

DBE Council

Dean Faculty (Head)
Vice Rector Research
Director University
Director University Hospital
Director University Children's Hospital

Scientific Advisory Board

DBE Head

Philippe Cattin

DBE Manager

Daniela Vavrecka-Sidler

Central Admin & IT

Commissions

Teaching commission (Head: Pablo Sinues)
Coordinator: Gabriela Oser
PhD program commission (Head: Bert Müller)
Coordinator: Gabriela Oser
Room commission (Head: Philippe Cattin)

DBE Executive Board

Philippe Cattin (Head)
Reinald Brunner (Deputy Head)
Oliver Bieri
Ludwig Kappos
Pablo Sinues

Core Facility

Micro- and Nanotomography (MiNa)
Coordinator: Georg Schulz
3D Print Lab
Coordinator: Florian Thieringer

Biomechanics & Biomaterials

6 Research Groups (1 Unibas, 1 mixed, 1 UKBB, 2 USB, 1 UZB)

Biological Calorimetry (O. Braissant)
Biomechanics and Calorimetry (R. Brunner & N. Friederich)
Computational Spine Biomechanics (C.-C. Hasler)
Functional Biomechanics (A. Mündermann)
Spine Surgery & Research (S. Schären)
Orthodontic Research Group (C. Verna)

Imaging, Modelling & Diagnosis

14 Research Groups: (5 Unibas, 5 USB, 2 UKBB, 1 Cantonal Institute, 1 Company)

Magnetic Resonance Physics and Methodology (O. Bieri)
Center for medical Image Analysis & Navigation (P. Cattin)
Computational Physiology & Biostatistics (E. Delgado-Eckert)
Translational Imaging in Neurology (C. Granziera)
Neurosurgery (R. Guzman)
Image Registration and Motion Modelling (C. Jud)
Medical Imaging Research Group (E. Merkle)
BMC – High Resolution X-Ray Imaging (B. Müller)
Digital Dermatology (A. Navarini)
Neuroradiology (M. Psychogios)
Adaptable MRI Technology (N. Salameh & M. Sarracanie)
Institute of Forensic Medicine (E. Scheurer)
Translational Medicine Breath Research (P. Sinues)
Quantitative Bioimaging Group (J. Würfel)

Medical Lasers & Robotics

4 Research Groups (4 Unibas)

CIAN – Planning & Navigation (P. Cattin)
Bio-Inspired Robots for Medicine-Lab (G. Rauter)
Biomedical Laser and Optics Group (A. Zam)
Hightech Research Center HFZ (H.-F. Zeilhofer)

Regenerative Surgery

4 Research Groups (4 Unibas, 1 mixed, 2 USB)

Bioengineering and Regenerative Medicine (S. Madduri)
Technologies for Tissue Engineering (I. Martin)
BMC – Artificial Muscles (B. Müller)
Vascularized Bone Biofabrication (A. Scherberich)