Thursday December 11

Location: MDC building no.83, Robert-Rössle-Straße 10, 13125 Berlin.

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 peripherial 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 Mähler 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: Dr Niels Qvist Odense, DK, Prof Tor Inge Tönnessen 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 Micodialysis in early detection of complications after gastrointestinal surgery” Dr Mark B Ellebaeck 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 Jalloh Cambridge, UK

“Cerebral Microdialysis in SAH patients: the use in clinical practice and research” Dr Raimund Helbok 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 CH Nordstöm Odense, DK

18:00 End of the first day sessions

19:00-22:30 Dinner at the Restaurant Künstlerhof
Program Clinical Microdialysis Symposium in Berlin-Buch
December 11-12, 2014

Friday December 12

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

“Microdialysis monitoring of Free intra oral flaps” Dr Bredell Zürich, CH

“Optimizing the treatment in orthopaedic surgery with Microdialysis” Dr Lars Enkebolle 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-Sörensen Århus, DK

10:20-10:45 Coffee break

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

“Assessment of local pharmacodynamic parameters using Microdialysis” Dr Sandor Batkai Hannover, DE

“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

12:05-13:30 Lunch

13:30-15:10 Monitoring large molecules session
Chair: Prof Tor Inge Tönnessen Oslo, NO & Prof Lars Hillered Uppsala, SE

“Monitoring of large molecules and lipids” Ass Prof Bijar Ghafouri 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 Tönnessen Oslo, NO

15:10 Final discussion Dr M Boschmann & Prof U Ungerstedt

15:30 End of the meeting