



University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

March 2023

Congratulations



to Prof. Bert Müller for being part of a granted Sinergia project

Prof. Bert Müller with his group BMC are part of a Sinergia consortium that is investigating the dynamics of cerebrospinal fluid (CSF) together with professors from the medical faculties of the Universities of Bern and Zurich. The research team has initiated investigations on the role of CSF in diseases of the central nervous system in mouse models. The SNSF granted 3.1 m CHF to the whole project «Fluid Dynamics of the Central Nervous System: 3D Functional Anatomy & Pathophysiology in Mouse Models». Find more details at [DBE news](#).



on the election as a member of the SNSF Agora commission to Prof. Bert Müller

The Presiding Board of SNSF approved [the election of Prof. Müller](#) as the permanent member of the evaluation committee in the Agora funding scheme. This scheme aims to foster dialogue between scientists and society. Agora encourages researchers to communicate their current research to an audience of lay people.

About us – Highlighted



Interview with Prof. Georg Rauter at Uni News

An interview with Prof. Rauter was published in Uni News where he outlines the constraints of an ideal surgical robot and the growing significance of Basel for translational medical robotics research. Find [here](#) the full interview.



Annual Meeting of the DACH section of IFToMM held at the DBE

On March 16 and 17, the first major symposium took place in the new premises of the DBE. Under the leadership and patronage of Prof. Georg Rauter, 40 people met for the annual meeting of the German-speaking countries of the International Federation for the Promotion of Mechanism and Machine Science (IFToMM). Find more at [DBE news](#).

About us – We welcome



Alexandru-Victor Burde as the new additive manufacturing specialist in the group of Swiss MAM/Smart Implants and the 3D Print Lab at the University Hospital Basel, both led by Prof. Thieringer. With a strong background in dental technology and selective laser melting in patient-specific applications, Alex will contribute to the future of 3D printing technology in healthcare. He worked as a lecturer in the field of dental technology at the University of Medicine and Pharmacy in Cluj-Napoca, Romania, and as a digital dental technician at Zircondent Cluj-Napoca.

Events



Cocktails & Canapés with V. King, Founder & CEO of Tenpoint Therapeutics, April 26

Join the Switzerland Innovation spring event and connect with the biotech and healthcare community. Vanessa King, Founder & CEO of Tenpoint Therapeutics is invited – a thriving biotechnology company committed to restore vision for people with degenerative ocular diseases - to share her inspirations on why she has decided to run this startup. Register [here](#) for the event at April 26, 17:00- 19:00.



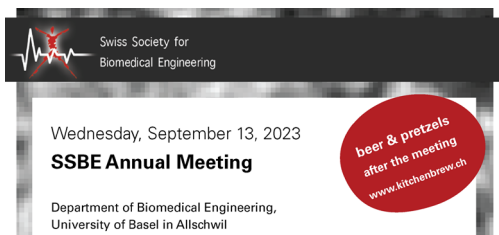
Hybrid Seminar – Digital Support Tools for Paediatric Health, April 27, 2023

The BRCCH invites you to join them for their seminar [Digital Support Tools for Paediatric Health](#). Hear insights from two keynote speakers about advancing child health using digital health support tools and systems. Share your own insights during the Networking Apéro after the talks. The seminar will take place at the Biozentrum of the University of Basel (U1.191) or via Zoom.



Swiss Medtech Day 2023, June 13, Kursaal Bern

More than 600 people from medical technology, healthcare, research and science meet every year. This year's Swiss Medtech Day is dedicated again to the topic of "Digital Health Technology". Find [here](#) the registration and program.



Annual SSBE 2023 at the DBE in Allschwil, September 13

This year the Annual Meeting of the Swiss Society for Biomedical Engineering (SSBE) is hosted by the BMC group led by Prof. Bert Müller and will take place at the Department of Biomedical Engineering in Allschwil. The one-day event is an exchange between experts from academia, industry, and clinics and will focus on medical imaging and image analysis. Topics of general interest to the SSBE community will be selected from the submitted abstracts. The abstract submission deadline is July 1, 2023. Find more information [here](#).

Calls & Research Funding Deadlines



**Schweizerischer
Nationalfonds**

R'Equip

The SNSF awards [R'Equip](#) grants in all scientific disciplines for the acquisition, modernisation and development of large-scale research equipment. Submission deadline: May 2, 2023.

2023 QuantERA Call

Since 2016, the [QuantERA ERA-NET](#) has supported research collaboration in Europe in information technologies and quantum communication (Q-ICST). This year, a new call for projects is being launched. Submission deadline: May 11, 2023.

Transforming Health and Care Systems (THCS): European call for proposals

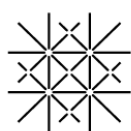
The European Partnership [Transforming Health and Care Systems](#) is launching a joint call for proposals. Swiss-based researchers can participate. Submission deadline: June 13, 2023.

JPND JTC call 2023 - EU Joint Program on Neurodegenerative Disease Research

The [EU Joint Program – Neurodegenerative Disease Research \(JPND\)](#) is launching a transnational call for large-scale analysis of OMICS data for drug-target finding in neurodegenerative diseases. Submission deadline: June 27, 23.

Check [here](#) all open and permanent funding opportunities of the SNF.

Good to know



**Universität
Basel**

New hotel agreement with Holiday Inn Allschwil

The University of Basel has arranged a special rate (159 CHF/night incl. breakfast) for guests of the university with the hotel Holiday Inn in Allschwil, right next to the GRID. Find the details at the intranet of the University of Basel /Welcome & Accommodation.

At the Department of Biomedical Engineering, we translate basic science and engineering into medical knowledge and healthcare innovations. We provide high quality education and capacity building for academics, clinicians, and industrial partners. The DBE is a joint venture of the University of Basel, the University Hospital Basel and the University Children's Hospital Basel.

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