

Holger graduated in Microbiology and Gene Technology at the University of Bielefeld. After receiving a PhD in Biology, he spent time at the Dept. of Molecular Genetics at the University of Groningen, at Stanford University Medical Center, and with the Depts. of Internal Medicine and Orthopaedics at the Erasmus MC University Medical Center. In 2013, he returned to Germany as head of Orthopaedic research in Aachen, where he became Associate Professor in Experimental Orthopaedics. Upon his Board-certification as anatomist, he additionally became Associate Professor in Human Anatomy. He holds honorary positions with the Dept. of Orthopaedics in Maastricht and the section Biomaterials & Tissue Biomechanics at the Dept. of Mechanical, Maritime and Materials Engineering of the Delft Technical University and got recently appointed as research group leader in Bionics at the Institute of Structural Mechanics and Lightweight Design of the RWTH Aachen University. He works on musculoskeletal regeneration, with a broad interest in bone, cartilage, tendon and muscle pathologies and biomaterial development. His work has been recognized by various awards, including an innovation award for pioneering additive manufacturing of absorbable metallic bone implants. He published 100+ peer-reviewed articles, holds patents in the field, and participated in several large EU consortia on osteoarthritis and bone regeneration. He is steering committee member of the Internationally Combined Orthopaedic Research Societies (ICORS) and currently serves as President of the European Orthopaedic Research Society (EORS).