

## **August 29 - Welcome reception - Hotel Makár - Faculty Dinner**

19:00 - 22:00 Welcome reception - Hotel Makár + Faculty Dinner

## **August 30 - THE GLOBAL BURDEN OF TRAUMATIC BRAIN INJURY**

07:00 - 18:00 Registration, Information

08:00 - 08:20 The Global Epidemiology of Traumatic Brain Injury - Where can we go, what efforts should be made?

Andrew I. R. Maas (Edegern, Belgium)

08:20 - 08:40 Epidemiology of Traumatic Brain Injury in China and Asia.

Guoyi Gao (Shanghai, China)

08:40 - 09:00 Outcome assessment following TBI

Nicole von Steinbüchel-Rheinwall (Göttingen, Germany)

09:00 - 09:20 Epidemiology of Traumatic Brain Injury in Africa

Anthony Figaji (Cape Town Area, South Africa)

09:20 - 09:40 Global perspectives of Neurosurgery and the care for Neurotrauma

09:40 - 09:50 Discussion

09:50 - 10:10 Coffee break

## **August 30 - GLIAL AND AXONAL PATHOLOGY IN TBI**

10:10 - 10:30 The role of oligodendroglia in TBI

Niklas Marklund (Uppsala, Sweden)

10:30 - 10:50 Advanced neuroimaging of diffuse axonal injury

Alexander Potapov (Moscow, Russia)

10:50 - 11:10 Diffuse Brain Injury - neurons, axons, vascular networks. What can we learn from basic science?

John T. Povlishock (Richmond, Virginia, United States)

11:10 - 11:30 The neuropathological approach to diffuse brain injury

William Stewart (Glasgow, Scotland, United Kingdom)

11:30 - 11:50 Discussion

## **August 30 - TRANSLATION RESEARCH - MYTH OR THE FUTURE OF SCIENCE**

11:50 - 12:10 Translational Research - where are we? Where do we go from the point of the clinician?

Alex Valadka (Austin, Texas, United States))

12:10 - 12:30 Review talk on the Operation Brain Trauma Therapy Program: standardisation of preclinical sciences in Neurotrauma Research

Helen M. Bramlett (Miami, Florida, United States)

12:30 - 12:50 Translational Research - where are we and where do we go from the point of the basic scientist?

Robert Vink (Adelaide, Australia)

12:50 - 13:10 The future of translational research in Europe. What did we achieve?

Where do we go?

Marten Risling (Stockholm, Sweden)

12:50 - 13:00 Discussion

13:00 - 14:00 Lunch

## **August 30 - CLINICAL TRIALS AND GRANTS IN TBI**

14:00 - 14:20 A review of drug trials and the perspective of pharmaceutical research in the field of Neurotrauma.

Andreas Unterberg (Heidelberg, Germany)

14:20 - 14:40 EPO does not alter serum profiles of UCH-L1 and pNF-H

Cristina Morganti-Kossmann (Melbourne Australia)

14:40 - 15:00 Is cooling still cool?

Martin Smrčka (Brno, Czech Republic)

15:00 - 15:20 Surgical trials in the field of Traumatic Brain Injury - recent developments and future perspective

Peter Hutchinson (Cambridge, United Kingdom)

15:20 - 15:40 What did we gain from inTBIR: is there a partnership in the routine care for neurotrauma on the horizon?

15:40 - 15:50 TBI databases ?an invaluable resource of big data?

Denes V. Agoston

15:55 - 16:00 Discussion

16:00 - 18:00 Coffee break - POSTER SESSION Presentation of the best abstracts

19:30 - 22:30 Gala dinner

## **August 31 - BIOMARKERS of TBI**

07:00 - 18:00 Registration, Information

08:00 - 08:20 Biomarkers in the early diagnosis of Traumatic Brain Injury, the Scandinavian experience

Bo-Michael Bellander (Stockholm, Sweden)

08:20 - 08:40 Subacute and chronic biomarkers in Traumatic Brain Injury

Kevin W. Wang (Gainesville, Alachua County, Florida, United States)

08:40 - 09:00 Results and future perspective of biomarker research under the framework of the inTBIR collaboration

Ramon Diaz-Arrastia (Philadelphia, Pennsylvania, United States)

09:00 - 09:20 Biomarker development from bench to FDA approval

Ronald L. Hayes (Alachua, Florida, United States)

09:20 - 09:40 Harmonisation and systematic approach to the sophisticated use of biomarkers in the field of Traumatic Brain Injury

Stefania Mondello (Messina Italy)

09:40 - 09:50 Discussion

09:50 - 10:10 Coffee break

## **August 31 - CONTEMPORARY CLINICAL CARE FOR SCI**

10:10 - 10:30 Contemporary care for acute spine injury: review of the available

guidelines

Oliver W. Sakowitz ( Ludwigsburg, Germany)

10:30 - 10:50Neuromodulation of the spinal cord to recover motor and autonomic function

Reggie V. Edgerton (California, Los Angeles, United States)

10:50 - 11:10Contemporary achievements in neuro rehabilitation: What can we offer for the average patient and what is the future?

W. Dalton Dietrich (Miami, Florida, United States)

11:10 - 10:25Contemporary care of cervical spine injuries

Róbert Veres (Budapest, Hungary)

11:25 - 11:40Minimal invasive spine surgery

Attila Schwarcz (Pécs, Hungary)

11:40 - 12:00The future of spine surgery - is there a role for neurosurgeons?

Michael Fehlings (Toronto, Canada)

12:00 - 12:10Discussion

12:10 - 13:10Lunch

## **August 31 - CONTEMPORARY CLINICAL CARE FOR TBI**

13:10 - 13:30From the scene till the OR - assessing best practices for the first 60 minutes of TBI care

Mark Wilson (London, United Kingdom)

13:30 - 13:50Invasive and non-invasive approaches for neuro monitoring at the ICU - my vision for the forthcoming 25 years

Marek Czosnyka (Cambridge, United Kingdom)

13:50 - 14:10Altered haemostasis: and unrecognised and under treated player in the outcome of Traumatic Brain Injury

Marc Maegele (Köln, Germany)

14:10 - 14:25Neuroimaging in severe Traumatic Brain Injury

Pál Barzó (Szeged, Hungary)

14:25 - 14:40State of the art MRI tools in the Neurosurgical care - what can we expect from PET MR?

Tamás Dóczi (Pécs, Hungary)

14:40 - 15:00The future of non-invasive neuro monitoring

15:00 - 15:20Is there a routine anaesthesia for severe head injury with particularly emphasise on polytrauma cases?

Steven Robicsek (Gainesville, Florida, United States)

15:20 - 15:40Contemporary tools of neuro monitoring at the ICU. What is for routine and what is for research?

Nino Stocchetti (Milan, Italy)

15:40 - 15:50Discussion

15:50 - 16:10Coffee break

## **August 31 - ORGANIZATION OF CARE - GUIDELINES AND THEIR APPLICATION**

- 16:10 - 16:30 Organisation of Neurotrauma Systems in Europe with particular emphasis on the TARN database and NICE  
Fiona Lecky (Manchester, United Kingdom)
- 16:30 - 16:50 Organisation of the Neurotrauma System in Japan - how translational research affects the everyday care?  
Maeda Takeshi (Tokyo, Japan)
- 16:50 - 17:10 A critical appraisal of guidelines for the treatment of Traumatic Brain Injury  
Randall Chesnut (Washington, D.C., United States)
- 17:10 - 17:30 Contemporary clinical care for Traumatic Brain Injury - European consequences of the AANS guidelines, ideas from a developed country  
Antonino Germano (Messina, Italy)
- 17:30 - 17:50 Contemporary clinical care for Traumatic Brain Injury - European consequences of the AANS guidelines, ideas from a less developed country  
Andras Buki (Pécs, Hungary)
- 17:50 - 18:00 Closing remarks
- 19:00 - 23:00 Wine Dinner in Villány