

## How to get there:

### From the train station:

Bus Nr. 11, direction «Güterbahnhof»  
Bus stop «Inselspital», see «Bus 11» on the map.

### At the Inselspital:

Auditorium Ettore Rossi, Kinderklinik,  
Freiburgstrasse, Entrance 31B

## Registration until March 24, 2014:

<http://www.akademien-schweiz.ch/pershealth>

### Contact:

[research@samw.ch](mailto:research@samw.ch)



Akademien der Wissenschaften Schweiz  
Académies suisses des sciences  
Accademie svizzere delle scienze  
Academias svizas de las ciencias  
Swiss Academies of Arts and Sciences



Symposium

## From Systems Medicine to Personalized Health

International State of the art &  
Swiss perspectives

Monday, March 31, 2014  
Inselspital | Bern



SAMS  Swiss Academy  
of Medical Sciences

**ETH**  
Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

Efforts are being undertaken to set up a new research initiative in Switzerland about «Personalized Health». The vision of the national initiative is to develop and broadly implement a translational science program at the intersection of -omics, systems biology and personalized medicine for the benefit of the health status of the Swiss population.

The symposium aims to offer a high-level overview and input through keynote lectures from international pioneers presenting their results and experiences. A Swiss perspective will be provided through complementary statements by leading representatives from Switzerland. The symposium will take place at the Inselspital Bern, and is open to all interested stakeholders.

The event is jointly organized by the Swiss Academy of Medical Sciences (SAMS), the Swiss Academies of Arts and Sciences, the ETH Board and an interdisciplinary working group with representatives from various Swiss institutions.

## Program

Sessions are divided into a presentation on the international State of the art (A) and a Swiss perspective on the subject (B).

- 08:45 Welcome & Coffee
- 09:20 Welcome, definition of Personalized Health  
Prof. **Peter Meier-Abt**, Swiss Academy of Medical Sciences (SAMS)
- 09:30 **Clinical Phenotyping and recording of medical data**
- A: Prof. **Søren Brunak**, Department of Systems Biology, Technical University of Denmark, Kongens Lyngby, Denmark  
B: Prof. **Urs Frey**, University Childrens Hospital Basel (UKBB).
- 10:15 **Big data, data analysis and data mining in Personalized Health**
- A: Prof. **Dusko Ehrlich**, Metagenopolis, INRA, Jouy en Josas, France  
B: Prof. **Jacques Beckmann**, Swiss Institute of Bioinformatics and University of Lausanne
- 11:00 Coffee break
- 11:15 **Large-Scale genomic efforts**
- A: Prof. **Tim Hubbard**, Medical & Molecular Genetics, King's College, London, UK  
B: Prof. **Alexandre Reymond**, University of Lausanne
- 12:00 **Sequencing Technologies and their implications**

A: Prof. **Olli Kallioniemi**, Institute for Molecular Medicine Finland, Helsinki, Finland  
B: Prof. **Manolis Dermitzakis**, University of Geneva

12.45 Lunch

13.45 **«Personalized Medicine»: A study by TA-SWISS**

Dr. Anne Eckhardt, risicare GmbH, Zollikon

14.00 **Public Engagement and the Ethical, Legal and Social Issues**

A : Prof. **Angela Brand**, Institute for Public Health Genomics, Maastricht University, Maastricht, The Netherlands

B : Dr. **Effy Vayena**, University of Zurich

14.45 Coffee break

15:15 **Methodological issues in personalized health care**

A: Prof. **Holly Kennedy**, Yale University School of Nursing, West Haven, USA  
B: Prof. **Christiane Pauli-Magnus**, University Hospital Basel

16:00 **Round table Discussion: The clinicians's vision for personalized health**

Prof. **Edouard Battegay**, University Hospital Zurich

Prof. **Jürg Beer**, Cantonal Hospital Baden

Prof. **Verena Briner**, Cantonal Hospital Lucerne

Prof. **Vincent Mooser**, Lausanne University Hospital CHUV

Prof. **Andreas Papassotiropoulos**, University of Basel

Prof. **Arnaud Perrier**, Geneva University Hospital HUG

17:00 Conclusions

Prof. **Jürg Schifferli**, University Hospital Basel

17:10 Closing Remarks

Prof. **Peter Meier-Abt**, Swiss Academy of Medical Sciences (SAMS)

17:15 Apéro

Symposium Moderator: **Mathis Brauchbar**, advocacy AG, Zurich

### Scientific Committee:

Prof. Peter Meier-Abt / SAMS (President), Prof. Ruedi Aebersold / ETHZ, Prof. Jacques Beckmann / SIB & Uni Lausanne, Prof. Jürg Beer / KS Baden, Prof. Ernst Hafen / ETHZ, Prof. Karl Heinimann / US Basel, Prof. Andrew Macpherson / US Bern, Prof. Holger Moch / US Zurich, Prof. Vincent Mooser / CHUV Lausanne, Prof. Cornelia Oertle / BFH Bern, Prof. Andreas Papassotiropoulos / Uni Basel, Prof. Alexandre Reymond / Uni Lausanne, Prof. Thomas Rosemann / US Zurich, Dr. Effy Vayena, Uni Zurich

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