

 **YUMNA ALBERTUS**

Associate Professor at the University of Cape Town, co-founder of Acino Tech and SASB, and a C2 NRF-rated researcher. She has also graduated 19 postgraduate students and serves on the ISB Executive Board. Her work focuses on research in robotic rehabilitation for spinal cord injuries, exercise-based rehabilitation for cardiovascular diseases, and monitoring neuromuscular changes to study muscle physiology and neuroplasticity.

 **WALTER HERZOG**

Professor of Biomechanics with appointments in Kinesiology, Medicine, Engineering, and Veterinary Medicine, and holds the Dr. Benno Nigg Chair in Biomechanics, Mobility, and Longevity. His research focuses on musculoskeletal and joint biomechanics, as well as osteoarthritis. He has received several awards, including the Borelli Award, Dyson Award, Muybridge Award, and Killam Prize in Engineering for his contributions to biomedical research.

 **ALBERTO MINETTI**

Professor of Physiology at the University of Milan, specialist in Biostatistics, and founder of the Low Gravity Facility in Milan. His research focuses on the physiology and biomechanics of human and animal locomotion on Earth and in space, exercise and muscle science, optimization in biomedicine, and mathematical/computational models.

 **RAJANI MULLERPATAN**

Professor, Chair of Physiotherapy, and Director of the School of Physiotherapy and the Centre of Human Movement Science at MGM Institute of Health Sciences, Navi Mumbai. She explores movement forms in daily life, work, sports, dance, and Yoga, and integrates them into culturally acceptable strategies for health promotion, therapeutic interventions, and technological design.

 **MARCUS PANDY**

Chair of Mechanical and Biomedical Engineering at The University of Melbourne, Australia. He received a PhD in mechanical engineering from Ohio State University, Columbus, and was formerly a Professor of Biomedical Engineering at the University of Texas at Austin. A focus of Dr Pandey's research career has been the development, validation, and implementation of experimental and computational tools for non-invasive assessment of muscle and joint function with mobile robot driven X-ray fluoroscopy.