



University  
of Basel

Department of  
Biomedical Engineering

# DBE Newsletter

## November 2022

### Congratulations



#### on the SNSF R'Equip Grant for CADENCE

The SNSF granted 874'478 CHF matching funds towards the purchase of technical equipment for the new Clinical Biomechanics and Ergonomics Engineering (CADENCE) laboratory located at the new site of the DBE at Switzerland Innovation Park Basel Area Main Campus. Find more information about the new CADENCE laboratory including their four research groups at [DBE news](#).



#### to Neha Sharma on the Dirk Schäfer Science Award 2022

[Dr. Neha Sharma from Swiss MAM Research Group](#) has won this year's Dirk Schäfer Science Award of the Department of Surgery. The award-winning paper "Quantitative Assessment of Point-of-Care 2D-Printed Patient-Specific Polyether ether ketone (PEEK) Cranial Implants" was published in the International Journal of Molecular Sciences (IF 5.9). The prize is endowed with 5'000 CHF.

### About us – We welcome



**Marion Blum**, who started as a research group coordinator for Swiss MAM / Smart Implants. Marion worked at management and finance directorates of the University Hospital Basel and Hirslanden Clinic Zurich before, where she was responsible for financial and administrative management as well as strategic and conceptual development. For Swiss MAM / Smart Implants, Marion will support Prof. Florian Thieringer in research administration, controlling and budgeting.

### Events



#### Insights Biozentrum "Nerve cells- from movement control to Parkinson's disease"

Scientists from the Biozentrum invite all interested persons to learn about their latest research. The next insights "Nerve cells- from movement control to Parkinson's disease" will be presented by Prof. Silvia Arber at November 29, 2022 from 7:00 – 7:45 p.m., Maurice E. Müller Saal of Biozentrum, Spitalstrasse 41, Basel. Admission is free, with aperitif afterwards.



#### Four seasons finale – SIP community event, November 30, 2022, 17:00-21:00

The SIP invites you to the last community event in 2022 to celebrate four seasons of new ideas, progress, entrepreneurial spirit and change. This event will be a great opportunity to get to know your ecosystem, meet new people, discover new ideas and grow your network. The Switzerland Innovation Park Basel Area team looks forward to seeing you all and sharing some seasonal culinary delights. Please register [here](#).



#### MRI Together – Global workshop from December 5-8, 2022

MRI Together is a global online event on open, reproducible, and inclusive MRI research. Topics ranging from statistical tools for reproducible research, to open hardware and software practices, to data sharing policies, and the obstacles and best practices in using artificial intelligence in MRI will be covered. Free registration until December 3, 2022 [here](#).



#### Inaugural lecture by Prof. Dr. Beat Müller - grosser Hörsaal, ZLF, December 15, 2022

Join the [inaugural lecture of Beat Müller](#), Professor for Visceral Surgery: „Wenn Roboter zum Messer greifen und Computer mitoperieren – ein neuer akademischer Anspruch an die Chirurg\*innen der Zukunft“. The lecture will take place on December 15, 2022 at grosser Hörsaal, Zentrum für Lehre und Forschung (ZLF) in Basel, followed by an aperitif offered from Prof. Müller, Foyer Institute of Pathology, Schönbeinstrasse 40, Basel. There is also the possibility to follow the lecture via [Zoom](#).

### Calls & Research Funding Deadlines



#### Fellowship 2022 Call IBSA Foundation

The [IBSA Foundation](#) for Scientific Research is awarding six fellowships with the amount of EUR 30,000. The call is open to researchers from all over the world under the age of 40 with a degree in medicine, biology, pharmacy, biotechnology or bioengineering. The submission deadline is December 31, 2022.



#### Research Fund Junior Researchers 2023

The [call for applications](#) is aimed at junior researchers at the University of Basel who wish to pursue an academic career and who have already distinguished themselves through their outstanding achievements. Applicants can apply for up to CHF 80,000 in funding. Submission deadline: February 1 & September 1.

#### Doc.Mobility@unibas

[Doc.Mobility@unibas](#) grants are aimed at doctoral students who wish to improve their scientific profile at a research institute abroad. The grants are awarded in all disciplines. Submission deadline: March 1 & September 1.



#### JSPS Postdoctoral Fellowships 2023

The program ["JSPS Postdoctoral Fellowships"](#) enables researchers in Switzerland to stay in Japan for 12 to 24 months. Submission deadline: January 12, 2023.

#### The 2023 SNSF Scientific Image Competition is underway

Share the beauty of your research! The Swiss National Science Foundation invites researchers working in Switzerland to send their photos and videos to the [SNSF Scientific Image Competition](#) by January 31, 2023.

#### Postdoc.Mobility

[Postdoc.Mobility](#) fellowships support postdocs who wish to conduct a research stay abroad. Submission deadline: February 1, 2023.

#### SNSF Starting Grants 2023

[Grants](#) for researchers who wish to conduct an independent scientific project and lead a research team in Switzerland. Submission deadline: February 1, 2023.

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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