

University
of Basel

Department of
Biomedical Engineering

DBE Newsletter

June 2020

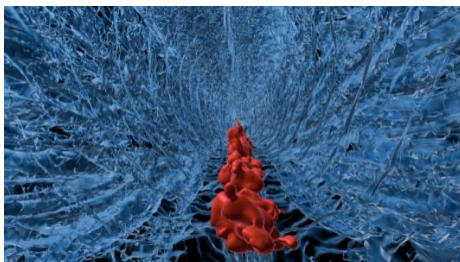
Congratulations



to Prof. Ivan Martin on his appointment as the new head of the DBM starting in June 2021.
In a year's time, Prof. Ivan Martin will take over the direction of the Department of Biomedicine (DBM) as the successor of Prof. Radek Skoda. Please find more information about it and an interview with Prof. Ivan Martin in the [UNI News](#). His focus will give even greater importance to translational research and the Life Science Cluster Basel.
The DBE looks forward to fruitful collaborations between the departments and wishes Ivan Martin success in his challenging job.



to the development of a novel x-ray contrast agent « XlinCA ».
In the framework of the SNSF-funded project HR-Kidney - High Resolution 3D Functional Anatomy Database of the Kidney (153523), Prof. Bert Müller (Biomaterials Science Center) and his colleagues from the University of Zurich have developed the X-ray contrast agent «XlinCA», which enables the smallest blood vessels to be visualized much more precisely than before using computed tomography. Please find more information about it in the [DBE news](#).



on the 1st price of the Nano Image Award 2020.
Prof. Bert Müller, Dr. Georg Schulz and Griffin Rodgers are co-authors of an (accepted) publication in SMALL. Based on the unique μ CT data, Jan Stephan Bolten from the Institute of Pharmaceutical Technology at the University of Basel has produced an image, which won the [first prize in the SNC Nano Image Award 2020](#). The cash contribution was sponsored by the Swiss MNT network. The impressive picture shows clustered superparamagnetic iron oxide nanoparticles within a zebrafish embryo.



on the nomination of the Venia docendi
to PD Dr. Cordula Netzer and PD Dr. Dr. Florian M. Thieringer. Cordula Netzer is deputy head at the Center for Spinal Surgery at the University Hospital. Florian Thieringer is head of the Medical Additive Manufacturing research group (MAM) at the DBE and co-director of the new transdisciplinary 3D Print Lab at the University Hospital. At the request of the Faculty of Medicine and the Faculty of Humanities and Natural Sciences, [the Regenz granted the Venia docendi to them](#).

Events



Medical Robotics Week postponed to June 7 – 11, 2021

The Medical Robotics Week and MESROB 2020 is postponed due to the COVID-19 outbreak. It will take place on June 7-11, 2021 at the University Hospital Basel and the Old University of Basel. Contributions are welcome in form of paper and poster submissions (deadline January 2021). More information will follow soon.



New online event “MDR@noon” – June 17, 2020

The virtual event is intended to re-activate the information exchange from industry to industry. It should offer support for all interested parties about the relevant regulatory issues surrounding the introduction of the Medical Device Regulation (MDR). The entire event will be held in English and is free of charge. It starts at noon and finishes at 1 PM. Please find the program and registration [here](#).



SwissMedtech Day: September 21, 2020, Bern

The most important [event](#) of the Swiss medical technology industry - including around 700 participants - brings all the influential players to Bern. Expect a top program combining the tried-and-tested with the new. A convention which provides you with important insights into the challenges and opportunities affecting this industry. Swiss Medtech and its principal partner Innosuisse look forward to welcoming you to the event.



BMT: September 29 – October 1, 2020, Leipzig

This year, the [54th Annual Conference](#) of the German Society for Biomedical Engineering (DGBMT) will gather around the topics of Artificial Intelligence (AI), Personalized Medicine and Medical Device Regulation (MDR). Physicians, engineers and scientists are very welcome to present contributions from all areas of biomedical technology and to discuss current research results as well as technology and clinical application trends.



Annual SSBE Meeting 2020: Postponed to August 26, 2021, Bern, ARTORG

Due to the current coronavirus crisis, the (physical) SSBE conference will not be held in Bern. Nevertheless, there will be an online event in which the Awards and the General Assembly will take place (more information to be provided soon).

Note: SSBE did not cancel the conference, but just shifted the [Annual SSBE Meeting](#), hosted by the ARTORG Center for Biomedical Engineering Research, Bern to August 26, 2021.

Research Funding



ERC Advanced Grant Call: Deadline August 26, 2020

[ERC Advanced Grant](#) Principal Investigators are expected to be active researchers and to have a track record of significant research achievements in their field during the last 10 years. A competitive Advanced Grant Principal Investigator must have already shown a record which identifies them as an exceptional leader in terms of originality and significance of their research contributions. Please find more information for applicants [here](#) or contact the Unibas grants office: luca.wacker@unibas.ch.



Postdoc.Mobility, Early Postdoc.Mobility, Doc.Mobility

The latest call for proposals of the [Postdoc.Mobility](#), [Doc.Mobility](#) and [Early Postdoc.Mobility](#) are aimed at scientists who wish to conduct a research stay abroad.

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. The submission deadline is September 1, 2020.

Indo-Swiss Joint Research Programme: call for proposals with India

Within the scope of the bilateral programmes of the Swiss Confederation, the SNSF and the Indian Department of Biotechnology (DBT) are issuing a [call for proposals](#). The submission deadline is September 11, 2020.

Spirit (rolling call for pre-proposals)

The Swiss Programme [Spirit](#) for International Research by Scientific Investigation Teams promotes team-oriented cross-border research. The evaluation process comprises two phases: pre-proposals can be submitted all year round, full proposals only by invitation after approval of the pre-proposal. The Submission deadline is September 30, 2020.

Investigator Initiated Clinical Trials (IICT) 2020

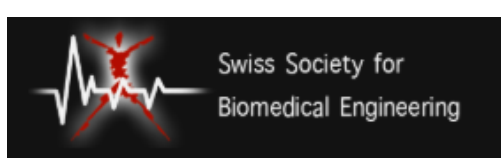
The special programme for [Investigator Initiated Clinical Trials \(IICTs\)](#) of the Swiss National Science Foundation supports clinical studies on under researched topics that meet medical as well as social needs. These letters of intent need to be submitted using the mySNF. The deadline for submitting proposals on mySNF is November 2, 2020.



Grants Office Newsletter

The Grants Office newsletter informs researchers about upcoming calls for proposals, developments in national and international research policy, changes in university processes and regulations, and other topics relevant to grant applications and research projects. Please find the latest newsletter of May 2020 [here](#) with topics such as call of proposals of Horizon 2020 or Call for Marie Skłodowska-Curie Individual Fellowships.

Good to know



DBE a member of the Swiss Society for Biomedical Engineering (SSBE)

The DBE is from now on a member of the Swiss Society for Biomedical Engineering (SSBE). We will inform you here on a regularly basis about interesting information and events of the SSBE.



A COVID-19 project with involvement of Dr. Stefan Stübinger to receive proof-of-concept funding

The project "Development and Validation of a Laminar Flow Test to Detect COVID-19 immunity in Saliva" will receive proof-of-concept funding within the Fast-Track-Program of the Botnar Research Centre for Child Health. The researchers want to evaluate a plan to develop a simple, low-cost device that can detect antibodies against SARS-CoV-2, using saliva. Please find more about it at the [DBE News](#).

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.

You would like to publish news in the newsletter?

Please write us to news-dbe@unibas.ch

