



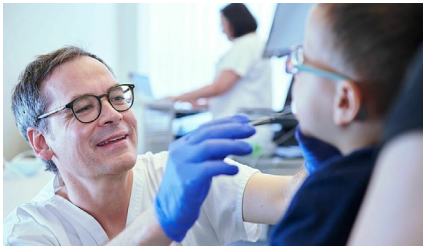
University  
of Basel

Department of  
Biomedical Engineering

# DBE Newsletter

June 2023

## Congratulations



### to Prof. Andreas A. Müller on his appointment as Titular Professor

The University Council has appointed four titular professors, among them the head of the Facial & Cranial Anomalies Research Group Prof. Andreas A. Müller. His research at the DBE revolves around the simplification of orofacial cleft surgery through AI-powered 3D modelling and printing. Find more on [DBE News](#).



### to Linda Bühl and Dr. Corina Nüesch on their poster awards

Functional Biomechanics research group won three poster awards and a paper award: Linda Bühl was awarded the 1<sup>st</sup> prize for her poster at GAMMA Congress in Heidelberg in March 2023 and the 2<sup>nd</sup> prize at GOTS Congress in June 2023. Dr. Corina Nüesch won the 2<sup>nd</sup> prize for her poster and also the 3<sup>rd</sup> prize for "Best published scientific article with focus on clinical relevance of movement analysis", both at GAMMA.

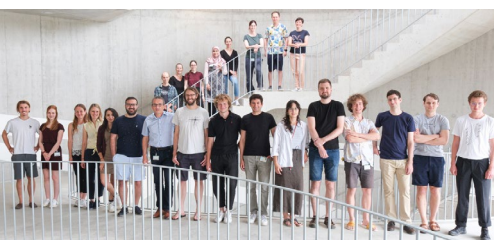
## About us – Highlighted



### DBE Summer School 2023

In June 2023, 23 students from the PhD program in Biomedical Engineering as well as from Swiss TPH participated in the [DBE Summer School 2023](#) on "Good Scientific Practice: Focus Biomedical Engineering". Seven speakers from a wide range of disciplines provided insights into principles of good scientific practice, mentoring and supervision, data protection and management, cyber safety, authorship and patenting as well as conflict management.

## About us – We welcome



### five new colleagues of the CIAN group:

1<sup>st</sup> right/on stairs, **Annette Mettler**, PhD Student, Research Focal Point: "Machine Learning for Emergency Medicine".

3<sup>rd</sup> right/on stairs, **Hélène Corbaz**, PhD Student, Research Focal Point: "Deep Learning for Neuroradiology Images".

6<sup>th</sup> right/on stairs, **Natalia Mañas Chavernas**, PhD Student, Research Focal Point: "Deep Learning Image Analysis applied to Malaria".

4<sup>th</sup> right: **Volodymyr Buchakchyskiy**, PhD Student, Research Focal Point: "Pedicule Screw & Rod Navigation".

8<sup>th</sup> left: **Sergei Pnev**, PhD Student, Research Focal Point: "Confounding Factors in Machine Learning Predictors Targeting Drug-Discovery Applications".

Find here more [details](#) including a large view of the photo.

## Events



### CURAC 2023, Biozentrum Basel, August 24 -26, 2023

Prof. Georg Rauter organizes this year's [German Society for Computer- and Robot-Assisted Surgery](#) conference which will take place at Biozentrum, Basel. The motto is "Medical Robotics Week". Workshops and networking events will in addition be offered to complement the program of the CURAC conference. [Submissions of full papers](#) or extended abstracts on all topics that fall into the area of computer and robot assisted surgery, medical imaging, navigation, surgical robotics, surgical tools, new forms of treatment, automation in hospitals, use of machine learning and AI around ORs, use of virtual/augmented reality in hospitals etc. are welcome. The submission deadline has been extended to July 5, 2023.



### 9<sup>th</sup> DBE Research Day, ZLF, August 29, 8:45-15:30

We are looking forward to seeing you at the 9<sup>th</sup> DBE Research Day with the motto "innovative research from bench to bedside" at "Zentrum für Lehre und Forschung" (ZLF) of the University Hospital Basel. Check our attractive [program](#) with translational science sketches, film screenings and very inspiring talks. Don't forget to register [here](#) if you like to join!



### Webinar on changes in project funding

Amended regulations, collaborative and interdisciplinary projects, submission on SNSF Portal: there's a lot that's new in project funding as of the July 2023 call. Find more information in the webinar on June 29, 2023 and register [here](#).

On August 25, the [SNSF](#) will be in Basel to talk about these changes and other SNSF Calls.



### Scientific Symposium "25 years of research on myeloproliferative neoplasms", June 30

You are cordially invited to attend to the Scientific Symposium in Honor of Radek Skoda "[25 years of research on myeloproliferative neoplasms](#)". The Symposium will take place at the ZLF on June 30, 2023 from 08:30 - 17:45.



### Inaugural Event Basel Center for Health Economics, Kollegienhaus, September 13

The new [Health Economics Facility \(HEF\)](#) was established at the Department of Public Health of the Medical Faculty, University of Basel. It is a fully integrated Founding Member of the [Basel Center for Health Economics \(BCHE\)](#) which brings together experts in economics and medicine to conduct innovative research and teaching on urgent challenges faced by the health sector. You are cordially invited to the [BCHE Launch Event](#) on September 13.



**ESMRMB Conference on Magnetic Resonance, Basel, October 4-7**

The Annual Scientific Meeting of the European Society for Magnetic Resonance in Medicine and Biology will take place in Basel. The ESMRMB meeting is the most important event in Europe focused on advances in magnetic resonance in Medicine. The fully packed four-day program attracts basic scientists, engineers and medical doctors and will consist of a pre-congress meeting on preclinical MR, plenaries, educational and collaboration sessions. Members of the DBE are part of the organizing team. Find more details [here](#).

**Calls & Research Funding Deadlines**



**Horizon Europe Calls for all disciplines**

From early September onwards, the next deadlines for [Horizon Europe collaborative projects](#) are coming up. Researchers at Swiss institutes are eligible to participate in collaborative projects, covering a wide range of topics.



**Swiss Cancer Research Foundation**

Project funding in all areas of cancer research: basic, clinical, epidemiological, psychosocial and health services research. Find more [here](#). Submission deadline: July 31, 23.



**New BRIDGE Proof of Concept for Bachelor's and Master's graduates**

[New BRIDGE Proof of Concept call](#) is open until September 4, 2023 – this is the second call exclusively for Bachelor's or Master's graduates who want to apply their research results and implement an innovative product or service.

**Investigator Initiated Clinical Trials (IICT) 2023**

For the ninth time, the SNSF is launching a [call for clinical studies on topics that are outside the industry focus](#). Submission deadline: November 1, 23.

**Spirit**

[SPIRIT](#) facilitates knowledge exchange between researchers in Switzerland and researchers in a range of low- and middle-income countries. Submission deadline: November 2, 23.

**Good to know**



**Scientific Integrity**

The University of Basel expects its researchers to conduct research in line with the standards and principles concerning scientific and personal integrity as defined in the [Code of Conduct and Integrity Regulations](#). At the DBE too, we have a dedicated Integrity Commission, headed by Prof. Eva Scheurer, who you can contact directly if you have any issues or concerns

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](mailto:news-dbe@unibas.ch)

