

Dementia and Traumatic Brain Injury

Date: Saturday, 23 April 2016

Session starting time: 17:45

Meeting room: Liszt room

Speakers:

1. Prof. Tamás Kurimay – Budapest (Hun):

Introduction:

The Role and Risks of Physical Activity and Sport in Different Forms of Dementia *4 min*

2. Prof. András Büki – Pécs (Hun):

Introduction:

Minor Injury- Major Consequences: Traumatic Brain Injury Revisited *5min*

3. Prof. John Povlishock – Richmond, VA (US):

Repetitive Traumatic Brain Injury and its Implications for Alzheimer's-Like Change *17min*

4. Prof. Ronald Hayes – Gainesville, FL (US):

The Pathobiology of Sport Related Diffuse Brain Injury and its Links to Alzheimer's Disease, Parkinson's Disease and Chronic Traumatic Encephalopathy *17min*

5. Prof. William Stewart – Glasgow (Scotland):

Chronic Traumatic Encephalopathy: Traumatic Brain Injury Associated Dementia as a Model to Unlock Neurodegenerative Disease *17min*

Biographies of the presenters:



Prof. Tamás Kurimay

Tamás Kurimay, M.D., Ph.D, graduated at Semmelweis University Budapest in 1979. As a clinician, has got postgraduate specialty in psychiatry, psychotherapy (including family and cognitive therapy), addictionology, and rehabilitation also in supervision.

He has been teaching at Semmelweis University for 24 years, and Eötvös Lóránt University Budapest, for 11 years. He is a Professor at Eötvös Lóránt University and Semmelweis University, Budapest. Since 2011 he is the chair of the Medical Advisory Board of the Hungarian Resource Ministry, Council of College of Psychiatry and Psychotherapy. Board member of the European Psychiatric Association, NPA's vice-chair.

In psychiatry and addiction research his main interests are how to utilize and influence the bio-psycho-social systems through life-cycles, including old age, and sports-related topics, networks including families.

Over eighty scientific publications, author and co-author of more than 25 books and chapters, over 300 oral presentations at scientific conferences related to these topics.



Prof. András Büki

Andras Buki is Professor and Chair of the Department of Neurosurgery at the University of Pecs, Hungary. Buki gained his national board exam from neurosurgery in 1996 and clinical oncology in 2011 and is primarily involved in neurooncology and neurotrauma care. He is an individual member of the EANS since 2004 and has participated in the work of the EANS Training Committee between 2007 and 2011 and serve as the Treasurer of the EANS between 2012 and 2015.

He was trained in Pecs, Hungary, and also participated in neurotrauma research at the Virginia Commonwealth University, Richmond, VA between 1997 and 1999 and he defended his PhD in 1999 and DSc thesis in 2006, and published more than 50 peer reviewed manuscripts; his H index is 21. Doctor Büki is Past President of the International Neurotrauma Society, Secretary of the Hungarian Neurosurgical Society and Board member of the European Brain Injury Consortium. Dr. Buki is awarded with the 2000 Aesculap Prize of the EANS.



Dr. William Stewart

Dr Stewart is Consultant and Lead Neuropathologist at the Southern General Hospital, Glasgow, and holds honorary Associate Professor status at the University of Glasgow (Institute of Neuroscience & Psychology) and the University of Pennsylvania (Department of Neurosurgery).

Dr Stewart's research in TBI utilises the unique Glasgow TBI Archive to characterise the complex pathologies of human TBI, with particular focus on the link between TBI and late neurodegenerative disease. This work attracts research funding from a variety of agencies, including the US NIH and Department of Defence, NHS Research Scotland and the European Community, reflecting his insight into the biology and pathology of TBI Dr Stewart acts as an external advisor to multiple national and international

sports and government organisations.



Dr. Ronald Hayes

Ronald L. Hayes, Ph.D. is co-founder and Chief Science Officer of Banyan Biomarkers, Inc. He is also Director of Banyan Laboratories. Previously he was Director of the University of Florida's Center for Traumatic Brain Injury Studies which focused on laboratory studies of basic mechanisms of traumatic brain injury and development of novel therapies to treat deficits following brain injury including disturbances in memory and attention. Dr. Hayes has more than 35 years of experience studying brain injury. He is past President of The National Neurotrauma Society, on the Scientific Advisory Boards of International Brain Injury Association and the International Neurotrauma Society. Dr. Hayes has published more than 300 peer reviewed papers and more than 50 book chapters. Dr. Hayes has also

co-edited three books on traumatic brain injury. He has been funded by the National Institutes of Health (NIH) for more than 30 years and is currently funded by both the NIH and the Department of Defense.



Dr. John Povlishock

Dr. John Povlishock is Chair of Anatomy and Neurobiology on the Medical College of Virginia Campus of Virginia Commonwealth University. He serves as Editor-in-Chief of the *Journal of Neurotrauma*, as well as the Director of the Commonwealth Center for the Study of Brain Injury. His research focuses on traumatic brain injury, with emphasis on neuroprotection, targeting neuronal, axonal, and vascular change. His work has been reported in over 200 papers, reviews, books, and chapters which, to date, have been cited over 18,000 times. For his research accomplishments, he has received two Javits Neuroscience Investigator Awards from the National Institute of Neurological Disorders and Stroke, which also awarded him their Gold Medal for Brain Injury Research. He has also received the Caveness Award from the National Head Injury Foundation, the Brain Trauma Lecture Award from the Joint Congress of Neurological Surgery, the Bass Lecturer Award from the Society of Neurological Surgeons, the Peter and Eva Safar Lecture Award from the University of Pittsburgh, and the Deborah L. Warden Lectureship from the

Defense and Veterans Brain Injury Center. In 2006, Dr. Povlishock was the recipient of the Commonwealth of Virginia's Outstanding Scientist Award while in 2011, he was awarded a Doctor of Science Degree (honoris causa) from the University of Pécs in Hungary. Over his 42 year academic career he has served as a chartered member and chair of numerous NIH review panels, while also serving as chair of the VA merit review system in neuroscience and the Commonwealth of Kentucky's Brain and Spinal Cord Injury Research Trust review panel. He recently completed four years of service on the National Advisory Neurological Disorders and Stroke Council of the National Institutes of Health.