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Newly funded Personalized Health Projects

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We gladly report that we are part of three successful grant submissions to the first coordinated calls the "SFA Personalized Health and Related Technologies (PHRT)" and "Swiss Personalized Health Network (SPHN)".

We will contribute and co-lead the **Swiss Molecular Pathology and Tumor Immunology Breakthrough Platform** (SOCIBP) together with Prof. I Marc Rubin (http://www.dbmr.unibe.ch/about_us/personenpool/prof_dr_rubin_mark/index_eng.html) (University of Bern and Inselspital). This combined SPHN (<https://www.sphn.ch/en/funding/call-for-proposals.html>)/PHRT (<https://www.sfa-phrt.ch/call-for-proposals>) proposal will address need for robust precision oncology genomics tools and use these tools to better understand why some patients respond to immunotherapy and others do not.

We will also be part of the **Personalized Swiss Sepsis Study** (PSSS): Detection and modelling of sepsis using machine learning to analyse continuous ICU monitoring, laboratory, microbiology, and -omics data for personalized sepsis management which is lead by Prof. Dr. Adrian Egli (<https://www.unispital-basel.ch/das-universitaetsspital/bereiche/medizinische-querschnittsfunktionen/kliniken-institute-abteilungen/labormedizin/abteilungen/klinische-mikrobiologie/pers/adrian-egli/>) (University Hospital Basel (USB) and University of Basel). This study aims to detect and model sepsis using machine learning to analyse continuous ICU monitoring, laboratory, microbiology, and -omics data for personalized sepsis management.

In the **MIDATA Platform for Ethical and Fair Citizen/Patient Participation in Personalized Health Research** (PHRT-TechTrans Project) which lead by Prof. Dr. Ernst Hafen (<http://www.imsb.ethz.ch/research/hafen/people/ernst-hafen.html>), we will work towards expanding MIDATA (<http://midata.coop>)'s current scope and capabilities to develop a full featured, general purpose platform for patient empowered use of personal data ready for use in future SPHN projects.

For now we are very excited and are looking forward to launch the projects beginning of 2018 - we will keep you updated!



(https://bmi.inf.ethz.ch/fileadmin/user_upload/_processed_/7/e/csm_SPHN_PHRT_NEWS_px-01_2d0044af1c.jpg)

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- 09/29/2017 SNF Grant for Machine Learning Approaches for ICU (<https://bmi.inf.ethz.ch/news/article/snf-grant-for-machine-learning-approaches-for-icu/>)