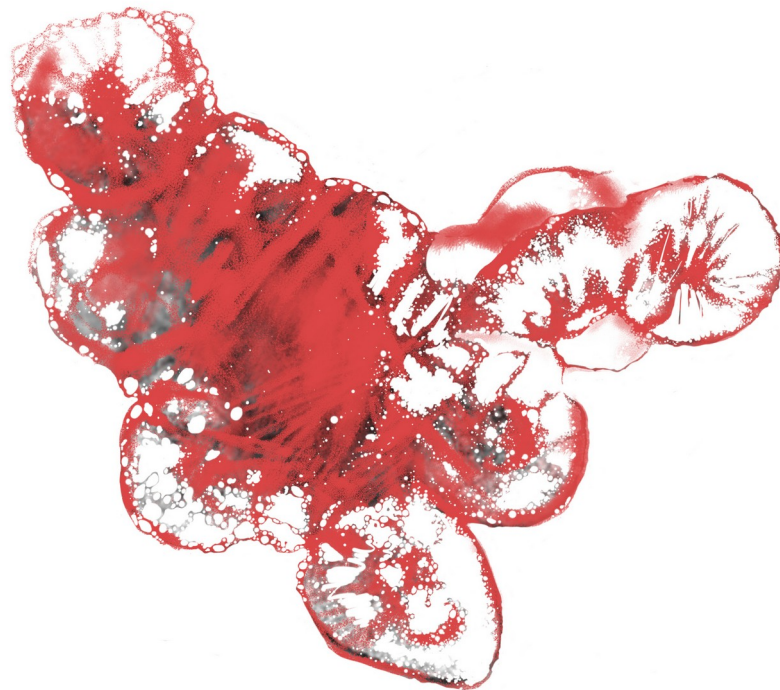


**Spring Meeting of the Swiss Society
of Pharmacology and Toxicology**

Human Model Systems in Pharmacology and Toxicology

April 22, 2026, Inselspital Bern

Auditorium Langhans



Source: Aldona von Gunten, Bern



Info: www.swisspharmtox.ch

SSPT Spring Meeting 2026

Auditorium Langhans, Inselspital Bern

April 22, 2026

- Organizing Team: Alexander Jetter, University of Zürich/ Stephan Kellenberger, University of Lausanne/ Georgia Konstantinidou, University of Bern/ Hugo Kupferschmidt, Winterthur/ Patrycja Nowak-Sliwinska, University of Geneva/ Theresa Placke, Syngenta Basel/ Caroline Samer, University of Geneva/ Martin Traber, Roche Basel/ Gabriele Weitz-Schmidt, AlloCyte Basel.
- Sponsors: Akademie der Naturwissenschaften Schweiz (SCNAT) (deficit guarantee), Life Sciences Switzerland (LS2), Institute of Pharmacology, University of Bern, Swiss3RCC
- Credit points: SSCPT: 7 credit points; SGPM: 7 credit points; GSASA: 45 FPH points in hospital pharmacy and 45 FPH points in clinical pharmacy; FPH Offizin: 50 FPH points in community pharmacy; RESAL: requested
- Deadline: Abstract submission and registration deadline: March 23, 2026, **EXTENDED: April 13, 2026**

Draft Programme

Registration & Poster Set-Up
08:00 - 09:00

Session I
09:00 - 10:05

Human model systems - Pharmaceutical research & Toxicology

Chairs: Gabriele Weitz-Schmidt, AlloCyte Basel & Stephan Kellenberger, University of Lausanne

- 09:00 - 09:05 **Martin Traber, Roche Basel, SSPT President**
Welcome address
- 09:05 - 09:35 **Michael Bscheider, Roche Innovation Center Basel**
In-vitro epithelial- and immunobiology for drug development
- 09:35 - 10:05 **Marie-Gabrielle Zurich, University of Lausanne**
Human induced pluripotent stem cells-derived models to evaluate the developmental neurotoxicity induced by chemicals

Coffee Break & Poster Viewing
10:05 - 10:30

Session II

10:30 - 12:00

Human model systems - Cancer research and translation

Chairs: Georgia Konstantinidou, University of Bern & Thomas Kaufmann, University Bern

- 10:30 - 11:00 **Patrycja Nowak-Sliwinska, University of Geneva**
Precision on a plate: Human organoids and multi-organ models
- 11:00 - 11:30 **Marianna Kruithof-de Julio, University of Bern**
From organoids to algorithms: Translational platforms for precision oncology in solid tumors
- 11:30 - 12:00 **Intidhar Labidi-Galy, University of Geneva**
Expanding the therapeutic window of PARP inhibitors by co-administering PARP inhibitors

Poster Session & Buffet Lunch

12:00 - 13:30

12:00 -12:45: Poster with even numbers; 12:45 - 13:30: Poster with odd numbers

Session III

13:30 - 15:15

Contributor talks & Human model systems in space

Chairs: Hugo Kupferschmidt, Winterthur & Stephan von Gunten, University of Bern

- 13:30 - 13:45 **Sacha Jacobs, University of Geneva (03)**
Optimizing Combinatorial Therapies in a Complex, Human-Relevant Model of Colorectal Cancer
- 13:45 - 14:00 **Philipp M. Späne, University of Basel (11)**
Inhibition of Non-Drug-Metabolizing CYP450s: Interference of steroidogenesis by azole antifungals
- 14:00 - 14:15 **Massimo Frangiamone, University of Lausanne (18)**
Can we improve the maturation of oligodendrocytes in a hiPSC-derived 3D brain model ?
- 14:15 - 14:45 **Parth Chansoria, ETH Zurich**
Biofabrication across frontiers: Engineering contractile muscle tissues in microgravity

Coffee Break

14:45 - 15:15

Session IV

15:15 - 16:15

Human model systems - Organ-on-chip technology & Regulatory considerations
Chairs: Carole Bourquin, University of Bern & Alexander Jetter, University of Zurich

15:15 - 15:45

Olivier Guenat, University of Bern

From lung-on-chip to vascularized tumor-on-chip

15:45 - 16:15

Elisabeth Klenke, Nonclinical Assessment Division of Swissmedic

Human model systems in drug development: Context of use, qualification, and regulatory adoption

Panel Discussion

16:15 - 17:00

Moderator: Martin Traber, Roche Basel, SSPT President

Prize Awards

17:00 - 17:10

17:00 - 17:05

SSPM Prize for best poster in pharmaceutical medicine (awarded by Marc Froissart, University of Lausanne)

17:05 - 17:10

SSPT Prize for best poster & best contributor talk (awarded by Hugo Kupferschmidt, Winterthur)

Concluding Remarks

17:10 - 17:15

Martin Traber, Roche Basel, SSPT President

17:30 - 18:15

SSEP General Assembly (for SSEP members)