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## 1<sup>st</sup> Forum « Trends in Pharmaceutical Sciences »



Monday April 20, 2015, 10.00 – 12 h

House of the University of Bern, Schöslsstr. 5, 3008 Bern <http://www.hausderuniversitaet.ch/>

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The Swiss Academy of Pharmaceutical Sciences (SAPhS) represents and fosters Pharmaceutical Scientists and Sciences in Switzerland. Together with Prof. Gerd Folkers of the Collegium Helveticum the SAPhS is organizing a series of expert panels on latest scientific progresses, named “Trends in Pharmaceutical Sciences”. The event would include a short introduction into a topic of high interest, followed by an informal Q&A session.

For the first forum in this series we are very happy that

***Prof. Dr. Antonio Lanzavecchia***  
***Director of the Institute for Research in Biomedicine (IRB), Bellinzona***

will join us and present and discuss his exciting work on

***“Broadly Neutralizing Antibodies for Serotherapy and Vaccine Design”.***

The immune system develops antibodies against specific pathogen epitopes as one means of protection against infection. These antibodies may also be used to develop vaccines and sera against the specific pathogen. Many viruses, such as HIV and influenza, however, show a rapid “genetic drift”, which means that antigenic epitopes undergo structural changes and render antibodies ineffective. The recent discovery of neutralizing, i.e. effective antibodies against HIV, has lead to the discovery and development of broadly neutralizing antibodies that are directed against highly conserved epitopes of pathogens. Based on this research, the development of efficient HIV and pan-influenza vaccines may prove feasible.

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Please register via [www.saphw.ch](http://www.saphw.ch). There is no fee for SAPhS members. For non-members the fee is CHF 20.00, payment on-site. Registration is also required for the following lunch (optional, not included).

Prof. Dr. Gerrit Borchard  
President SAPhS

Prof. Dr. Gerd Folkers  
Collegium Helveticum

Prof. Dr. Rudolf Brenneisen  
Secretary General SAPhS

Bern, March 16, 2015