Program
Clinical Microdialysis Symposium
Berlin-Buch

December 11-12, 2014
Thursday December 11

11:00-12:15 Registration & coffee
12:15-12:30 Welcome/Introduction Dr Michael Boschmann
12:30-13:10 Key Lecture Prof Urban Ungerstedt

13:10-14:40 Methods & Metabolic monitoring in peripheral tissue
Chairs: Dr Michael Boschmann & Prof Urban Ungerstedt Stockholm, SE

- Bilateral muscle metabolic monitoring by Microdialysis in patients with symptomatic hemiparetic stroke” Dr Jennifer Klaer Berlin, DE
- Multiple sclerosis and muscle metabolism” Dr Anja Mahler Berlin, DE
- Blood flow assessment using Microdialysis Urea clearance” Dr Simon Farnebo Linköping, SE
- Systemic and muscle metabolic response to a 6 week training under normobaric hypoxic conditions” Dr Lars Klug Berlin, DE

14:40-15:10 Coffee break

15:10-16:30 Gastro & Liver surgery session
Chairs: Prof Niels Qvist Odense, DK, Prof Tor Inge Tønnessen Oslo NO & Dr Kjell Jansson Örebro, SE

- Monitoring mediators of metabolism and inflammation in liver transplants” Dr Håkon Haugaa Oslo, NO
- Intraperitoneal hypoxia and ischemia precede surgical complications” Dr Kjell Jansson Örebro, SE
- Topical Microdialysis in early detection of complications after gastrointestinal surgery” Dr Mark B Ellebæk Odense, DK

16:30-18:00 Neuromonitoring
Chairs: Prof Carl-Henrik Nordström Odense, DK & Dr Bo-Michael Bellander Stockholm, SE

- Bedside detection of cerebral mitochondrial dysfunction by Microdialysis” Dr Troels H Nielsen Odense, DK
- A report from the 2014 International Microdialysis Forum in Cambridge” Dr Ibrahim Jaljoh Cambridge, UK
- Cerebral Microdialysis in SAH patients: the use in clinical practice and research” Dr Raimund Heltlok Innsbruck, AT
- Microdialysis monitoring of CSF parameters in severe traumatic brain injury patients” Dr Erik Thelin Stockholm, SE
- Techniques for bedside monitoring of global cerebral energy state - possibilities and limitations” Prof Carl-Henrik Nordström Odense, DK

18:00 End of the first day sessions
19:00-22:30 Dinner at the Restaurant Künstlerhof

Friday December 12

08:30-10:20 Reconstructive & Orthopedic Surgery session
Chairs: Prof Li Felländer-Tsai Stockholm, SE & Dr Hanne Birke-Sørensen Århus, DK

- Microdialysis monitoring of free intra oral flaps Dr Marius Bredell Zürich, CH
- Optimizing the treatment in orthopaedic surgery with Microdialysis” Dr Lasse Enkeboelle Rasmussen Vejle, DK
- Monitoring bone free flaps with Microdialysis catheter directly positioned in bone tissue: an original method to assess the viability of bone flaps” Dr Cecilia Neiva Amiens, FR
- Microdialysis in reconstructive and orthopaedic surgery advantages and disadvantages - possibilities and limitations” Dr Hanne Birke-Sørensen Århus, DK

10:20-10:45 Coffee break

10:45-12:05 Drug monitoring & Drug development session
Chairs: Prof Markus Zeitlinger Vienna, AT & Prof Urban Ungerstedt Stockholm, SE

- Microdialysis for drug monitoring in psoriasis patients” Dr Sven Quist Magdeburg, DE
- In vitro and in silico approaches to improve clinical drug monitoring and drug development” Iris Minichmayr & Christine Weiser Berlin, DE
- Antibiotics dose optimization” Prof Markus Zeitlinger Vienna, AT

12:05-13:30 Lunch

13:30-15:10 Monitoring large molecules session
Chair: Prof Tor Inge Tønnessen Oslo, NO & Dr Andreas Dahlin Uppsala, SE

- Monitoring of large molecules and lipids” Ass Prof Bijar Ghasfouri Linköping, SE
- Continuous monitoring of tau and axonal damage in brain injured patients” Dr Sandra Magnoni Milan, IT
- Microdialysis sampling of proteins in vitro and in vivo” Dr Andreas Dahlin Uppsala, SE
- Immunological biomarkers: From recovery rate to clinical applications” Prof Tor Inge Tønnessen Oslo, NO

15:10 Final discussion Dr M Boschmann & Prof U Ungerstedt
15:30 End of the meeting