



University  
of Basel

Department of  
Biomedical Engineering

# DBE Newsletter

January 2022

## Congratulations



### to Bottneuro on winning the final stage of Venture Kick

The DBE - Biomaterials Science Centre Spin-Off Bottneuro will be supported by Venture Kick with 150'000 CHF to advance its technology and prepare clinical trials to diagnose Alzheimer's disease. The earlier the disease is diagnosed, the better the chances of slowing its progression. Bottneuro therefore uses novel positron emission tomography (PET) scanners to detect Alzheimer's before the first symptoms even appear. More information can be found at [DBE News](#).



### to Prof. Müller on the SPIE Biophotonics Technology Innovator Award 2022

Prof. Bert Müller is the 2022 winner of the [SPIE Biophotonics Technology Innovator Award](#). The prize was given in recognition of his outstanding contributions to biomedical imaging to solve some of the clinical challenges of the 21st century, such as the treatment of cardiovascular and neurodegenerative diseases, bioinspired dental repair, and incontinence treatment. Building on these exceptional scientific achievements, Prof. Müller is also the co-founder and advisor of several start-ups, which demonstrates the significant potential of his research in the fields of biology, medicine, and biomedical optics.



Swiss Academy of Childhood Disability  
Schweizerische Akademie für Kinder mit Behinderungen  
Académie Suisse du Handicap de l'Enfant  
Accademia Svizzera della Disabilità dell'Infanzia  
Accademia Svizzera per Uffants cun Impediment

to Prof. Elke Viehweger, Rosa Visscher, Morgan Sangeux and team who were awarded the first prize for their Preliminary Results during the first Swiss Academy for Childhood Disability (SACD) Research Day. The prize which entails 1'800 CHF sponsored by the Anna Müller Grocholski foundation has been awarded for the promising results of the team towards evaluation of developmental trajectories in gait variability. Find more about it [here](#).



### to Prof. Pablo Sinues on his re-election as Vice-President of Swiss Metabolomics Society

The Swiss Metabolomics Society (SMS) is an official affiliate of the International Metabolomics Society (IMS). Their aim is to build and support interactions among researchers working within the scope of metabolomics science, from basic research to clinical and pharmaceutical development. Find more information at [DBE News](#).

## About us – We welcome



**Abinaya Nallathambi** who started her PhD in the group Biomaterials Science Centre (BMC) led by Prof. Bert Müller. Abinaya is trained as a Biomedical engineer. She finished her Bachelor in India and then obtained her Master at the University of Basel. Abinaya conducted her master thesis at BMC on the analysis of gold-silicone films for the electrical interface of soft neural implants. Within her PhD she will be investigating cellulose-based scaffold to mimic extracellular matrix of human tissues.

## Events

Entrepreneurship Training  
Innosuisse Start-up Training Module 1 & 2 - Central Region

commissioned by  
Innosuisse  
Innovation Office University of Basel  
Innosuisse Start-up Training  
Innosuisse Start-up Training

### Entrepreneurship Training – Innosuisse Course – Module 2: Business Concept

[Business Concept](#) is a module of the Start-up Training program promoted by [Innosuisse](#), the Swiss innovation agency, and is organized and conducted by the Innovation Office University of Basel. During the 12-week course, you will acquire theoretical and practical skills such as pitching, how to set up your team, creating a financial plan, getting to know your customer, working with the business model canvas and many more. Spaces are limited and are awarded based on your application documentation. The application deadline is February 10, 2022 (6pm).

## Calls & Research Funding Deadlines

SWISS MEDTECH

### Swiss Medtech Award 2022

The competition for the [Swiss Medtech Award 2022](#) has been launched. It is the fifth time that Swiss Medtech and its donors reward outstanding achievements in the Swiss medical technology industry. The jury is looking for candidates from the fields of invention, innovation and entrepreneurship whose products or solutions demonstrate a clear benefit for patients. All complete entries received before January 30, 2022 will be considered for the competition.



Schweizerischer  
Nationalfonds

### 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.

### BRIDGE Proof of Concept

The new call for [BRIDGE Proof of Concept](#) projects is open until March 7, 2022. Young researchers who want to apply their research results and realize an innovative product or service can submit their project proposal.

### Doc.CH

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.

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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