 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 symposium  
 17.00 Ilmac Reception and Aperitif

### Organizing Committee

Hanspeter Andres, METAS and member of the board of the SCS Division of Analytical Sciences  
 Thomas Gude, Thomas Gude GmbH, SwissFoodChem

### Registration for Participants

Register for free with the SCS promo code: *scs-ilmac24*.

### Website

<https://scg.ch/ilmac/2024>

### Swiss Chemistry Science Night 2024



September 20, 2024, 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.

### 15<sup>th</sup> Swiss Course on Medicinal Chemistry 2024



October 13-18, 2024, Leysin

This five-day MedChem School focuses on most modern aspects associated with small molecule drug discovery, highlighting the methodologies and technologies supporting hit generation, lead finding and lead optimization *campaigns*.

As in previous years, the teaching content is targeted at young scientists

working in the area of medicinal chemistry, but also from flanking disciplines such as biochemistry, pharmacy, pharmacology, or biophysics from the pharmaceutical and biotech industry. Given the broad spectrum and the timeliness of scientific topics discussed, the course also provides a valuable opportunity for

advanced medicinal chemists to get acquainted with most recent developments in e.g. the medicinal chemistry of novel target families, novel compound classes, and most modern optimization paradigms. In addition, a number of PhD students and postdocs are able to attend to receive a broad overview on scientific disciplines involved in modern drug discovery.

The event is thematically structured along key topics of strategic relevance for medicinal chemistry that will be presented by opinion leaders in the field. The teaching content is further intensified by hands-on tutorials in which the theoretical learning's can immediately be applied to real life problems of pre-clinical drug discovery.

### Deadlines

08.09.2024 Registration deadline for participants

### Participation Fees

	SCS members	non-members
Students (MSc. PhD)	CHF 800	1'000
Postdoc	CHF 2'100	2'400
Regular Participant	CHF 3'300	3'700

The seminar fees include meals and accommodation for 5 nights.

### Website

<https://scmc24.scg.ch>

### 7<sup>th</sup> SCS-Syngenta Symposium 2024



October 24, 2024, Syngenta Research Center Stein (AG)

In this exciting event, we will explore the latest developments and advances in the field of chemical biology that are enabling researchers to find new approaches for medical research, drug development and biotechnology. We look forward to exploring with you the possibilities of

combining chemistry and biology to create breakthrough discoveries and solutions to the challenges of our time. Let's push the boundaries of knowledge together and shape the future of innovation!

The poster session at lunchtime provides a great opportunity for discussion and promotes exchange among the participants.

### Confirmed Speakers

Prof. Stephan Hacker, University of Leiden, NL

Prof. Patrick Barth, EPFL Lausanne, CH

Dr. Slava Ziegler, Max Planck Institute of Molecular Physiology, Dortmund, DE

Dr. Scott Lovel, University of Bath University, UK

Prof. Denis Gillingham, University of Basel, CH

Dr. Thais Gazzzi, F. Hoffmann-La Roche, Basel, CH

Dr. Philipp Ottis, Novartis, Basel, CH

### Programm Overview

- 08.30 Registration and welcome coffee  
 09.00 Session 1: opening + two invited lectures  
 10.25 Coffee break  
 10.55 Session 2: three invited lectures  
 12.40 Lunch and poster session  
 14.00 Session 3: two invited lectures + plenary lecture  
 16.00 Aperitif

### Organizing Committee

Dr. Sarah Sulzer-Mosse

Dr. Vlad Pascanu

Dr. Amandine Krieger

**Deadlines**

01.09.2024 Registration and abstract submission deadline

**Website**

<https://syngenta24.scg.ch>

**SCS Seminar on Intellectual Property (IP) 2024 – Hands-on Workshop for Scientist in Life Sciences**

November 7–8, 2024, Murten

The SCS Seminar on IP 2024 will focus on researchers, technology transfer managers, and others which are required to deal with life science related intellectual property, in particular patents, and enhance their capabilities to assess and manage patent related novelty, inventive step and freedom-to-operate risks. Some

basic knowledge about IP will be beneficial for this hands-on workshop.

The two days will also provide a platform to exchange practical experience on IP management and form a network that can be actively used also after the seminar.

**Target Group**

Scientists working in industry with some experience in the field of IP and patents

**Goals**

Participants will learn about

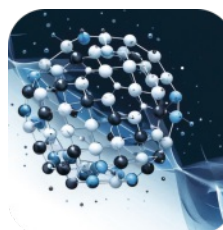
- Fundamentals about life science IP, in particular patents, in an international context for both chemistry and biotech related inventions.
- Practical guidance how to conduct patent searches for both patentability and freedom-to-operate questions including assessment and management of freedom-to-operate related risks.
- Practical guidance how to develop an IP protection strategy including designing patent claims ...

**Teaching Body and Experts**

- Dr. Christian Moser-Nickles, patent expert, Eidgenössisches Institut für Geistiges Eigentum (IGE)
- Dr. Michael Cock, Swiss Patent Attorney, European Patent Attorney, dr. kock consulting, Basel
- Dr. Anna Maria Villa, Patent Expert, QPIP
- Beat Rauber, Global Quality Manager Group Patents, F. Hoffmann-La Roche AG
- Dr. Mark Schweizer, President, Swiss Federal Patent Court
- Bernard Volken, Attorney-at-Law/Partner, Troller Hitz Troller
- Dr. Jonathan Thwaite, Head of Intellectual Property at Basilea Pharmaceutica Ltd

**Website**

<https://ipsem24.scg.ch>

**SCS Symposium on AI 2024**

November 24, 2024, University of Fribourg

The focus of this first event is on the use of AI in Quantum Chemistry. The rapid progress of Artificial Intelligence (AI) is transforming nearly every facet of our society and scientific research, with Quantum Chemistry not being an exception. AI transforms this field, rapidly

impacting molecular and material simulations at various scales [1- 3]. A critical examination of AI applications in Quantum Chemistry is essential to discern areas where AI can significantly contribute and identify realms where current AI approaches fall short. The conference will explore AI's dual role in advancing Quantum Chemistry by enhancing developments and accelerating quantum chemistry through AI surrogate models replicating its methods.

**Confirmed Speakers**

Prof. Alexandre Tkatchenko, University of Luxembourg  
 Prof. Markus Meuwly, University of Basel  
 Prof. Jeremy Richardson, ETH Zurich  
 Dr. Elias Polak, University of Fribourg

**Deadlines**

- 11.10.24 Deadline for abstract submission for short talks and posters
- 23.10.24 Notification of acceptance for posters and two contributed talks
- 01.11.24 deadline for registration

**Website**

<https://ai24.scg.ch>

**NON-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD****9<sup>th</sup> EuChemS Chemistry Congress 2024**

July 7–11, 2024, Convention Center Dublin

The EuChemS Congresses are noted for their excellent scientific level, and have a reputation for giving all the attendees and participants the opportunity to listen to and interact with some of the most celebrated researchers in the world.

Website: <https://euchems2024.org>

**Biointerfaces International Conference (BIC) 2024**

August 20–23, 2024, FHNW MuttENZ

Hear about exciting science and technologies across experimental and computational disciplines in the Biointerfaces community, from Swiss and international research teams in academia, hospitals and industry.

Website: <https://biointerfaces.ch>

**Swiss Pharma Science Day 2024**

August 21, 2024, University of Bern

«Challenges and Opportunities in Pharmaceutical Sciences»

It's the annual event of the Swiss Academy of Pharmaceutical Sciences (SAPhS, [www.saphw.ch](http://www.saphw.ch))

Four distinguished invited speakers will address this theme from the perspective of their respective disciplines.

Website: <https://saphw.ch>

### Workshop on tips and tricks for the crystal growth of inorganic materials 2024

August 26–27, 2024, Paul Scherrer Institute (PSI)

The main goal of the workshop on Tips and tricks for the crystal growth of inorganic materials is to bring together experts from the Solid State Chemistry and Condensed Matter Physics communities in order to discuss the accomplished progress and perspectives for future developments in the synthesis and crystal growth of materials with novel and interesting physical properties.

Website: <https://indico.psi.ch>

### EFMC-Young Medicinal Chemists Symposium 2024

September 5–6, 2024, Rome Italy

The 11<sup>th</sup> edition of this symposium will be held in Rome, Italy from September 5–6, 2024 and will be organised by the EFMC and its Young Scientists Network (YSN). It will immediately follow the EFMC-ISMIC 2024.

Website: <https://www.efmc-ymcs.org>

### LightChEC Summer School 2024

September 9, 2024, Aegerisee

The LightChEC Summer School aims to foster the collaboration of the different disciplines researching artificial photosynthesis. The University Research Priority Program LightChEC – Solar Light to Chemical Energy Conversion organises its biennial summer school. The LightChEC Summer School fosters collaboration between different disciplines researching (photo-) electrochemical water splitting. The attending PhD students and postdocs will be able to participate in lectures and workshops led by experienced researchers in electrochemistry, catalysis, and materials science. They will have the opportunity to discuss their own projects not only with each other but also with the experts from all over the world.

Website: <https://www.lightchec.uzh.ch>

### 20. Österreichische Chemietage 2024 (GÖCH)

September 23–25, 2024, Graz

Lectures, workshops, panel discussions, poster presentations, and excursions with experts from industry and research will focus on the main theme "Biobased Chemistry and Technology". The Austrian Chemical Society, GÖCH cordially invites you to participate in the 20th GÖCH Chemietage 2024 to be held from the 23<sup>rd</sup> to 25<sup>th</sup> of September at Graz University of Technology. Special mini-symposia will take place on Wednesday 25<sup>th</sup> of September in the afternoon.

Website: <https://chemietage.at>

### Zentralkurs Chemie 2024

October 9–11, 2024, Kantonsschule Im Lee

Dreitägige Ausbildungsveranstaltung für Lehrpersonen an Gymnasien und Kantonsschulen mit Vorträgen, Workshops und Exkursionen. Der Anlass wird vom VSN alle zwei Jahre organisiert.

Website: <https://zentralkurs-winterthur.ch/>

### EFMC-ISMIC 2024: the XXVIII EFMC International Symposium on Medicinal Chemistry 2024

October 13–18, 2024, Rome Italy

EFMC-ISMIC 2024 will continue its tradition and will cover drug discovery advances in all major therapeutic areas as well as the most recent advances in lead identification and optimization strategies.

Website: <https://www.efmc-ismc.org>

### SSbD24 Conference

November 27, University of Fribourg

The SSbD24 Conference aims to bring together experts from various relevant fields and sectors who have started to work on specific

methods, tools and criteria to enable the actual use of SSbD. Experts from industry and value chains using chemicals and materials will present their first-hand experience in applying the SSbD framework in case studies, and regulators will express their views on how to operationalize the concept and related policy needs.

Website: <https://www.empa.ch/web/s506/ssbd24>

## LECTURESHIP AWARDS

### SCS Lectureship Award 2024

*Prof. Kyoko Nozaki*, The University of Tokyo, Japan

New reactions mediated by homogeneous catalysis for organic and polymer synthesis

- Mon, Oct 14: ETH Zurich
- Tue, Oct 15: University of Zurich
- Wed, Oct 16: University of Fribourg
- Thu, Oct 17: University of Bern
- Fri, Oct 18: University of Geneva

Tour organizer: Prof. Jérôme Lacour, University of Geneva


The SCS Lectureships are supported by  


## 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.

<https://scg.ch/lectures>

Featuring expert chemists  
presenting research in organic  
synthesis, organic materials  
and circular chemistry





Check out dates  
& topics!

