



Minisymposium „International Space Medicine“

4. November 2014

Læsesalen (Building. 1241, lokale 211) Bartholin Building

Session I: Chair Prof. Daniela Grimm

08:30 - Introduction and Welcome by Prof. Daniela Grimm

08:35 – **Dr. Markus Wehland** “Microgravity research: from simulation to science in Space” Otto von Guericke University Magdeburg, Germany

08:55 - **Prof. Thomas Vorup-Jensen** “Leukocyte adhesion in simulated microgravity” Aarhus University, Denmark

09:15 - **Prof. Daniel Otzen** “Protein aggregation in vitro, in vivo - and in spatio?” Aarhus University, Denmark

09:55 - **Stefan Riwaldt** “First preliminary results of Cellbox One.” Otto von Guericke University Magdeburg, Germany

10:05 - 10:35 Coffee Break

Session II: Chair Prof. Thomas Corydon

10:35 - **PD Ruth Hemmersbach** “Applications and limitations of simulation experiments in gravitational biology.” German Aerospace Center (DLR), Cologne, Germany

11:15 - **Ganna Aleshcheva** “Tissue engineering of cartilage on the Random Positioning Machine.” Otto von Guericke University Magdeburg and Helmholtz Space Life Science Research School, Germany

11:25 - **Prof. Ralf Anken** “Gravity sensors of animals and their crucial role in biological life support systems” German Aerospace Center (DLR), Cologne, Germany

12:05 - 13:05 Lunch at the “Have Stuen”

Session III: Chair Prof. Ralf Anken

13:05 - **Xiao Ma** “Regulatory mechanisms of 3D aggregates of normal and malignant cells on the RPM.” Aarhus University, Denmark



List of invited speakers

Participants	Institution
Ganna Aleshcheva PhD student	University Hospital Clinic for Plastic, Aesthetic and Hand Surgery AG Grimm - Space Medicine Otto von Guericke University Magdeburg and Helmholtz Space Life Science Research School, Germany
Prof. Dr. Ralf Anken	Head of the Biomedical Science Support Center Institute of Aerospace Medicine Biomedical Research German Aerospace Center, Cologne, Germany
Prof. Dr. Thomas J. Corydon	Associate Professor Department of Biomedicine Aarhus University, Denmark
PD Dr. Marcel Egli	Head of the Competence Center: Aerospace Biomedical Science & Technology Luzerne University of Applied Sciences, Switzerland
Prof. Dr. Daniela Grimm	Department of Biomedicine Team leader of the international working group Space Medicine (Aarhus/ Magdeburg) Aarhus University, Denmark
PD Dr. Ruth Hemmersbach	Team leader of the working group: Interdisciplinary Gravity Research, Institute of Aerospace Medicine Biomedical Research German Aerospace Center, Cologne, Germany
Sascha Kopp Master Student	Department of Biomedicine Working group Space Medicine Aarhus University, Denmark
Xiao Ma PhD Student	Department of Biomedicine Working group Space Medicine Aarhus University, Denmark
Prof. Dr. Daniel Otzen	Nanobiotechnology iNANO, Department of Molecular Biology and Genetics Aarhus University, Denmark
Dr. Jessica Pietsch	University Hospital Clinic for Plastic, Aesthetic and Hand Surgery AG Grimm - Space Medicine Otto von Guericke University Magdeburg, Germany
Prof. Dr. Janne Elin Reseland	Department of Biomaterials Head of the Oral Research Laboratory (ORL) at the Institute of Clinical Dentistry, Oslo, Norway

Stefan Riwaldt PhD Student	University Hospital Clinic for Plastic, Aesthetic and Hand Surgery AG Grimm - Space Medicine Otto von Guericke University Magdeburg, Germany
Prof. Dr. Ulf Simonsen	Professor Department of Biomedicine Aarhus University, Denmark
Prof. Dr. Alamelu Sundaresan	Associate Professor Biology, Texas Southern University, Asst. Professor, Department of Surgery, Univ .of Texas Medical School in Houston and University of Houston. NASA Administrator's Fellow, USA
Prof. Dr. Thomas Vorup- Jensen	Professor MSO Department of Biomedicine Aarhus University, Denmark
Elisabeth Warnke PhD student	University Hospital Clinic for Aesthetic, Plastic and Hand surgery AG Grimm - Space Medicine Otto von Guericke University Magdeburg, and Helmholtz Space Life Science Research School, Germany
Dr. Markus Wehland	University Hospital Clinic for Plastic, Aesthetic and Hand Surgery AG Grimm - Space Medicine Otto von Guericke University Magdeburg, Germany
Prof. Chun Yang	Biomechanics and Medical Engineering Institute School of Aerospace Tsinghua University, Beijing, PR China

