



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

14th 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

supporting 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. The next course will take place in 2024.

Website

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

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

From Lab to Production - Insights into Process Chemistry 2022/2



November 10, 2022, 16.00h, University of Basel, Department of Chemistry, small lecture hall OC

The event series with 1–2 events per year at Swiss universities enables students and PhDs to get an insight into process chemistry. Besides teaching the basics, an illustrative example from industry is discussed.

Goals of the Event

- Understand the challenges in process chemistry and recognize the differences between laboratory work and chemical production.
- Get in contact with process chemists from industry and expand its own network.

Program

16.00	Welcome
16.10	Insights into process chemistry
16.30	Case study from industry
17.00	Aperitif

Program Directors

- Stefan Hildbrand, F. Hoffmann-La Roche AG
- Urs Brändli, Dottikon Exclusive Synthesis AG
- Maurus Marty, DSM Nutritional Products Ltd.
- Niklaus Künzle, Lonza AG

Registration

No registration is needed and the event is free of charge (sponsored by the SCS Division of Industrial & Applied Chemistry (DIAC)).

Website

scg.ch/process-chemistry22-2

19th Swiss Snow Symposium 2023



January 20–22, 2023, Saas Almagell
Swiss Snow Symposium 2023 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 guarantee a unique experience of science and fun.

Website

sss23.scg.ch

4th Swiss Industrial Chemistry Symposium, SICS 2023



January 27, 2023, University of Basel
The SICS is a one-day symposium with lectures, short talks and offers a unique platform for industrial scientists, working in research and process research, to present their latest results. The event will be completed with a poster session in which PhD students can also participate.

Website

sics23.scg.ch

CHanalysis 2023



March 30–31, 2023, Dorint Resort Blüemlisalp, Beatenberg

The goal of this two-day conference series is to stimulate a stronger interaction among persons working in different areas of analytical sciences. Scientists from applied and fundamental research, from industry, education, and regulation are welcome.

Website

cha23.scg.ch

SCS Spring Meeting 2023



April 14, 2023, Irchel Campus, University of Zurich

The Swiss Chemical Society Spring Meeting is a one day symposium and provides a high quality program with national and international speakers of a certain topic. The topic of the 2023 symposium is «Chemistry and Physics of the Atmosphere».

Chair

Prof. Roger Alberto, University of Zurich

Website

sm23.scg.ch

SCS General Assembly 2023

The Board of the SCS invites all members to join the SCS General Assembly 2023 at Irchel Campus, University of Zurich, on April 14, 2022 during lunch time. The agenda and all formal documents will be published on the website in Q1/2023.

16. Freiburger Symposium 2023



April 27, 2023, School of Engineering and Architecture of Fribourg HEIA-FR
The objective of this biennial conference is to regularly provide our members and other interested chemists working in process development and production with opportunities for professional training and networking.

This year's topic: «From Lab to Industrial Application - Trends/Innovation in Process Chemistry & Technology».

Website

fs23.scg.ch

ADDITIONAL CONFERENCES IN SWITZERLAND AND ONLINE EVENTS

Microplastics 2022

November 6–11, 2022, Monte Verita, 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

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

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

ANAKON 2023

April 11, 2023 – 09.00, Wien (Austria)

As the most important joint conference of German, Austrian and Swiss analytical chemistry, ANAKON 2023 offers the opportunity for scientific exchange between analysts from the German-speaking region - but also beyond.

anakon2023.at/welcome

Operando VII – the 7th International Congress on Operando Spectroscopy

May 7, 2023 - 12.00, Sunstar Hotel Grindelwald

The main objective of this congress is to bring researchers together to discuss the progress of operando methodologies, i.e. characterization of functional materials in their working state.

indico.psi.ch/event/8358/

Future Labs LIVE 2023

May 30, 2023 – 08.00, Congress Center Basel

This is the world's most diverse, stimulating, and exciting event for the future of all labs. Start-ups and disruptors will meet lab heads and lab techs, together with the tech & practice innovators. terrapinn.com/conference/future-labs-live/index.stm

International Chemistry Olympiad (IChO) 2023

July 16, 2023 – 10.00, ETH Zurich

The International Chemistry Olympiad (IChO) is an annual competition for the world's most talented chemistry students at the secondary school level. Nations around the world send a team of four students who are tested on their chemistry knowledge and skills in a five-hour laboratory practical exam and a five-hour written theoretical examination.

icho2023.ch

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.



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

«Activating Metal Sites for Biological Electron Transfer»

«Geometric and Electronic Structural Contributions to Fe/O₂ Reactivity: Correlations between metalloenzyme and heterogeneous catalysis»

Picture: chemistry.stanford.edu

- Mon, October 10: University of Zurich
- Tue, October 11: ETH Zurich
- Wed, October 12: University of Bern and Fribourg
- Thu, October 13: University of Basel
- Fri, October 14: 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. 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 OCTOBER 2022

Prix Schläfli in Chemistry I Mini Symposium & Award Ceremony
03. Oct 2022 – 16:00, ETH Zurich, Hönggerberg

Prof. Julie Feigon, University of California, Los Angeles, USA
03. Oct 2022 – 16:30, University of Bern

Prof. Ivana Fleischer, University of Tübingen, Germany
04. Oct 2022 – 10:45, University of Basel
«Catalysis and C-Chalcogen Bonds»

Prof. Eva Hevia, University of Bern
07. Oct 2022 – 10:45, University of Basel
«Exploiting Chemical Cooperativity for Arene Functionalisation»

Prof. Khalid Salaita, Emory University, Atlanta, USA
10. Oct 2022 – 16:30, University of Geneva

Prof. Archa Fox, University of Western Australia, Perth
10. Oct 2022 – 16:30, University of Bern

Dr. Taku Ogura, Nikkol Group Nikko Chemicals Co, Japan
10. Oct 2022 – 17:00, University of Fribourg

Prof. Jochen Niemeyer, University of Duisburg-Essen, Germany
14. Oct 2022 – 10:45, University of Basel
«Chiral Bronsted acids; What can be gained from multifunctional systems for organocatalysis?»

Prof. Jérôme Waser, EPFL Lausanne
20. Oct 2022 – 16:30, Université de Genève

Prof. Tobias A. M. Gulder, Technical University of Dresden, Germany
20. Oct 2022 – 17:30, University of Basel
«Microbial Biosynthetic Pathways - A Treasure Trove of Novel Biocatalysts and Bioactive Molecules»

Prof. Andreas Hirsch, Friedrich Alexander University Erlangen-Nürnberg, Germany
21. Oct 2022 – 10:45, University of Basel

Prof. Manuel Santos, University of Coimbra, Portugal
24. Oct 2022 – 16:30, University of Bern
«Functional and evolutionary roles of statistical proteomes»

Dr. Denis Gribkov, Syngenta Crop Protection
26. Oct 2022 – 16:30, University of Bern
«Route scouting, route design, and process development at Syngenta»
DIAC Fellowship 2022

Dr. Denis Gribkov, Syngenta Crop Protection
28. Oct 2022 – 09:00, Novartis Pharma AG
«Route scouting, route design, and process development at Syngenta»
DIAC Fellowship 2022

Prof. Birgit Esser, Universität of Ulm, Germany
28. Oct 2022 – 10:45, University of Basel

Clemens Plaschka, Institute of Molecular Pathology, Vienna, Austria
31. Oct 2022 – 16:30, University of Bern

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

scg.ch/lectures

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