

Spring Meeting of the Swiss Society  
of Pharmacology and Toxicology

# TO VACCINATE OR NOT TO VACCINATE

April 11, 2019, Inselspital Bern



Source: Aldona von Gunten



## SSPT Spring Meeting 2019

Auditorium Langhans, Inselspital Bern

April 11, 2019

Organizing Team: Thierry Buclin, University Hospital (CHUV) of Lausanne / Stephan von Gunten, University of Bern/ Hugo Kupferschmidt, Tox Info Suisse Zürich / Elisabeth Rosner, Nestlé Skin Health / Martin Traber, Roche Basel / Thomas Weiser, Roche Basel /Gabriele Weitz-Schmidt, AlloCyte Basel

Support: Interpharma, ImmuPhar, Life Science Switzerland LS2, SCNAT (deficit guarantee)

Deadlines: Extension of abstract submission and registration deadline: **April 5, 2019**

### Programme

**Registration and poster set-up**  
**08:00 - 09:00**

**Session I**  
**09:00 - 10:40**

Chairs: Stephan Krähenbühl, University of Basel, Martin Traber, Roche Basel

- 09:00 - 09:10 **Martin Traber**, Roche Basel, President of the SSPT  
Welcome address
- 09:10 - 09:40 **Ulrich Heiniger**, University of Basel  
Vaccination - The basics which you should know
- 09:40 - 10:10 **Martin Bachmann**, University Hospital Bern  
Vaccination against chronic diseases using virus-like particles
- 10:10 - 10:40 **Christoph Aebi**, University of Bern  
Vaccination of children

**Coffee break and poster viewing**  
**10:40 - 11:00**

**Session II (Including Rapid Fire)****11:00 - 12:00**

Chairs: Stephan von Gunten, University of Bern; Hugo Kupferschmidt, Tox Info Suisse

- 11:00 - 11:30 **Béhazine Combadière, Université Paris-Sorbonne (F)**  
*ImmuPhar*  
*Lecture*  
Impact of epidermal/dermal route of vaccination compared to intramuscular route on innate and adaptive immune response following vaccination
- 11:30 - 11:35 **Sandra Hocevar, University of Geneva**  
Investigating the gold nanoparticle interaction with B lymphocytes in vitro and in vivo to deduce their appropriateness for vaccine delivery.
- 11:35 - 11:40 **Roberta Nosedà, Institute of Pharmacological Sciences of Southern Switzerland**  
Immune checkpoint inhibitor toxicity in elderly patients: analysis of WHO global database of suspected adverse drug reactions
- 11:40 - 11:45 **Flavia Berger, University of Bern**  
Impact of Poison Center consultation on the management of patients at an emergency department
- 11:45 - 11:50 **Bisera Stepanovska, University of Bern**  
A regulatory role of S1P lyase in brain endothelial cell barrier function
- 11:50 - 11:55 **Martin Ehrhardt, University of Bern**  
The role of ceramide kinase in breast cancer metastasis
- 11:55 - 12:00 **Kim Kaplan, University of Bern**  
The role of the p73-ATG5 axis in regulating autophagy in atopic dermatitis and psoriasis

**Poster session and buffet lunch****12:00 - 14:00**

12:30 - 13:15 poster 1-15 / 13:15 - 14:00 - poster 15f

**Session III****14:00 - 15:30**

Chairs: Thierry Buclin, CHUV Lausanne; Gabriel Schnetzler, Roche Basel

- 14:00 - 14:30 **François Spertini, CHUV Lausanne**  
From the lab to early phase vaccine trials
- 14:30 - 15:00 **Daniel Speiser, University of Lausanne**  
Human T cell vaccination and immune inhibition in cancer
- 15:00 - 15:30 **Thomas Kündig, University of Zürich**  
Therapeutic Vaccination in Allergy and Dermatology: Human and Veterinary Applications

**Coffee Break**  
**15:30 - 16:00**

**Session IV (Young Investigator Presentations/Keynote Lecture)**  
**16:00 - 17:15**

Chairs: Csaba Szabo, University of Fribourg; Thomas Weiser, Roche Basel

- 16:00 - 16:15     **Eloise Dupuychaffray, University of Geneva**  
A self-adjuvanting cancer vaccine elicits a strong immune response through TLR2 and TLR4 activation
- 16:15 - 16:30     **Kayluz Frias Boligan, University of Bern**  
Siglec-9+ and Siglec-9- natural killer (NK) cells as effectors of the immune system
- 16:30 - 16:45     **Darko Stojkov, University of Bern**  
A requirement for the large-conductance calcium-activated potassium (BKCa) channel for NET formation
- 16:45 - 17:15     **Virginie Masserey Spicher, Federal Office of Public Health, Switzerland**  
*Keynote Lecture* Public health vaccination programmes and strategy in Switzerland and in the World in 2019

**Novartis Prize for best poster and best young investigator presentation**  
**17:15 - 17:25**

**Concluding remarks and end of meeting**  
**17:25 - 17:30**

**17:45 - 18:30     SSEP General Assembly: SSEP members only - Auditorium Langhans**