



# 10<sup>th</sup> 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)

