

## Grand Plenary

### **CNS - Richardson Lecture - Acute Stroke Treatment »**

Michael Hill



**Michael Hill**

#### **Acute Stroke Treatment**

#### **CNS Richardson Lecture - Dr. Michael Hill**

**Michael Hill is a Professor for the Departments of Clinical Neurosciences, Community Health Sciences, and Medicine and Radiology, University of Calgary. He is also Director of the Stroke Unit for the Calgary Stroke Program, Alberta Health Services and has recently completed a 5-year term as the Associate Dean Clinical Research, University of Calgary.**

Dr. Hill completed undergraduate training at McGill University in biochemistry and went on to the University of Ottawa medical school. He trained in internal medicine at the University of Ottawa and received his FRCPC (Internal Medicine) in 1997. Subsequently he completed a neurology residency at the University of Toronto and received his FRCPC (Neurology) in 1999. Dr. Hill moved to Calgary to undertake a stroke fellowship and clinical epidemiology training at the University of Calgary and was appointed to faculty in 2001. He then completed his MSc thesis in 2003.

Dr. Hill's research interests include stroke thrombolysis, stroke epidemiology and surveillance and clinical trials. He holds the Heart & Stroke Foundation of Alberta/NWT/Nunavut-Hotchkiss Brain Institute professorship in Stroke Research. He holds or has held operating and clinical trials grants from the CIHR, Heart & Stroke Foundation of Alberta/NWT/Nunavut, from various industry partners as

8:00  
AM  
to  
10:30  
AM

well as NIH (NINDS). Dr. Hill has also received a number of awards, including the Barnett Scholarship, the Pessin Award and the ARP merit award and the Performance Recognition award for his role in research and his outstanding publication record.

He is the past chair of the Heart & Stroke Foundation of Alberta board, the Canadian Stroke Network Evaluation and Information group and currently sits on the board for the Canadian Neurosciences Federation. He has made contribution to the NINDS Stroke group, the Canadian Hypertension Education Program (CHEP) and the Canadian Best Practices for Stroke Guidelines. He sits as an editorial board member for Stroke, International Journal of Stroke and the Canadian Journal of Neurological Sciences.

He recently lead the ESCAPE trial with his co-PIs Drs. Goyal and Demchuk and colleagues across Canada, showing that rapid endovascular therapy for acute ischemic stroke results in a major improvement in good outcomes after acute ischemic stroke.

### **CSCN - Gloor Lecture- Laser-Ablation of Mesial Temporal Structures »**

Andres Kanner



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#### **Laser-Ablation of Mesial Temporal Structures**

#### **CSCN Gloor Lecture – Andres Kanner**

**Dr. Andres M. Kanner is Professor of Clinical Neurology, Head of the Epilepsy Section and Director of the Comprehensive Epilepsy Center at the University of Miami, Miller School of Medicine, which he joined on January 1<sup>st</sup> 2013. Prior to coming to Miami, he was director of the Laboratory of Electroencephalography and Video-EEG-Telemetry, Associate Director of the Section of Epilepsy and of the Rush Epilepsy Center and Professor of Neurological Sciences and Psychiatry at Rush Medical College of Rush University.**

Dr. Kanner was born in Mexico City, where he grew-up and attended Medical School at the National Autonomous University of Mexico. After graduating from Mexico he moved to the USA where he completed a residency in Psychiatry at the Long-Island Jewish Hillside Medical Center in New Hyde Park, New York, a residency in Neurology at the Department of Neurology of Mount Sinai Medical Center in New York City and completed his training with a fellowship in Epilepsy and Clinical Neurophysiology at the Cleveland Clinic Foundation in Cleveland, Ohio. Dr. Kanner is quadruple-boarded in Neurology, Psychiatry, Clinical Neurophysiology and Epilepsy.

Dr Kanner has long-standing research interests in the areas of pharmacology of epilepsy, psychiatric aspects of epilepsy and surgical treatment of temporal lobe epilepsy. He has authored or coauthored over 80 research publications, over 75 invited review articles and over 73 book chapters and has edited two textbooks and co-edited four. He is the Editor-in-Chief of *Epilepsy Currents*, the official journal of the American Epilepsy Society.

Dr. Kanner was awarded the J. Kiffin Penry Award for Excellence in Clinical Care in Epilepsy by the American Epilepsy Society in December 2010, the Epilepsy Ambassador Award from the International League Against Epilepsy in August 2011 and the Award for Outstanding Medical Service from the Epilepsy Foundation of Chicago in November 2011. In 2012, he was given the Award of Epilepsy Ambassador for Latin America by the Latin American Commission of the International League Against Epilepsy. He was invited to be the Lennox-Lombroso Lecturer at the 2013 meeting of the American Epilepsy Society, held in December 2013.

Dr. Kanner has served as Co-Chair of the Neuropsychobiology Commission of the International League Against Epilepsy and as Past Chair of Epilepsy Section of the American Academy of Neurology. He chairs the Practice Committee of the American Epilepsy Society.

**CACN - Tibbles Lecture - Canada's path forward for rare genetic diseases: Discovery to translation »**

Kym Boycott



**Kym Boycott**

**Canada's path forward for rare genetic diseases: Discovery to translation**

**CACN Tibbles Lecture – Dr Kym Boycott**

**Kym Boycott is a Medical Geneticist at the Children’s Hospital of Eastern Ontario (CHEO) and Clinician Scientist at the CHEO Research Institute. She is a Professor of Pediatrics and holds a Tier II Research Chair in Neurogenetics from the Faculty of Medicine at the University of Ottawa. She completed her PhD, MD and FRCPC training in Medical Genetics at the University of Calgary.**

Dr. Boycott’s research, bridging clinical medicine to basic research, is focused on elucidating the molecular pathogenesis of rare genetic diseases using next-generation sequencing approaches. She has been the recipient of the Canadian Institutes of Health Research Clinical Investigatorship Award from the Institute of Genetics, the SickKids Foundation Young Investigator Award and the Basil O’Connor March of Dimes Young Investigator Award. She was the Lead Investigator of the Genome Canada and CIHR funded ‘Finding of Rare Disease Genes in Canada’ (FORGE Canada) project, which investigated the molecular etiology of more than 250 rare pediatric diseases, identifying the cause in more than 55% and making 67 novel disease gene discoveries.

She currently leads the Genome Canada and CIHR funded large-scale project ‘Enhanced CARE for RARE Genetic Diseases in Canada’, which is focused on improving the clinical care of patients and families by expanding and improving the diagnosis and treatment of rare diseases. Dr. Boycott moves the international rare disease agenda forward through her role as the Chair of the Diagnostics Committee of the International Rare Disease Research Consortium.

**CNSS - Penfield Lecture - Microsurgery of Cerebral AVMs »**

Juha Hernesniemi



**Juha Hernesniemi**

**Microsurgery of Cerebral AVMs**

**CNSS Penfield Lecture – Dr Juha Hernesniemi**

**Dr Juha Hernesniemi is an Emeritus Professor, Department of Neurosurgery at Helsinki University, Finland and Professor hcBurdenko Institute, Moscow. He is the Founding Member of World Academy of Neurological Surgeons**

HERNESNIEMI, Juha Antero, born in a small village of Niemonen (less than 100 inhabitants), Kannus, Finland Oct 18, 1947. High school in Ruovesi, Finland 1966, Medical school at the University of Zürich, Switzerland, Dr.Med. Zürich 1973. Specialist in neurosurgery, Helsinki, 1979, PhD, Helsinki 1979. Associate Professor Kuopio 1987, Senior Physician and Co-Chairman Kuopio 1980-97.

Professor and Chairman, Department of Neurosurgery, University Central Hospital of Helsinki, 1997- current  
Study periods at 20 foreign neurosurgical centers, including Profs.Yasargil and Drake/Peerless. Personal microsurgical experience: more than 16,000 operations including more than 5,000 cerebral aneurysms,AVMs and DAVFs, more than 3,000 brain tumours.

Professor hcBurdenko Institute 2013, Visiting Professor at >50 universities around the world, more than 300 original articles (mainly on cerebral aneurysms)