#### **General Organisation**

Department of Biomedical Engineering | Faculty of Medicine | University of Basel

#### Research Exchange Board

Dean Medical Faculty (Head)
Delegate University President's Board
Delegate University Hospital
Delegate University Children's Hospital
Delegates DBE

### Scientific Advisory Board

Prof. Markus Rudin, ETH Zürich

Prof. Regine Willumeit-Römer I Christian-Albrechts-Universität zu Kiel, Helmholtz-Zentrum Geesthacht

Prof. Christian Enzinger | Medical University of Graz Prof. Andreas Maier | Friedrich-Alexander-Universität

Erlangen-Nürnberg

Dr Christos Bergeles I Kings College London

#### DBE Head

Prof. Philippe Cattin

## DBE Manager

Dr. Daniela Vavrecka-Sidler

Central Admin & IT

### Strategic Commissions

Core Facilities (Head: Raphael Guzman) Integrity (Head: Prof. Eva Scheurer) Teaching (Head: Prof. Pablo Sinues) Coordinator: Dr. Gabriela Oser

Mentoring (Head: Prof. Bert Müller)

Outreach & Translation (Head: Prof. Cristina Granziera)

Rooms (Head: Prof. Philippe Cattin)

#### DBE Executive Board

Prof. Philippe Cattin (Head) Prof. Cristina Granziera Prof. Raphael Guzman Prof. Eva Scheurer

Prof. Pablo Sinues

#### Core Facilities

3D Print Lab

Coordinator: Prof. Florian Thieringer

**CADENCE** 

Coordinator: NN

Micro- and Nanotomography (MiNa)

Coordinator: Dr. Georg Schulz

Microcalorimetry

Coordinator: Dr. Olivier Braissant

#### Biomaterials Science and Regenerative Surgery

Biomaterials Science Center, Facial and Cranial Anomalies, Neurosurgery, Spine Surgery and Resesarch, Swiss Medical Additive Manufacturing, Technologies for Tissue Engineering, Vascularized Bone Biofabrication, Orthodontic Research Group

#### Clinical Biomechanics

CADENCE, Clinical Biomechanics in Paediatric Orthopaedics and Musculoskeletal Modelling, Computational Spine Biomechanics, Functional Biomechanics

## Data Driven Modelling & Analysis

Basel Muscle MRI, Center for medical Image Analysis & Navigation, Computational Physiology & Biostatistics, Digital Dermatology, Digital Surgery Lab, Magnetic Resonance Physics & Methodology

# Emerging Analytical & Forensic Technologies

Biological Calorimetry Lab, Forensic Medicine & Imaging Research Group, Institute of Forensic Medicine, Translational Medicine Breath Research

#### Lasers & Robotics

Bio-Inspired RObots for ME-Dicine Lab, Center for Intelligent Optics, Digital Surgery Lab, Neuroradiology Research Group, Neurosurgery.

#### Medical Imaging

Acoustic and Vestibular Research Group, Basel Muscle MRI, Bilateral Neurocircuitry Lab, Magnetic Resonance Physics and Methodology, Medical Imaging Research Group, Translational Imaging in Neurology ThINk