10th Annual Denis Melancon Neuroradiology Conference and Lecture

October 13, 2017

Montreal Neurological Institute and Hospital, 3801 University Street
De Grandpre Communications Centre

Program

8:30   Registration / Breakfast

9:00   Welcome
Donatella Tampieri, MD
Neuroradiology, Montreal Neurological Hospital and Institute

Introduction of speakers/ moderator
Maria Cortes, MC
Neuroradiology, Montreal Neurological Hospital and Institute

9:05 – 9:25   Imaging of pediatric intra-axial brain tumors
Nagwa Wilson, MD
Radiology, Montreal Children’s Hospital

9:30 – 9:50   Indications, technique and result of ventriculostomy
Roy Dudley, MD
Neurosurgery, Montreal Children’s Hospital

9:55 – 10:15  Use of Intra-operative MRI in pediatric tumor surgery
Jean-Pierre Farmer, MD
Neurosurgery, Montreal Children’s Hospital

10:15 – 10:45 Coffee break

10:50 – 11:10 Management of posterior fossa tumor in children
Jeffrey Atkinson, MD
Neurosurgery, Montreal Children’s Hospital

11:15 – 11:35 Molecular markers in gliomas: the role of neuropathology
Jason Karamchandani, MD
Pathology, Montreal Neurological Institute

11:40 – 12:00 The role of Neuro-oncology in high grade glioma
Scott Owen, MD
Oncology, Royal Victoria Hospital

12:05 – 1:00 Lunch
1:00 - 11:20  The role of radiation therapy in the treatment of malignant gliomas  
Luis Souhami, MD  
Radiation Oncology, Royal Victoria Hospital

1:25 - 1:45  Update on the randomized trials in patients with malignant gliomas  
Roberto Jose Diaz, MD  
Neurosurgery, Montreal Neurological Institute and Hospital

1:50 - 2:10  Surgery of malignant gliomas: the role of neurosurgery in extending patient's survival and improving life quality  
Kevin Petrecca, MD  
Neurosurgery, Montreal Neurological Institute and Hospital

2:15 - 2:30  Computer vision methods for the analysis of tumor images  
Peter Savadjiev, PhD  
Assistant Professor, Diagnostic Radiology, McGill University  
Associate Member, School of Computer Science, McGill University

2:35 – 2:55  Break

3:00  Introduction of Keynote speakers  
(Donatella Tampieri and Maria Cortes)

3:05 - 3:50  Imaging of gliomas: is the molecular profile and the WHO classification reflected by advanced imaging techniques?  
Walter Kucharczyk, MD  
Departments of Medical Imaging and Surgery, University of Toronto  
Director, Magnetic Resonance Imaging and Research Programs  
Toronto Joint Department of Medical Imaging  
Affiliate Scientist, Krembil Neurosciences Institute, Toronto  
Senior Scientist, Techna Research Institute, Toronto, Canada

3:55 - 4:35  Neurosurgical approach to high grade glial tumours  
Brian D Toyota, MD  
Head, Division of Neurosurgery  
University of British Columbia, Vancouver General Hospital  
British Columbia, Canada

4:40 - 5:20  The 2016 CNS WHO Classification: its changes and challenges a year later  
David N. Louis, MD  
Pathologist-in-Chief, Massachusetts General Hospital  
Benjamin Castleman Professor of Pathology, Harvard Medical School

5:25  Discussion and Closing Remarks – Donatella Tampieri  
Cocktail Reception (Helen Penfield Atrium)