



University  
of Basel

Department of  
Biomedical Engineering

# DBE Newsletter

## December 2021

### Congratulations



#### on the Sustainability Award for the Smart Implants Group

The Smart Implants Group of the MIRACLE project has won the University Hospital's Sustainability Award for recycling old prototypes and test prints. Unused 3D models and structures are collected and sorted. A special chopper then shreds the waste, and a filament machine creates raw material for new 3D models. More information as well as a video can be found on [DBE news](#).



#### to Edgar Delgado-Eckert on the granted Venia Docendi and the degree of Dr. habil.

On the occasion of their last meeting the Regenz granted PD Dr. habil. Edgar Delgado-Eckert the Venia Docendi and the degree of Dr. habil. for experimental medicine. Edgar is head of the research group "[Computational Physiology and Biostatistics](#)" and lecturer of the master program Biomedical Engineering at the DBE. His research group is located at the UKBB and part of its pediatric pulmonology group.

### Events



#### 2<sup>nd</sup> DBE PhD-Day: Networking Event – See what other groups are doing!

All members of the DBE, including all master students working or studying at DBE are cordially invited to this event. The second DBE PhD Networking Event is set to take place on April 29, 2022 with the goal of bringing together researchers, students, and leaders of the department in an informal atmosphere to make new contacts and discover what expertise can be found within the department. The main event for all will take place during the whole day. In the evening, a social event will be organized exclusively for PhD and master students of the DBE. The main event will ideally take place in person on the University Hospital campus; a virtual setting however cannot be excluded. More information and registration to follow.



Universitäres  
Zentrum für  
Zahnmedizin  
Basel

#### 3<sup>rd</sup> UZB Research Day – May 6, 2022

The 3rd UZB Research Day will take place under the motto "The Challenges of managing successful Projects". Speakers from the University of Basel, from UZB partner universities in Switzerland and from the Ethics Committee Northwestern and Central Switzerland are expected to attend. Please find the program and registration [here](#).



#### Swiss Medtech Day – June 14, 2022

Every year, more than 600 people from the medical technology, healthcare, research and science sectors gather at Swiss Medtech Day. The event is focused on the topic "Digital Health Technology". Register [here](#) and find the preliminary program.

### About us



#### Dr. Ferda Canbaz – Interim BLOG Group Leader

Until end of MIRACLE I (June 2022) Dr. Ferda Canbaz, will take over the leadership of the Biomedical Laser and Optics Group (BLOG) as an interim group leader. For the last three years Ferda was postdoc of Prof. Azhar Zam, who was called to NYU and left the DBE, as reported in our last newsletter. Azhar will still act as PhD supervisor and project advisor.



#### We Welcome Christian Haas,

who started his MD-PhD in the BLOG group in collaboration with the University Hospital Basel under the supervision of Prof. Dr. Dr. Alexander Navarini, where he did his master thesis. The goal of his research will be a concept for a laser ablation system guided by optical coherence tomography for the use in dermatological treatments.

### Calls & Research Funding Deadlines



Schweizerischer  
Nationalfonds

#### COST Funding Program

Switzerland remains a full member of the European COST Association. The [COST funding program](#) supports scientific collaboration and networking in Europe and beyond. Researchers based in Switzerland can continue to participate in the program. The next call is expected to be published in early 2022.

#### SNSF Scientific Image Competition 2022

The SNSF is once again holding its [scientific photo and video competition](#). Submission Deadline: January 31, 2022.

#### SNSF Starting Grants 2022

The [SNSF Starting Grants 2022](#) target researchers who wanted to apply for a 2022 ERC Starting Grant or for an SNSF Eccellenza Professorial Fellowship. Submission Deadline: February 1, 2022.

#### Doc.CH grants

The [Doc.CH grants](#) are awarded by the SNSF to promising researchers who wish to write a dissertation in the humanities and social sciences in Switzerland on a topic of their own choice. Submission Deadline: March 15, 2022.

### Reminder



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#### Important Information on Administrative Deadlines:

- **Annual Accounts Closure:** All invoices and expenditure claims from 2021 must be forwarded at the very latest on January 12, 2022 to [finanzen\(at\)unibas.ch](mailto:finanzen(at)unibas.ch).
- **Annual Report:** Please send all summaries of theses (PhD and master) and information on new patents, spinoffs and awards by January 7, 2022 to [Dr. Sara Freund](mailto:Dr.Sara.Freund), who is responsible for the annual report.
- Please update your publication list and your data in the research database [meDme](#), a literature list for the annual report will be exported from meDme.

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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