Short Biographies SpringerBriefs in Space Life Sciences - Schneider

**Dr. Vera Abeln** is scientist and lecturer at the German Sport University Cologne at the Institute of Movement and Neurosciences with special interest in the effect of training interventions and active lifestyle on brain health.

**Prof. Otmar Leo Bock** is head of the Institute of Physiology and Anatomy at the German Sport University, Cologne, Germany.

**Prof. Gert-Peter Brüggemann** is Head of the Institute of Biomechanics and Orthopaedics, German Sport University Cologne, Germany.

**Dr. Uwe Drescher** is research associate at German Sport University Cologne, Institute of Physiology and Anatomy, Germany. He is involved in several projects dealing with exercise physiology with focus on cardio dynamic and pulmonary regulations as well as mathematical-physiological modelling. Dr. Drescher is member of the “Zentrum für Integrative Physiology im Weltraum (ZiP)” – Center for Health and Integrative Physiology in Space. Cologne, Germany.

**Dr. sportwiss. Uwe Hoffmann** is senior researcher at German Sport University Cologne, Institute of Physiology and Anatomy, Germany. Since 1985 he is involved in Space physiology and assigned primary and co-investigator in several projects focused on exercise and training in Space and other extreme environments. His expertise are spiroergometric methods to evaluate metabolic, respiratory and cardiovascular control. Dr. Hoffmann is member of the “Zentrum für Integrative Physiology im Weltraum (ZiP)” – Center for Health and Integrative Physiology in Space. Cologne, Germany

**Prof. Jens Kleinert** is Head of the Institute of Psychology and Vice President for Learning and Teaching at the German Sport University Cologne. Central issues of his lab group are stress, emotion, motivation, and group processes in relation to exercise and sport.

**Mrs. Jessica Koschate** is research associate at the Institute of Physiology and Anatomy of the German Sport University in Cologne. Her research interests are related to the influences of changes in gravity, age and health status on cardiorespiratory regulations. Mrs. Koschate is member of the “Zentrum für Integrative Physiology im Weltraum (ZiP)” – Center for Health and Integrative Physiology in Space. Cologne, Germany

**Dr. Anna-Maria Liphardt** is a research scientist at the Department of Internal Medicine 3 - Rheumatology and Immunology - of the Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), and at the Institute of Biomechanics and Orthopaedics at the German Sport University Cologne. Dr. Liphardt is studying the influence of immobilization, microgravity and physical activity on cartilage and bone health in healthy  subjects and patient cohorts.

**Dr. Alan Moore** is an Associate Professor at Lamar University in Beaumont, TX. He is also an Associate Scientist, collaborating with the German Sport University in Cologne. Prior to accepting his professorship at Lamar University, Dr. Moore served 25 years as a Senior Research Scientist at the NASA Johnson Space Center in Houston, TX. His areas of expertise include the cardiopulmonary adaptions to microgravity and exercise testing and prescription. Dr. Moore is a Fellow of the American College of Sports Medicine.

**PD Dr. Anja Niehoff** is Senior Lecturer at the Institute of Biomechanics and Orthopaedics, German Sport University Cologne, Germany and Head of the Cologne Center for Musculoskeletal Biomechanics at the Medical Faculty, University of Cologne, Germany.

**Dr. Fabian Pels** is a research assistant at the Institute of Psychology at the German Sport University Cologne. His research focus is on group processes in relation to exercise and sport.

**Prof. Stefan Schneider** is Director of the “Zentrum für Integrative Physiology im Weltraum (ZiP)” – Center for Health and Integrative Physiology in Space. Cologne, Germany.

**Assist. Prof. Tobias Vogt** is Head of Institute in the Institute of Professional Sport Education and Sport Qualifications at the German Sport University. Cologne, Germany.