



University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

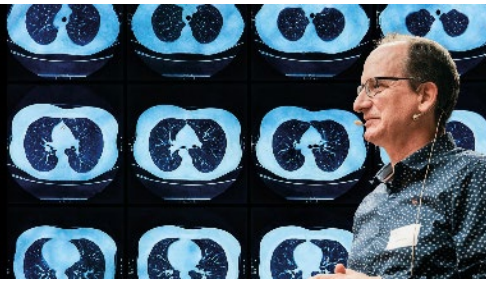
October 2023

Congratulations



to Dr. Claudia Lenz on her SNF Grant

Dr. Claudia Lenz has won a SNF grant for her project [“The role of tissue anisotropy in quantitative MRI of the human brain”](#). The project was applied for under the Weave agreement, with SNSF as lead agency, and will be conducted in collaboration with Prof. Christoph Birkel from the Medical University of Innsbruck. Both partners receive funding for 4 years (CHF 590'838 for Basel, 383'237 Euro for Innsbruck).



to Prof. Oliver Bieri on his SNF Grant

Prof. Oliver Bieri has been awarded with a SNF Grant for his project “MRI from Low to High Field: The Next Generation of Balanced Steady State Free Precession Methods”. The project was granted with more than CHF 700'000.



to Dr. Francesco Santini on his SNF Grant and his election as member of ESMRMB

Dr. Francesco Santini has won a SNF grant with more than CHF 750'000 for his project “Advancing Neuromuscular Disease Evaluation: Developing Novel Multiparametric MRI Methods for Myotonic Dystrophy Assessment and Management”. Furthermore Dr. Santini was elected as an Executive Board Member of the European Society of Magnetic Resonance in Medicine and Biology (ESMRMB) for a 4-year cycle as membership, media, and marketing officer.



to Prof. Cattin & Prof. Guzman on their Grant of the Association Surgery USB/UKBB

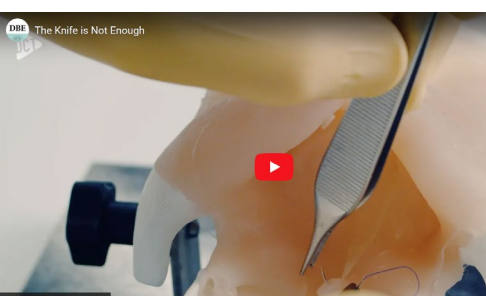
Prof. Philippe Cattin and Prof. Raphael Guzman will be supported by the Association Surgery of the University Hospital Basel (USB) & University Children's Hospital of Basel (UKBB) with more than a half million CHF for their project “Virtual and Augmented Reality Platform in Surgery”.



to Alvaro Gonzalez-Jimenez on the MICCAI STAR Award and Best Paper Award

Alvaro Gonzalez-Jimenez of the Digital Dermatology Group has received a remarkable dual honor: the prestigious MICCAI STAR Award and the Best Paper Award for his outstanding contribution in the paper titled, “Robust T-Loss for Medical Image Segmentation”. The paper was acknowledged as the best at MICCAI, an event known for its high competitiveness, having received an astounding 2253 submissions this year. The Student Author Registration (STAR) Award, in particular, offers invaluable support for first-author students to attend the conference in person. Find more at [DBE News](#).

About us – Highlighted



The Knife is Not Enough

By combining several cutting-edge technologies in their many research projects, the Facial and Cranial Anomalies Group has succeeded in making the treatment of Cleft Lip and Palate simpler and at the same time more precise. An inspiring video about it can be found at [DBE News](#).



Fascination Laser Robotics: Dr. Ferda Canbaz and the MIRACLE Project @ Beast Blog

Will laser robots be an essential part of bone surgery in the future? “For sure!” says researcher Dr. Ferda Canbaz from the Department of Biomedical Engineering at the University of Basel. Find the full beast blog post [here](#).



Interview with Prof. Georg Rauter at Prime News

Find at [Prime News](#) the interesting interview “Basel ist Spitze bei der Entwicklung von Roboter-Chirurgie” with Prof. Rauter.

About us – We welcome



Angela Duarte, who started at DBE as Personal Assistant to Prof. Philippe C. Cattin. Additionally, she is in charge of providing administrative support to CIAN & MIRACLE and dealing with HR matters. She holds a Swiss Diploma as Executive Assistant.

Calls & Research Funding Deadlines



Fondation Recherche Cancer

Tandem - A call for translational cancer research projects

A [call for translational cancer research projects](#) co-led by a clinician and a scientist engaged in basic research. Letter of intent: December 15, 23; Applications: March 01, 24.



National MD-PhD Grants Program

The SAMS, together with the SNF and the support of private foundations as well as the collaboration with the Swiss School of Public Health, award each year a limited number of competitive individual [MD-PhD grants](#). The aim of the program is to equip medical doctors interested in research with the skills necessary for a career as clinician and scientist. Submission deadline: December 15, 23.



PROMYS – Support for researchers in Bulgaria

The new [PROMYS](#) program supports researchers from EU-27 countries or Switzerland who are seeking an assistant professorship in Bulgaria. Submission deadline: November 30, 23.

SNSF Swiss Postdoctoral Fellowships (SPF)

[Grants](#) for early-career researchers wishing to consolidate their scientific training and pursue their academic career in Switzerland. Submission deadline: December 1, 23.

Collaborating with researchers from Ukraine

The SNSF is launching a [joint call for proposals with the Ukrainian funding agency NRFU](#). One of the aims is to maintain research activity in Ukraine, and to reduce brain drain from the country. Submission deadline: December 12, 23.

Check [here](#) all permanent funding opportunities of the SNF like the [Flexibility Grant](#) for researchers with a child or [Mobility grants in projects](#).

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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