

Final presentation title:

POTENTIAL OF CEREBRAL MICRODIALYSIS FOR BIOMARKER MONITORING IN THE NEURO-ICU

Speaker presentation objectives:

At the conclusion of this program, the participants will be able to:

1. Outline the current status of metabolic monitoring of Neuro-ICU patients with traumatic brain injury (TBI) using cerebral microdialysis and low molecular biomarkers of energy metabolic crisis;
2. Identify the potential of cerebral microdialysis for studying protein biomarkers of human TBI using high molecular cut-off membrane catheters and modern proteomic methodology;
3. Appreciate the methodological issues involved in cerebral microdialysis sampling using high molecular cut-off membrane catheters.