

Bern, 20 May 2023

4th Call sitem-insel Support Fund (SISF) CHF 1.1 Mio. to support translational research projects

The panel of the sitem-insel Support Fund (SISF) of the University of Bern has announced the nine translational projects that will receive co-funding for their utilization of technology-intensive research platforms at sitem-insel. In this 4th call, the SISF awarded a total of CHF 1.1 million to these projects, all of which address key challenges in their respective areas.

The projects were evaluated based on their scientific quality, innovation and translation potential, as well as their contribution to the strategy 2030 of the University of Bern. The selected projects have demonstrated exceptional merit in all of these areas, showcasing the potential for cutting-edge research at the University of Bern.

The SISF congratulates all recipients of the grant, extending our best wishes for the success of their research.

The 5th call for proposals of the SISF will open in October 2023.

The next info event “sitem-insel Support Fund (SISF) – How to get your collaborations with the sitem-insel tech platforms funded” will take place on October 12, 2023.

For any questions, please contact

Dr. Stefanie Dobitz

Innovation Office

University of Bern

Hochschulstrasse 6

3012 Bern

stefanie.dobitz@unibe.ch

About the sitem-insel Support Fund:

sitem-insel is home to a range of technology-intensive research platforms that provide services to researchers. These research platforms are cost-intensive, and the University of Bern recognizes the need to ensure that all researchers with promising and competitive projects have access to them. To this end, co-funding of translational projects for the use of services in sitem-insel shall be provided in the form of the sitem-insel Support Funds (SISF).

https://www.unibe.ch/research/promotion_of_research/uni_internal_grants/sisf/index_eng.html



About sitem-insel

sitem-insel is the Swiss Institute for Translational and Entrepreneurial Medicine. Its mission is to establish, operate and develop a National Center of Excellence for Translational Medicine that professionalizes translational research for the benefit of patients, society and science. sitem-insel is located at the Insel-Campus Bern and benefits from its proximity to the Swiss university hospital (Inselspital) as well as to the medical faculty of the University of Bern. In sitem-insel, a wide variety of units from the hospital, industry, research and education are networked under one roof and pursue innovation for the benefit of the patient. An onsite state-of-the-art 20,000 m² facility is the sitem-insel catalyst for a multidisciplinary collaborative approach to unlocking 'bench to bedside' innovation.

List of supported projects in the 4th Call

Swiss Primary Hypersomnolence and Narcolepsy Cohort Study (SPHYNCS)

Researchers: Prof. Dr. med. Claudio L. A. Bassetti
MD Markus Schmidt, PhD
Ass. Prof. Dr. Athina Tzovara
Dr. sc. ETH Julia van der Meer

Department/Clinic: Department of Neurology
Dr. phil. Jan Warncke
Interfaculty Research Cooperation - Decoding Sleep

Platform: NeuroTec

Mindfulness and the thalamocortical system as drivers in the maintenance of alcohol abstinence – a high field MRI study

Researchers: Dr. med. Niklaus Denier
PD Dr. med. Tobias Bracht, PhD
Prof. Dr. phil. Leila Maria Soravia

Department/Clinic: University Hospital of Psychiatry and Psychotherapy

Platform: Translational Imaging Center (TIC)

Follow-up of unruptured intracranial aneurysms with ultra-high field 7 Tesla MRI

Researchers: Dr. med. Johannes Goldberg
PD Dr. med. David Bervini

Department/Clinic: Department of Neurosurgery

Platform: Translational Imaging Center (TIC)

Brain aging – a comparative study in healthy and people with Multiple Sclerosis as model of a chronic neuroinflammatory disorder

Researchers: PD Dr. med. Robert Hoepner
Dr. med. Alejandro León Betancourt

Department/Clinic: Department of Neurology
Dr. med. Piotr Radojewski
Department of Diagnostic, Interventional and Pediatric Radiology

Platforms: Translational Imaging Center (TIC) & Clinical Investigation Unit (CIU)

De-risking- and monitoring the therapeutic efficacy of a new pharmaceutical to treat cholestasis

Researcher: Prof. Dr. rer. nat. Deborah Stroka

Department/Clinic: Department of Visceral Surgery and Medicine

Platform: Next Generation Sequencing, IFIK

Rocking and Rolling the Brain to Sleep

Researcher: Prof. Dr. Fred Mast

Department/Clinic: Department of Neurology
Prof. Dr. med. Georgios Mantokoudis
Department of Otorhinolaryngology, Head and Neck Surgery

Platform: NeuroTec

u^b

Sensor-based long-term observation of real-life behavioural manifestations of fatigue in multiple sclerosis: Development of a novel digital biomarker

Researcher: Prof. Dr. Tobias Nef
Department/Clinic: ARTORG Center for Biomedical Engineering Research
Prof. Dr. med. Andrew Chan
Prof. Dr. Iris-Katharina Penner
Department of Neurology
Platform: NeuroTec

Functional and metabolic changes in Central Poststroke Pain: a clinical and neuroimaging study

Researcher: PD Dr. med. Andreas Nowacki
Department/Clinic: Department of Neurosurgery
Platform: Translational Imaging Center (TIC)

Preclinical evaluation of pulsed field ablation for ventricular applications

Researcher: Prof. Dr. med. Laurent Roten
Department/Clinic: Department of Cardiology
Platform: Act-Inno