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 / 1st Poster Session

10:50 – 11:10

Management of posterior fossa tumor in children
Jeffrey Atkinson, MD
Neurosurgery, Montreal Children’s Hospital
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>11:15 – 11:35</td>
<td>Molecular markers in gliomas: the role of neuropathology</td>
<td>Jason Karamchandani, MD Pathology, Montreal Neurological Institute</td>
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<td>11:40 – 12:00</td>
<td>The role of Neuro-oncology in high grade glioma</td>
<td>Scott Owen, MD Oncology, Royal Victoria Hospital</td>
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<td>12:05 – 1:00</td>
<td>Lunch – 2nd Poster Session</td>
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<td>1:00 - 11:20</td>
<td>The role of radiation therapy in the treatment of malignant gliomas</td>
<td>Luis Souhami, MD Radiation Oncology, Royal Victoria Hospital</td>
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<td>1:25 - 1:45</td>
<td>Update on the randomized trials in patients with malignant gliomas</td>
<td>Roberto Jose Diaz, MD Neurosurgery, Montreal Neurological Institute and Hospital</td>
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<td>1:50 - 2:10</td>
<td>Surgery of malignant gliomas: the role of neurosurgery in extending patient’s survival and improving life quality</td>
<td>Kevin Petrecca, MD Neurosurgery, Montreal Neurological Institute and Hospital</td>
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<td>2:15 - 2:30</td>
<td>Computer vision methods for the analysis of tumor images</td>
<td>Peter Savadjiev, PhD Assistant Professor, Diagnostic Radiology, McGill University Associate Member, School of Computer Science, McGill University</td>
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<td>2:35 – 2:55</td>
<td>Break – final Poster session</td>
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<td>3:00</td>
<td>Introduction of Keynote speakers</td>
<td>(Donatella Tampieri and Maria Cortes)</td>
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<td>3:05 - 3:50</td>
<td>Imaging of gliomas: is the molecular profile and the WHO classification reflected by advanced imaging techniques?</td>
<td>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</td>
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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
(Jeanne Timmins foyer – Healing Garden)