SSEP ANNUAL REPORT 2019

Memberships: On Dec. 2019 the SSEP had 102 members including two honorary members (Prof. Harald Reuter, Prof. Hanns Paul Möhler).

Board:

President: Prof. Dr. Stephan von Gunten, University Bern
Past-President: PD Dr. Gabriele Weitz-Schmidt, AlloCyte Pharmaceuticals AG, Basel
Secretary: PD Dr. Stephan Kellenberger, University Lausanne
Treasurer: PD Dr. Matthias Wyss, University Zurich
Council member: Prof. Dr. Carole Bourquin, University Geneva
Council member: Prof. Dr. Leonardo Scapozza, University Geneva
Council member: Prof. Dr. Csaba Szabo, University Fribourg

Board meetings: Two SSEP board meetings took place in 2019, one in Zurich on February 15, during the LS2 Annual Meeting 2019, and one in Bern on October 28, 2019. The general assembly of the SSEP took place during the SSPT Spring Meeting on April 11, 2019.

SSEP Website and communication: The website of the SSEP on https://naturalsciences.ch/organisations/ssep is integrated in the web platform of the Swiss Academy of Sciences (SCNAT) and was updated by the SSEP secretary to provide current information on society activities and scientific meetings. Contributions to the News and Highlights section with selected original publications from SSEP members were received and uploaded from the groups of the president (SVG) and one council member (CS). SSEP members are encouraged to apply with a brief statement on impact and relevance to other society members (see information on website). Members regularly received society news via e-mail.
SSEP News and Highlights 2019:

- **Overproduction of H2S, generated by CBS, inhibits mitochondrial Complex IV and suppresses oxidative phosphorylation in Down syndrome.**
  Panagaki T, Randi EB, Augsburger F, and Szabo C.

- **The architecture of the IgG anti-carbohydrate repertoire in primary antibody deficiencies (PADs)**

- **Siglec-9 regulates an effector memory CD8+T-cell subset that congregates in the melanoma tumor microenvironment**
  (Cover story)

**LinkedIn**: As a second internet platform, the SSEP hosts an interest group on LinkedIn. Registered members can access information on scientific meetings relevant to experimental pharmacology.

**Scientific and educational activities**: In 2019, members of the SSEP were engaged in the organization of the following scientific events:

- **SSPT Symposium “Advances in Pharmacology - Drug delivery by pharmacists according to major symptoms” in Bern, on January 23, 2019.**
  Organization: SSPT task force with Prof. Leonardo Scapozza and Prof. Hans-Uwe Simon.

- **SSEP symposium entitled " Sweet molecules in inflammation & cancer (Glycosciences)" at the LS2 Annual Meeting 2019 in Zurich on February 14-15, 2019.**
  Organization: SSEP task force with Prof. Stephan von Gunten.

- **SSPT SSPT Spring Meeting 2019 entitled “To vaccinate or not to vaccinate” in Bern on April 11, 2019.**
• Organization: SSPT task force with PD Dr. Gabriele Weitz-Schmidt and Prof. Stephan von Gunten

• 18th International Summer School on Inflammation, Immunomodulation, Inspiration, in Bönigen (CH), from July 28-30, 2019.
  Organization: Prof. Hans-Uwe Simon (SSEP). Patronage: SSEP

Prizes: The following SSEP members were honored with prizes at the SSPT Spring Meeting 2019 in Bern: Bisera Stephanovska, group of Prof. Andrea Huwiler, University of Bern (best poster), and Darko Stojkov, group of Prof. Hans-Uwe Simon, University of Bern (best oral presentation).

International contacts: The SSEP keeps close contact to international societies and associations including IUPHAR and EPHAR. Prof. Hans-Uwe Simon, University Bern is Vice-Chair of the Immunopharmacology Section of IUPHAR.

Travel grants: In 2019 SSEP/SSPT travel grants were awarded to SSEP members: Anand Vaithia Natha Subrmanian, Lausanne, Zhong Peng, Lausanne, Shuang Peng, Bern, and Quentin Haas, Bern.

I would like to thank my colleagues on the board as well as the SSEP members for stimulating discussions and for the support throughout the reporting period.

Prof. Dr. Stephan von Gunten

Bern, April 9, 2020

President SSEP