



University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

August 2022

Events



8th DBE Research Day: Don't Forget to Register!

The 8th DBE Research Day will take place at the ZLF next week. Again, this year we were able to create a very attractive [program](#) with the motto "Innovation Through Collaboration". Do not forget to register [online](#), if you are interested into discovering the work of our researchers via various presentations, tandem talks, poster session but also short films.



Meet the Expert—Materials and Surface Technology for Implants | September 8, 2022

[Meet the Expert—Implants](#) is taking place for the 12th time and is a well-known event for the implant industry in Europe. The proven concept of this one-day conference is designed equally for manufacturers of implants, suppliers, and service providers, as well as for universities and institutions.



Swissmedic—Information event "Regulatory & Beyond" | September 20, 2022

The Swiss Agency for Therapeutic Products (Swissmedic) invites you to the information event "Regulatory & Beyond". The event shows how to take innovative approaches to prepare for the future in therapeutic products regulation, what steps have already been taken in digitalization and what steps will come. Furthermore, you will learn all about the life cycle of medicinal products and medical devices. Find more details [here](#).



Seminar | Implementation of the Medical Device Regulation | September 21, 2022

The enforcement of the revised Swiss medical device legislation since May 26, 2021, resulted in important changes in the development and market entry of medical devices. The seminar covers important issues in this regard with the aim of showing researchers what has changed in research with medical devices since the entry into force of the revised Swiss medical device law. Find more about it [here](#) and register [online](#).



"Horizon Europe—Collaborative funding opportunities in «Health» related topics"

Together with SwissTPH, the Grants Office and Euresearch Bern jointly offer the info event "Horizon Europe – Collaborative funding opportunities in «Health» related topics". It will take place at SwissTPH in Allschwil on October 20, 13.00–14.30. New calls for 2023 and 2024 will be launched in the next months and therefore, EU consortia are currently looking for research partners. Calls are related to rare or brain diseases, understanding of viruses and infectious diseases, patient safety, healthy lifestyles, to mention just a few. Register [here](#).



UKBB Research Day—Save the date | November 11, 2022

The UKBB Research Day of the University Children's Hospital Basel (UKBB) will take place on November 11, 2022, from 8.30 - 18.00 at Hotel Odelya Basel. Researchers and students from the UKBB will present their research work. Save the date!

Congratulations



to Christian Haas on his National MD-PhD Grant

[Christian Haas](#) of the BLOG and Digital Dermatology group has been granted with 188'250 CHF from SNSF within the National MD-PhD Program of the Swiss Academy of Medical Sciences (SAMW). He received the grant for his project "OCT-guided laser skin ablation system".

About us – Highlighted



Dr. Ferda Canbaz on Uni News

Uni News has published a great article on Ferda Canbaz, head of the laser lab of the MIRACLE II Project. The headline celebrates her burning passion for lasers". The text is part of a series called «In Focus» that spotlights young researchers who contribute to the international reputation of the university. Find out more [here](#).



Townhall Meeting N° 2 on the move to GRID

On Thursday 18 August Townhall Meeting No 2 was held on Zoom. Philippe, Daniela, Sara, and Reinhard informed about furniture, shared desk policy, lounge activities, conference room names and group research pictures. [Here](#) you find a recording of the meeting. If you have any concerns or ideas for the GRID, please let us know under the very same link.

About us – We welcome



Welcome, **David Koch**! He recently started his Ph.D. in the RoLSSroice research group led by PD Dr. med. Cordula Netzer (Spine Surgery, University Hospital Basel) and Prof. Dr. Stephen Ferguson (ETH Zurich). During his studies in sports science, David has worked as a research assistant in the Functional Biomechanics research group led by Prof. Annegret Mündermann. For his MA thesis, he has conducted a pilot study ahead of the SNSF-funded RoLSSroice project around the effect of age, lumbar spinal stenosis and paraspinal muscle fatigue on static and dynamic sagittal spinal balance. Within the RoLSSroice research group, David will conduct his research on the role of spinal load in the pathophysiology of lumbar spinal stenosis and is responsible for all experimental aspects of the study.

Calls & Research Funding Deadlines



Robert Bing Prize

[The Robert Bing Prize](#) is financed by the legacy of the Basel neurologist Robert Bing (1878–1956). In accordance with the donor's will, the prize honors outstanding work in the recognition, treatment and cure of diseases of the nervous system. Next submission deadline: August 31, 2022



robotics
NTN Innovation Booster



2nd Innovation Booster Robotics Call for Proposals

The 2nd NTN Innovation Booster Robotics Call is open until September 15, 2022 for any stakeholders in the Swiss robotics ecosystem. The focus key areas are Mobile Robots & Manipulators and Medical & Biomedical Robots. A support of up to max. 25'000 CHF is granted to the winning team. Please find the guidelines and application form within the [2022 Summer Newsletter Innovation Booster Robotics](#).



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University Basel Propelling Grant – 5th Ed. Fall 2022 / 1st Call for Applicants

Twice a year, the University of Basel opens a call to propel your groundbreaking & scientifically innovative ideas towards future start-up success. The fund will provide up to 50k CHF for up to 6 months, as non-dilutive funding. In addition, the Innovation Office offers skill-building, mentoring and access to a network of international partners. The call is always open. To be considered for the interview session in November 2022, submit the proposal documents by October 4, 2022 to propelling@unibas.ch. Find more details [here](#).



Schweizerischer
Nationalfonds

Project funding

Under the [project funding](#) scheme, qualified researchers define their research themes and objectives themselves and conduct their project under their own responsibility. Submission deadline: October 1, 2022.

Agora

The [Agora](#) scheme aims to promote the spread of knowledge, as well as the exchange of views and perspectives about scientific research. It therefore encourages projects involving two-way processes - with interaction and listening - which generate dialogues between researchers and the public. Submission deadline: October 10, 2022.

Ambizione

[Ambizione](#) grants are aimed at young researchers who wish to conduct, manage and lead an independent project at a Swiss higher education institution. Submission deadline: November 1, 2022.

SNSF Advanced Grants 2022

[Grants](#) for leading researchers who want to conduct innovative, high-risk research in Switzerland. Switzerland is still considered a non-associated third country in the Horizon Europe program. On behalf of the federal government, the SNSF is launching a new call for its transitional measure "SNSF Advanced Grants" in 2022, aimed at researchers who intended to apply for an ERC Advanced Grant. Submission deadline: November 2, 2022.

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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