

### Abstracts

**Katrin Cramer, Swiss Institute of Bioinformatics**

#### **Collaborating across Cantons: Building infrastructure to enable use and exchange of interoperable health data for research**

The overall objective of the Swiss Personalized Health Network (SPHN) Initiative is to enable use and exchange of interoperable health data for research, complying with regulatory requirements pertaining to the sensitive nature of health data. Getting data out of silos and working towards a FAIR use of health data is a challenge in many places, but all the more so in a federal country with 26 cantons responsible for the provision of healthcare services. SPHN aims to develop infrastructures and improve the framework conditions for data-driven, biomedical research in Switzerland. Swiss university hospitals and other data providers take their responsibility for their collected patient data very seriously. Collaboratively we strive for secure technical and procedural solutions to enabling researchers to query what clinical data potentially is available for their research projects, to find data in metadata catalogues, and to benefit from streamlined processes regarding data access requests. Improving semantic and technical interoperability and adding value to data is another important focus of our work. And ultimately: providing a protected IT infrastructure for the secure transfer, storage, management and processing of confidential research data - the BioMedIT network – accessible to all researchers in academic institutions throughout the country.

**Anja Leist, University of Luxembourg**

#### **Socioeconomic and Behavioural Factors Associated with Access to and Use of Personal Health Records**

Anja Leist's talk will present the patients' perspective regarding the use of Personal Health Records, and will give insights on patients' characteristics, such as socioeconomic and behavioural factors, that are associated with the access to and use of Personal Health Records. The findings come from the INTERREG APPS project that investigated preferences for and intentions to use Personal Health Records in four cross-border regions, in Lorraine/France, Luxembourg, Rhineland-Palatinate and Saarland/Germany, and Wallonia/Belgium.

**Ilse Broeders, Lifelines Research Office**

## **How can we enhance research for more healthy years and data driven prevention?**

In the longitudinal population-based Lifelines study recalling of participants makes it possible to respond to actualities, like COVID-19. To study the complex interaction between environmental, genetic and lifestyle risk factors and the psychological and societal impacts of the crisis. This is how research institutes, governments, CSO's and Lifelines work together for more healthy years.

**Martine Lewi, Janssen R&D, Clinical Innovation**

Abstract coming soon

