**北京理工大学&苏黎世大学**

**空间生物与医学工程双边研讨会**

**会议日程**

**会议时间**：2015年06月04日8:30

**会议地点**：北京理工大学国际交流中心第一会议室

**主 持 人**：庄逢源 院士；邓玉林 教授

**嘉 宾**：瑞士苏黎世大学 Oliver Ullrich 教授；Cora Thiel 博士

瑞士驻华大使馆 Mr. Michael Waser; Mrs. LIU Chenchen; Mr. Marcel Schneider

北京航天航空大学 庄逢源 院士；桑晨 博士

中国科学院空间应用工程与技术中心 杨杨 博士

清华大学 杨春 博士

北京理工大学生命学院 刘存福 书记；唐晓英 副院长；李勤 副院长

**会议内容**：

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| --- | --- | --- | --- | --- |
| **时间** | **序号** | **内容** | **报告人** | **主持人** |
| 8:30  /  12:00 | 1 | **1）宣布会议开始**  **2）介绍与会嘉宾** | / | 庄逢源 |
| 2 | **学术报告** | / |
| 1）Overview: Space Life Sciences and Space Biotechnology (25min) | Oliver Ullrich | 邓玉林 |
| 2）Process Design of Space Experiments in the Life Science (60min) | Cora Thiel |
| 3 | **休息15min** | |
| 4 | 3）Perspective of International Cooperation for Space Utilization in Chinese Space Station (20-25min) | 杨 杨 |
| 4）Micro/nano-scale Biodecives for Space Biology & Biomedicine (20-25min) | 邓玉林 |
| 5）Protection of “Dragon's Blood I” Against the Radiation Damage in Rats (20min) | 庆宏/王睿 |
| 6）Molecular Mechanism of Radiobiological Effect on Neural Cells Exposed by Heavy Ion or R-ray (20min) | 马 宏 |
| 12:00 | 5 | **午宴** | | |
| 14:00  /  18:00 | 6 | 7）Cellular and Molecular Sensitivity in Cells of the Immune System to Altered Gravity (45min) | Oliver Ullrich | 邓玉林 |
| 8）Biomarker Stability and Recovery During Ballistic Spaceflight Experiments and in Mars-analogue Environments (45min) | Cora Thiel |
| 9）Blood Cell-endothelial Cell Interaction Influenced by Simulated Microgravity (20-25min) | 桑晨 |
| 7 | **休息15min** | |
| 8 | 10）Cells Sensing Gravity via Integrin Trafficking and Cytoskeleton Rearrangement (20-25min) | 杨春 |
| 11）PK Patterns of Dragon's Blood in Simulated Microgravity Rats (20min) | 李玉娟 |
| 12）Quantitative Proteomics and its Application in Simulated Microgravity (20min) | 张永谦 |
| 18:30 | 9 | **晚宴** | | |

**Program for Beijing Institute of Technology & Zurich University Bilateral Symposium on Space Life and Medical Engineering**

**Time**： From 8:30, June 04 (Thursday), 2015

**Venue**：Conference Room No.1, International Education Commucation Building, BIT

**Host**： ZHUANG Fengyuan; DENG Yulin

**Guests**：Zurich University: Dr. Oliver Ullrich; Dr. Cora Thiel

Embassy of Switzerland in China: Mr. Michael Waser; Mrs. LIU Chenchen; Mr. Marcel Schneider

Beihang University: Prof. ZHUANG Fengyuan; Dr. SANG Chen

Technology and Engineering Center for Space Utilization (CSU), Chinese Academy of Sciences: Dr. YANG yang

Tsinghua University: Dr. YANG Cun

School of Life Science, Beijing Institute of Technology: Prof. LIU Cunfu; Prof. TANG Xiaoying; Prof. LI Qin

**Agenda**：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Time** | **NO** | **Theme** | **Reporter** | **Host** |
| 8:30  /  12:00 | 1 | **Introduction on Participants** | / | ZHUANG Fengyuan |
| 2 | **Speech** | / |
| 1）Overview: Space Life Sciences and Space Biotechnology (25min) | Oliver Ullrich | DENG Yulin |
| 2）Process Design of Space Experiments in the Life Science (60min) | Cora Thiel |
| 3 | **Break for 15min** | |
| 4 | 3）Perspective of International Cooperation for Space Utilization in Chinese Space Station (20-25min) | YANG yang |
| 4）Micro/nano-scale Biodecives for Space Biology & Biomedicine (20-25min) | DENG Yulin |
| 5）Protection of “Dragon's Blood I” Against the Radiation Damage in Rats (20min) | QIN Hong  WANG Rui |
| 6）Molecular Mechanism of Radiobiological Effect on Neural Cells Exposed by Heavy Ion or R-ray (20min) | MA Hong |
| 12:00 | 5 | **Lunch** | | |
| 14:00  /  18:00 | 6 | 7）Cellular and Molecular Sensitivity in Cells of the Immune System to Altered Gravity (45min) | Oliver Ullrich | DENG Yulin |
| 8）Biomarker Stability and Recovery During Ballistic Spaceflight Experiments and in Mars-analogue Environments (45min) | Cora Thiel |
| 9）Blood Cell-endothelial Cell Interaction Influenced by Simulated Microgravity (20-25min) | SANG Chen |
| 7 | **Break for 15min** | |
| 8 | 10）Cells Sensing Gravity via Integrin Trafficking and Cytoskeleton Rearrangement (20-25min) | YANG Chun |
| 11）PK Patterns of Dragon's Blood in Simulated Microgravity Rats (20min) | Li Yujuan |
| 12）Quantitative Proteomics and its Application in Simulated Microgravity (20min) | ZHANG Yongqian |
| 18:30 | 9 | **Dinner** | | |