

**SWISS
PHARMA
SCIENCE DAY
2024**



SAPhS
Swiss Academy of
Pharmaceutical
Sciences

**Wednesday 21 August 2024
Von Roll Campus University of Bern**



**«Challenges and Opportunities in
Pharmaceutical Sciences»**



Intention

The SWISS PHARMA SCIENCE DAY (SPhSD) is an annual event of the Swiss Academy of Pharmaceutical Sciences (SAPhS, www.saphw.ch). It offers a unique platform for scientists in the field of pharmaceutical sciences to meet, interact and learn.

The 17th SPhSD is placed under the theme of “Challenges and Opportunities in Pharmaceutical Sciences”. Four distinguished invited speakers will address this theme from the perspective of their respective disciplines. As in previous years, MSc and PhD students, as well as Post-Docs of the Swiss Academic Institutions for Pharmaceutical Sciences will have the opportunity to present their latest research in a poster session. Additionally, three poster abstracts will be selected by the scientific committee for a short lecture. A roundtable discussion will close the scientific part, followed by the award ceremony and the traditional apero.

One of the primary goals of the SPhSD is to promote professional and social contacts between students, postdocs and established scientists in industry, academia, hospitals, public health administration, and public pharmacies. For students and young scientists the SPhSD offers a unique platform for learning about opportunities and career paths in various professional fields. Established scientists can meet young scientists who may be recruited for a position in their organisation.

We look forward to seeing you all in Bern!

Organizing Committee:

Prof. Matthias Hamburger, PhD, Prof., SAPhS
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Rudolf Brenneisen, PhD, Prof., SAPhS
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Klaus Eyer, PhD, Prof., Aarhus University, SAPhS
eyerk@biomed.au.dk

Program

09:00 – 10:00 **Registration, Welcome Coffee**

10:00 – 10:15 **Welcome Addresses**

- Ursula von Mandach, PhD, Prof.
Co-President SAPHs
- Verena Schröder, PhD, Prof.
Co-President SAPHs

10:15 – 11:30 **Morning Session**

Chair: Verena Schröder, PhD, Prof.

10:15 – 10:45 **Lecture 1: New Paths to New Drugs**

Steve Pascolo, PhD, MD, PD
University Hospital Zurich

«Synthetic mRNA – New Paths to New Drugs»

10:45 – 11:15 **Lecture 2: Artificial Intelligence
– Friend or Foe?**

Stéphane Guerrier, PhD, Prof.
University of Geneva

«Data Analytics and Artificial Intelligence
in Pharmaceutical Sciences»

11:30 – 14:00 **Lunch Break and Poster Session**

Program (cont.)

14:00 – 16:15

Afternoon Session

Chair: Klaus Eyer, PhD, Prof.

14:00 – 14:45

3 Short Oral Presentations of Selected Abstracts (SOPs)

14:00 – 14:15

Ana Katrina Mapanao
PSI

«Preclinical radionuclide therapy of neuroendocrine neoplasms using radiolabeled somatostatin analogues»

14:15 – 14:30

Remo Eugster
University of Bern

«Machine learning-driven optimization of liposomal drug development in microfluidic systems»

14:30 – 14:45

Tamara Balsiger
University of Basel

«Natural product drug discovery pipeline reveals ellagic acid to reduce forgetting in *Caenorhabditis elegans* through specific Musashi inhibition»

14:45 – 15:15

Lecture 3: Formulation Science and Manufacturing

Jean-Christophe Leroux, PhD, Prof.
ETH Zurich

«3D Printing of Drug Eluting Devices: A Research Perspective»

Program (cont.)

- 15:15 – 15:45** **Lecture 4: Improving Pharmaceutical Care**
- Carla Meyer-Masseti, PhD, Prof.
University Hospital Inselspital Bern
- «Clinical Pharmacy – Improving Medication Safety»
- 15:45 – 16:15** **Coffee break**
- 16:15 – 16:45** **Roundtable**
- Moderator: Prof. Dr. Gerrit Borchard
- All speakers
- Discussion of Lectures 1-4
- 16:45 – 17:15** **Award Ceremony**
- SAPhS Fellow 2024
- Poster Prizes
- 17:15 – 17:30** **Closing Remarks**
- 17:30 – 18:30** **Farewell Apéro**

Registration

- **Registration:**
via www.saphw.ch
- **Fees:**
 - Early registration until 31 July 2024: CHF 100.00 for students, PhD students, employees of SAPHs collective members, and SAPHs supportive members; CHF 150.00 for SAPHs non-members.
 - Late registration and onsite cash payment: CHF 150.00 and 200.00, respectively.
 - Refund (fee minus CHF 10.00) in case of cancellation by e-mail until 14 August 2024.
 - The invoice will be sent by e-mail after registration.
- **FPH credits:** 50 points Hospital Pharmacy, 50 points Clinical Pharmacy, 50 points Officin Pharmacy.

Abstracts

- **Submission:**
Send to sphsd@saphw.ch (new!) by latest 31 July 2024.
- **Abstract format (mandatory):** 1 page, Word, no PDF
 - Title (Arial 11, bold; short, precise)
 - First (initials) and family names (Arial 10, bold, presenting author, affiliation¹)
 - ¹Affiliation, postal code, city (Arial 9, italic normal)
 - Introduction (Arial 11, normal, not justified, line spacing 1)
 - Aims
 - Methods
 - Results
 - Conclusions
 - Keywords
 - References (optional, Arial 9, normal)

Posters

- **Format:** A0 landscape or portrait
- **Mounting/removing:** 9-10 / 17.30 - 18 h, pins available
- **Prizes:** 1st, 2nd, 3rd, Pharm. Biology, Pharm. Technology, Clinical Pharmacy

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**Stiftung der Gesellschaft Schweizer
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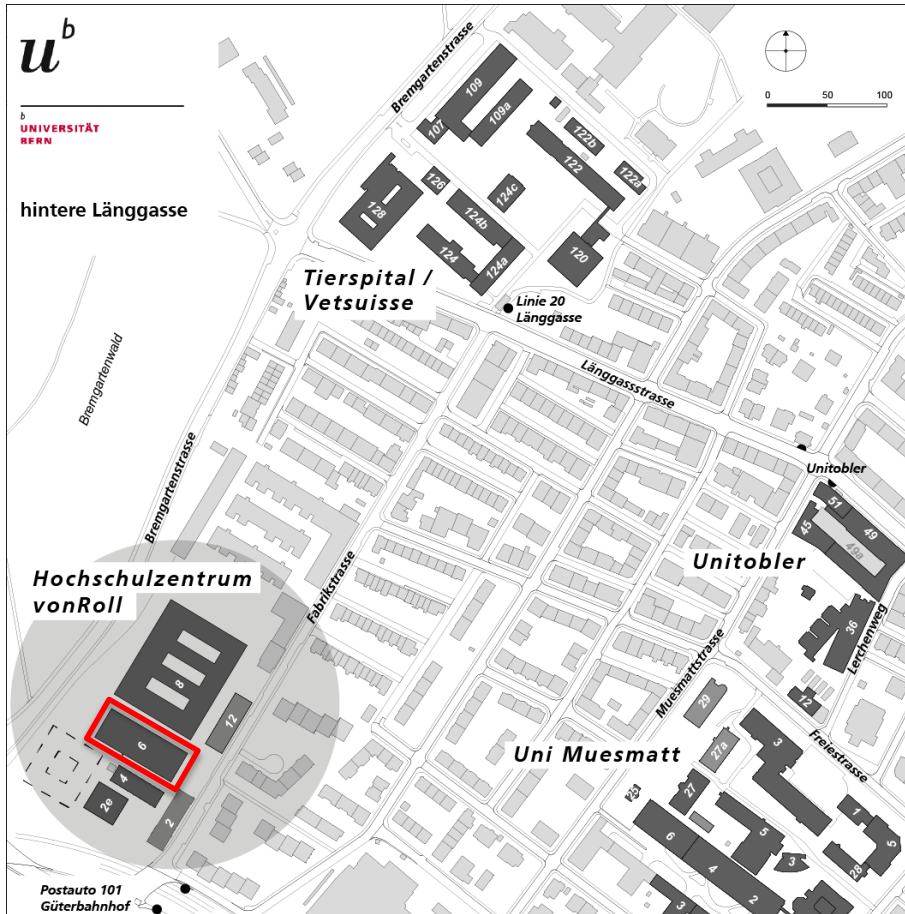
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For 3rd poster prize



Location and Directions

«Hochschulzentrum von Roll», Fabrikstrasse 6, 3012 Bern
Hörraumgebäude 6, Hörsaal 003 + Foyer



Public transportation:

SBB, Hauptbahnhof Bern → Postautostation → Bus 101, direction «Hinterkappelen» → exit «Güterbahnhof» or Bus 20, direction «Länggasse» → exit «Länggasse» → Fabrikstrasse → HSZ von Roll → Hörraumgebäude 6.

Car:

A12 → exit «Forsthaus» → Parking «Inselspital»; on site very limited parking space available.

Accommodation

Hotels in Bern:

see Bern – Welcome www.bern.com/de/uebernachten/hotels