

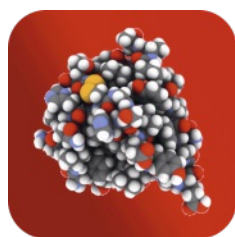


## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

#### Peptide Therapeutics Forum 2022



August 25–26, 2022, University Hospital Basel, Zentrum für Lehre und Forschung

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

The program includes invited lectures from experts working in academia and

industry from all over the world.

#### Program Thursday, August 25, 2022

- 09.00 Conference Opening  
 09.15 Welcome Message  
 10.00 Prof. Tom Grossmann, University of Amsterdam, NL  
 «Eptidomimetic Inhibitors of Wnt Signaling that Directly target  $\beta$ -Catenin»  
 10.30 Prof. Hiro Suga, University of Tokyo, JP  
 «The Next Generation RAPID System»  
 11.30 Coffee Break  
 12.00 Dr. Dominik Sarma, Belyntic, DE  
 «Developing Peptide Drugs faster with the Peptide Easy Clean (PEC) Technology»  
 12.30 Prof. Anne Conibear, TU Wien, AT  
 «Decorated Venom: Sulfation and Amidation of Alpha-Conotoxins»  
 13.00 Lunch Break  
 14.30 Prof. Beatriz Garcia De la Torre, University of KwaZulu-Natal, ZA and Dr. John Lopez, Novartis, Basel, CH  
 «Beyond the Application of RI as PAT in Solid-Phase synthesis»  
 15.00 Dr. Samuele Cazzamalli, Philochem, CH  
 «Small Molecule Therapeutics as an Alternative to Peptide Therapeutics: A Clean Strategy to Delivery Bioactive Payloads to Tumors»  
 15.30 Coffee Break  
 16.00 Prof. Ali Azhdarinia, University of Texas, US  
 «Fluorescent Peptide Conjugates for Intraoperative Imaging»  
 16.30 Prof. Gaurav Bhardwaj, University of Washington, US  
 «Computational Peptide Design for Target Therapeutics»  
 17.00 Poster Session & Aperitif

#### Program Friday, August 26, 2022

- 10.00 Dr. Paul Beswick, Bicycle Therapeutics, UK  
 «Bicycles® (Bi-Cyclic Peptides) as Novel Therapeutics to treat Antimicrobial Infection»  
 10.30 Prof. Ashraf Brik, Technion-Israel Institute of Technology, IL  
 «Modulating the Ubiquitin System with Cyclic Peptides: Chemistry and Biology»  
 11.00 Coffee Break

- 11.30 Prof. Frank Kirchhoff, University of Ulm, DE  
 «Peptidic Fusion Inhibitors for SARS Cov 2»  
 12.00 Dr. Martin Bossart, Sanofi, DE  
 «Design of SAR441255, a Potent Unimolecular Peptidic Triple GLP-1/GIP/GCG Receptor Agonist and its Effects on Weight Loss and Glycemic Control»  
 12.30 Lunch Break  
 14.00 Dr. Søren Østergaard, Novo Nordisk, DK  
 «Designing Potent and Selective Y2 Agonists»  
 14.30 Prof. Bill Lubell, University of Montreal, CA  
 «Inflammation Modulation by Peptide Conformation Demarcation»  
 15.00 Coffee Break  
 15.30 Dr. Dana Ault-Riche, Maastricht University, NL  
 «Non-Immunogenic Synthetic Proteins Composed of D-Amino Acids Potently Inhibit Tumor Growth»  
 16.00 Dr. Rami Hannoush, US Ventures, Mubadala Capital, US  
 «Engineered Peptide Agonists for Cellular Reprogramming and Tissue Regeneration»  
 16.40 Closing remarks

#### Organizing Committee

Prof. Melpomeni Fani, University of Basel  
 Prof. Roderich Süßmuth, TU Berlin  
 Dr. Thomas Vorherr, TU Berlin  
 Prof. Nina Hartrampf, University of Zurich.

#### Deadlines

Submission of poster abstracts	30.07.2022
Registration for on-site participation	08.08.2022
Registration for online participation	no deadline

#### Registration Fees

On-site	Regular Participants	CHF	200.00
	SCS Members and Postdocs	CHF	150.00
	PhD and MSc Students	CHF	50.00
Online	Regular Participants	CHF	100.00
	SCS Members and Postdocs	CHF	75.00
	PhD and MSc Students	CHF	50.00

#### Website

[ptf22.scg.ch](http://ptf22.scg.ch)

#### SCS Fall Meeting 2022



September 8, 2022, Irchel Campus, University of Zurich

The SCS Fall Meeting offers a unique opportunity for all members of the community to share the results of their research initiatives. With nine parallel sessions, two plenary sessions and a huge poster session the event stimulates the exchange of ideas between all generations of chemists.

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**Program Highlights**

- Two plenary sessions with lectures of SCS prize winners 2022
- Poster Session with more than 350 posters in 9 thematic sessions
- Nine parallel sessions focussing on a specific field with keynote lectures and 15 min PhD presentations
- Best oral and best virtual poster presentation award ceremony

**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
- Polymers, Colloids & Interfaces

**Programm**

09.15 Welcome and Conference Opening

**Morning Plenary Sessions**

- 09.30 Sandmeyer Award Lecture  
IBM Research, Zurich  
«Digitalization of synthetic organic chemistry to improve digital workflows with state-of-the-art machine learning technologies»
- 10.00 Swiss Green & Sustainable Chemistry Award Lecture 2022  
Prof. Xile Hu, EPFL Lausanne  
«Cooperative molecular, bio-, and electrocatalysis»
- 10.30 Coffee Break

**Morning Parallel Sessions (9 topics)**

10.45 Invited/Sponsored Lecture (30 min) Short Talks (15 min)

**Lunch Break**

- 12.30 Lunch and Poster Sessions, commercial exhibition
- 13.30 General Assembly of the youngSCS 2022  
Lead: Lluç Ferrera Soler, President youngSCS

**Afternoon Parallel Sessions (9 topics)**

- 14.30 Invited/Sponsored Lecture (30 min) Short Talks (15 min)
- 16.15 Coffee Break

**Afternoon Plenary Sessions**

- 16.30 SCS Senior Industrial Science Award Lecture 2022  
Dr. Bernd Kuhn, F. Hoffmann-La Roche AG  
«Details matter in structure-based drug design»
- 17.00 Paracelsus Award Lecture 2022  
Prof. Antonio Togni, ETH Zurich  
«For the Sake of Making Molecules»

**SCS Announcements and Ceremony Session**

- 17.45 SCS Announcements and Helvetica Prize of the Swiss Chemical Society 2022 (best published papers of PhD/ Postdocs 2021/22)
- 18.00 Best Oral Presentation Award (sponsored by Metrohm)  
Best Poster Presentation Award (sponsored by DSM)
- 18.30 End of the Conference

**Registration Fees (include lunch and coffee)****SCS Members**

- CHF 0.00 (free of charge) incl. presenting a talk or a poster

**Non-SCS Members**

- CHF 250.00 presenting a talk or a poster at the conference
- CHF 100.00 access to the conference without presentation

**Chairs of the Organizing Committee**

Prof. Roger Alberto, University of Zurich

Dr. Hans Peter Lüthi, ETH Zurich/SCS Foundation

**Website and Registration**

[fm22.scg.ch](http://fm22.scg.ch)

**Swiss Summer School on Chemical Biology 2022**

September 11–15, 2022, Eurotel Victoria, Les Diablerets

The Swiss Summer Schools are out-of-town seminars for MSc, PhD and postdoctoral students. There are two independent programs: The Summer Schools on Chemical Biology and the Summer Schools on Chemical Synthesis, managed by the Swiss Chemical

Society Divisions on Medicinal Chemistry & Chemical Biology and Fundamental Research, respectively.

**Registration and Fees**

	<i>SCS Member</i>	<i>Non-Member</i>
Student/Postdoc	CHF 740	CHF 890
Seminar Participant	CHF 940	CHF 1'090
Single room accomm.	+CHF 200	+CHF 200

**Teaching Body**

- Dr. Ingmar M. Hörr, Founder of CureVac, Tübingen, DE
- Prof. Claudia Höbartner, Julius-Maximilians-University Würzburg, DE
- Dr. Jean Quancard, Novartis Institutes for Biomedical Research, Basel
- Prof. Andrea Rentmeister, Westfälische Wilhelms-Universität Münster, DE
- Dr. Tamara Reyes Robles, Merck Exploratory Science Center, Cambridge, USA
- Prof. Edward Tate, Imperial College London, UK

**Industry Lecturers**

- Dr. Christoph Boss, Senior Vice President, Head of Drug Discovery Chemistry, Idorsia Pharmaceuticals Ltd.
- Dr. Erika Lüthi, R&D-Chemist and Project Manager, Valsynthese SA (Société Suisse des Explosifs Group)
- Dr. Daniel Latassa, Project Manager Valsynthese SA (Société Suisse des Explosifs Group)
- Dr. Markus Löweneck, Head of Research & Development, Senn Chemicals AG
- Dr. Mark Schäfer, Bachem AG

**Contacts and Chairs of the Organizing Committee**

- Prof. Jean-Louis Reymond, University of Bern (Scientific Chair)
- Dr. Hans Peter Lüthi, SCS Foundation (Administrative Head)

**Website and Registration**

[summer-school22.scg.ch](http://summer-school22.scg.ch)

## Swiss Chemistry Science Night 2022



September 16, 2022, Casino Bern  
The evening will be a celebration of discovery and innovation in the chemical sciences.

Moderated by Leslie Fendt, Personalized Healthcare Strategy Leader, F. Hoffmann-La Roche AG and Stefan Willitsch, University of Basel, President Division Fundamental Research.

### Program

- 17.00 Aperitif
- 18.00 Opening and welcome message:  
Christian Bochet, SCS President  
Invited guest speakers:  
Matthias Leuenberger, President scienceindustries  
Günther Dissertori, Rector ETH Zurich and President of the International Chemistry Olympiad (IChO) 2023
- 18.45 IChO 2023 in Switzerland: The event and its legacy
- 19.15 Dinner
- 20.30 Celebration of the SCS Award Winners 2022:
  - Prof. Antonio Togni, ETH Zurich
  - Prof. Fabian O. von Rohr, University of Zurich
  - RXN for Chemistry Project Team from IBM Research
  - Dr. Bernd Kuhn, F. Hoffmann-La Roche AG
  - Prof. Xile Hu, EPFL Lausanne
  - Dr. Mehrabi Kamiar, ETH Zurich
  - Dr. Urs Leisinger, Kantonsschule Zug
  - Dr. Paolo Lubini, Liceo cantonale di Lugano 2, Savosa
  - Mr. Michele D'Anna, Liceo cantonale di Locarno (retired)
  - Ms. Stefanie Rychard, HEIA Fribourg
- Celebration of the SCS Honorary Members 2022
  - Prof. Karl-Heinz Altmann, Reinach
  - Prof. Martin Quack, Pfaffhausen
  - Dr. Reto Naef, Rheinfelden
- 22.00 Dessert, coffee
- 23.00 Official end

Participation in the event is by invitation only. The event is supported by our SCS Partnership companies. Interested in a SCS Partnership? Please contact David Spichiger ([spichiger@scg.ch](mailto:spichiger@scg.ch))

## ILMAC Lausanne 2022



September 28–29, 2022, Expo Beaulieu Lausanne

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. Focus topic: «Sustainable Solutions in Laboratory and Production». As a user-oriented trade fair,

ILMAC is geared to experts in pharmaceuticals, chemicals, biotechnology, food, drinks, cosmetics and others.

Despite this wide range of sectors, ILMAC is still of particularly manageable proportions (it can be visited in a single day), is close to hand (staged in the midst of the pharmaceutical and chemical industries) and depicts the Swiss market in its entirety.

SCS, as the initial founder of the fair, is a partnering with Messe Schweiz and coordinates the collaboration with society partners and the Universities of Applied Sciences. It is also the official organizer of the ILMAC Forum activities.

## Flow Chemistry & Artificial Intelligence Symposium: «Towards the Close Loop»



September 28, 2022 Expo Beaulieu, Lausanne as part of ILMAC Lausanne (ILMAC Forum)

The two SCS networks on Flow Chemistry and Artificial Intelligence look forward to welcoming you to the ILMAC Symposium 2022. The symposium is aimed at colleagues from industry and academia who are interested in sustain-

able processes using flow technology and computer-aided self-learning systems.

### Program

- 09.00 Door opening of ILMAC Lausanne 2022  
Welcome Coffee
- 09.15 Symposium opening, incl. a short introduction of the two SCS Networks involved  
Torsten Luksch, Claudio Battilocchio

### Session 1

- Chair: Jacques Membrez, Givaudan
- 09.30 Timothy Noël, University of Amsterdam (NL)  
«Applications of continuous-flow photochemistry in organic synthesis»
  - 10.15 Arndt Finkelmann, Syngenta Crop Protection AG  
«Digital Chemistry at Syngenta: From academic labs to industrial applications»
  - 10.45 Francesca Paradisi, University of Bern  
«Challenges in Flow-Biocatalysis»
  - 11.15 Short Break
  - 11.30 Loïc Roch, Atinary Technologies  
«Atinary SDLabs: ML software solutions and self-driving labs to accelerate R&D today»
  - 12.00 Andrew deMello, ETH Zürich  
«Droplet-Based Microfluidics for Efficient Materials Discovery»
  - 12.30 Lunch Break

### Session 2

- Chair: Torsten Luksch, Syngenta Crop Protection
- 13.45 Amol Thakkar, IBM Research  
«Accelerating Chemistry with Cloud-based AI Driven Autonomous Labs»
  - 14.15 Hansjoerg Lehmann, Novartis Pharma AG  
«Flow Chemistry at Novartis R&D: The Impact of Automated Platforms and Self-Optimizing Systems in Modern Synthesis»
  - 14.45 Short Break
  - 15.00 Markus Lill group, University of Basel
  - 15.30 Bernhard Gutmann, Lonza  
«Continuous Flow Techniques for Fine Chemical Manufacturing»
  - 16.00 Richard Bourne, University of Leeds (UK)  
«Self Optimisation in Flow Chemistry»
  - 16.45 Closing remarks
  - 17.00 Aperitif

### Registration and Fees

Registration is mandatory but free of charge with the SCS promo code that is published on the SCS website. Please register via the [ilmac.ch](http://ilmac.ch) website.

**Website:** [ilmac.ch](http://ilmac.ch)

## 14<sup>th</sup> Swiss Course on Medicinal Chemistry 2022



October 9–14, 2022, Alpine Classic Hotel, Leysin

This five-day Medicinal Chemistry School that is organized by the Division of Medicinal Chemistry and Chemical Biology of the SCS will focus on most modern aspects associated with small molecule drug discovery, highlighting the methodologies and technologies sup-

porting hit generation, lead finding and lead optimization campaigns. As in previous years, the teaching content will be 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 will be able to attend to receive a broad overview on scientific disciplines involved in modern drug discovery.

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

### Experts:

- Dr. Sabine Hadida, Vice President at Vertex Pharmaceuticals  
«The cystis fibrosis drug portfolio»
- Dr. Andrew Mortlock, Vice President Oncology Projects and Alliances, AstraZeneca  
«A broad spectrum of drug discovery opportunities in the field of oncology with associated medicinal chemistry strategies»
- Dr. Robert Copeland, Chief Scientific Officer of Accent Therapeutics  
«Most modern aspects of drug discovery both, from a therapeutic perspective and a technology point of view»
- Dr. Nicholas A. Meanwell, Vice President at Bristol-Myers Squibb  
«Truly successful drug discovery campaign pursued at BMS that yielded in an innovative breakthrough medicine»
- Dr. Andy Phillips, Chief Executive Officer and President, C4 Therapeutics  
«The concept of targeted protein degradation in which synthetic conjugates of linked protein ligands are utilized to harness the innate power of the human organism to eliminate disease-causing proteins»
- Prof. Dr. Gerhard Klebe, University of Marburg and Prof. Dr. Peter Tonge, Stony Brook University, New York  
«The detailed aspects of thermodynamics and kinetics involved in the process of molecular recognition, and aspects of target engagement and drug action»

### Registration

The course is fully booked and registration is not possible anymore.

### Website

[scmc22.scg.ch](http://scmc22.scg.ch)

## SCS Seminar on Intellectual Property (IP) 2022 – Hands-on Workshop for Scientists in Life Sciences



November 7–8, 2022, Hotel Schloss Gerzensee

The SCS Seminar on Intellectual Property (IP) 2022 targets researchers, technology transfer managers, and others which are required to deal with chemistry and life science related intellectual property, in particular patents. The goal of the course is to enhance participants'

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.

### Goals

Participants will learn about:

- Fundamentals about chemistry/life science IP, in particular patents, in an international context for both chemistry and biotech related inventions
- Practical guidance how to develop an IP protection strategy including designing patent claims
- 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.

### Registration Deadlines and Fees

Aug 15, 2022, early bird registration	CHF 890.00
Oct 30, 2022, regular registration	CHF 950.00

### Experts and Organizers:

Prof. Heinz Müller, Dixit Translations LLC  
Dr. Michael Kock, Dr. Kock Consulting

Website: [ipsem22.scg.ch](http://ipsem22.scg.ch)

## ADDITIONAL CONFERENCES IN SWITZERLAND AND ONLINE EVENTS

### International Conference on Photochemical Conversion and Storage of Solar Energy (IPS-23)

August 2–5, 2022, SwissTech Center Lausanne

The IPS conference offers a versatile platform to discuss the latest advances in renewable energy and storage research, and to enhance the regional and international collaborations. It offers a versatile platform to discuss the latest advances in renewable energy and storage research, and to enhance the regional and international collaborations. The IPS-23 will welcome scientists, engineers, and students from all over the world to enrich their knowledge, interact to spark new ideas, and foster new collaborations and partnerships. The programme will include a combination of Plenary, invited talks, contributing talks, and poster presentations in a meeting which will bring a broad spectrum of the community together to discuss the latest advances in Energy conversion and storage research. The conference will have the scientific and social programme over five full days, with three parallel sessions after plenary talks.

[ips23.epfl.ch](http://ips23.epfl.ch)

**molQueST Conference 2022**

August 21, 2022, Congressi Stefano Franscini (CSF)

Atomic and molecular architectures on surfaces exhibit distinct quantum properties. Their reproducible manufacturing is gaining momentum and goes far beyond the single atom and the single spin. This is due to recent experimental breakthroughs and, on the other hand, due to increasing demand from other research areas, in particular quantum science/technology and quantum computing. «Quantum Science Emerging from Atoms and Molecules at Surfaces» builds upon breakthroughs in the art of making atomic and molecular architectures. Electronic and nuclear quantum states can now be manipulated at the single atomic level in a controlled surface environment by using either local probes or global electric and magnetic fields. This conference, as a continuation of the ones of 2014 and 2017, will address the use of quantum and spin states in atoms and molecules at surfaces for sensing, information storage, and information processing (logic) devices.

For the best poster/contributed oral presentation at the conference, the conference will award one young scientist with a prize of CHF 500, together with a certificate and a small Monte Verità memento. To be eligible for the award, the participant must be under 33 years old and either a PhD student or someone who has obtained her/his doctoral degree within the last 3 years.

[molquest.ch](http://molquest.ch)

**PSI-K Conference 2022 (postponed from 2020)**

August 22–25, 2022, EPFL Lausanne

This major conference – the largest worldwide in electronic-structure – brings together the community that is active in the field, as described by the PSI-K mission statement: «... to develop fundamental theory, algorithms, and computer codes in order to understand, predict, and design materials properties and functions. Theoretical condensed matter physics, quantum chemistry, thermodynamics, and statistical mechanics form its scientific core. Applications encompass inorganic, organic and bio-materials, and cover a whole range of diverse scientific, engineering, and industrial endeavours.»

The conference program will be structured around 3.5 days, that will include 7 plenary talks, 39 symposia in 6 parallel sessions (136 invited talks and ~170 contributed talks), and a MAD evening to shake it all off.

With more than 1000 participants expected, it will be a key event in the field, offering an intense but enjoyable atmosphere, in addition to a chance to explore the beautiful region around Lausanne and Lake Geneva.

[psik2020.net](http://psik2020.net)

**8<sup>th</sup> EuChemS Chemistry Congress (ECC) 2023**

August 28, 2022, Lisbon Congress Centre

The ECC is a scientifically excellent European chemistry meeting that reflects the outstanding research being done in Europe as well as its role in the international scientific community. The 8<sup>th</sup> EuChemS Chemistry Congress is being built under the unifying theme of Chemistry the Central Science, focusing on the central role of chemistry at the interfaces with biology, material and environmental sciences, both for the progress of humankind and for the solution of fundamental problems of modern societies. An exciting scientific program led by world class experts will develop around seven main scientific topics:

- Advances in Synthetic Organic Methodologies
- Metal Containing Compounds and Solids: Properties and Applications
- Chemistry meets Biology
- Colloids and Materials
- Biomaterials and Medicinal Chemistry
- Catalysis

- Spectroscopic and Analytical Tools / Advanced Physical Chemistry

[euchems2022.eu](http://euchems2022.eu)

**LightChEC Symposium & Summer School**

September 4–8, 2022, Les Diablerets

The LightChEC Summer School aims to foster the collaboration of the different disciplines researching artificial photosynthesis. By inviting experts in molecular chemistry and materials science, the students taking part in the school will participate in lectures and group work led by experienced researchers in the field. They will have time to discuss their projects not only with each other but also with the international experts.

Registration is open until the beginning of May.

The participation fee is CHF 250, including room and full board. [lightchec.uzh.ch/summerschool](http://lightchec.uzh.ch/summerschool)

**PharmaCamp 2022**

September 15–16, 2022, DCBP University of Bern

Where the top young talent meets pharmaceutical industry.

Compete with other young professionals and students in a pharmaceutical case-challenge.

Personalised Medicine - The Future of Pharma. Show your skills to leading pharmaceutical companies in Switzerland and win the award.

How does it work?

The event consists of two stages:

- Talks by experts in precision medicine and business.
- A pharma science/business casechallenge - winning team is awarded with 2'000 CHF.

Who can apply?

- Students
- PhD candidates & PostDocs
- Recent graduates in the fields of natural sciences, engineering, business.

We will select 25 participants based on their CVs and provide them with accommodation in Bern.

Applications: until 7<sup>th</sup> August 2022 at 11:00 AM

Website: [www.pharmacamp.ch](http://www.pharmacamp.ch)

**Organic Process Research and Development Course for the Pharmaceutical and Fine Chemicals Industries**

September 21–23, 2022, Basel

The efficient conversion of a chemical process into a process for manufacture on tonnage scale has always been of importance in the chemical and pharmaceutical industries. However, in the current economic and regulatory climate, it has become increasingly vital and challenging to do so efficiently. At Organic Process Research & Development Conference, you will hear detailed presentations and case studies from top international chemists. Our hand-picked programme of speakers has been put together specifically for an industrial audience. They will discuss the latest issues relating to synthetic route design, development and optimisation in the pharmaceutical, fine chemical and allied fields. Unlike other conferences, practically all their speakers are experts from industry, which means the ideas and information you take home will be directly applicable to your own work.

[scientificupdate.com](http://scientificupdate.com)

**Microplastics 2022**

November 6–11, 2022, Monte Verità, Ascona

The event will explore how synthetic polymers and plastics are currently used, how waste is managed, and how these materials will enter into and affect natural and engineered ecosystems. We will address the concerns related to the effects of increased plastics usage in terms of the sources, fluxes and accumulation of nano- and microplastics.

**Key Topics**

- Synthetic polymers and microplastics: innovation vs. risks
- Sources and fluxes
- Developments and Challenges of Analytical and Sampling Methodologies
- Freshwater systems
- Terrestrial and agricultural systems
- Plastics across ecosystem boundaries
- Interaction with biota and humans

[microplastics2022.ch](http://microplastics2022.ch)

**International Symposium on Chemical Biology (ISCB) 2022**

November 8–10, 2022, Campus Biotech, Geneva

This biennial event is organized by the NCCR Chemical Biology. The OC wish to expose delegates to new areas of research and allow for the cross pollination of ideas. New international collaborations and increased international visibility will hopefully be the outcome of this unique learning experience that comprises extensive poster sessions, ample time for discussion after each talk and opportunities for targeted networking.

[symposium.nccr-chembio.ch](http://symposium.nccr-chembio.ch)

**BioTechX 2022**

November 8, 2022, Basel

BioTechX is Europe's largest congress covering diagnostics, precision medicine and digital transformation in pharmaceutical development and healthcare. BioTechX successfully brings together an amalgamation of genomics, translational medicine, data scientists, IT, bioinformaticians, cheminformaticians, clinicians, healthcare and pharma companies. The event will showcase innovation, demonstrate success and break through the obstacles and barriers to ensure that the innovations in genomics and big data, enter the clinic with speed and efficiency.

Join us and be part of the story in 2022 with 400 speakers and 2,000+ attendees.

[terrapinn.com/conference/biotechx/index.stm](http://terrapinn.com/conference/biotechx/index.stm)

**9<sup>th</sup> EuChemS Chemistry Congress 2024**

July 7, 2024 - 16:00, Dublin (Ireland)

The ECC is a scientifically excellent European chemistry meeting that reflects the outstanding research being done in Europe as well as its role in the international scientific community. safe the date!

More information will follow in due time.

**SCS LECTURESHIP AWARDS**

The SCS Lectureship is awarded to world-class distinguished scientists and it is organized under the patronage of the Swiss Chemical Society. Over a week, the lecturer gives five presentations and discusses with colleagues at four to five different Swiss research institutions. The selection of the lecturers follows a bottom-up approach where PIs from all Swiss research institutions can propose candidates. The program covers all areas of chemistry. The choice among the proposed lectureships is made by the board of the Division of Fundamental Research (DFR) of the SCS.

**Prof. Edward I. Solomon**, Stanford University (USA)

«Activating Metal Sites for Biological Electron Transfer»

«Geometric and Electronic Structural Contributions to Fe/O<sub>2</sub> Reactivity: Correlations between metalloenzyme and heterogeneous catalysis»

- Mon, 10. October: University of Zurich
- Tue, 11. October: ETH Zurich

- Wed, 12. October: University of Bern and Fribourg
- Thu, 13. October: University of Basel
- Fri, 14. October: EPFL Lausanne

Tour organizer: Prof. Christophe Copéret, ETH Zurich

Additional tours that are planned in fall 2022 or early 2023:

**Prof. Abby Doyle**, Princeton University (USA)

«Organic synthesis, organometallic catalysis, and physical organic chemistry»

**Prof. Daniel G. Nocera**, Harvard University, Cambridge, MA (USA)

Research topic(s): Renewable energy, e.g. the artificial leaf and bionic leaf

**Prof. Mark S. Taylor**, University of Toronto (CAN)

Research Topics: Synthetic methodology, asymmetric catalysis, supramolecular and materials chemistry

The SCS Lectureship tours are financially supported by:

**LECTURES JULY AND AUGUST 2022**

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/isisic/](http://memento.epfl.ch/isisic/)
- 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)