Klinisches Neurozentrum

Research Day

5. September 2018, 14.00 – 18.00 Uhr
Monakow-Hörsaal, HAL A 34

14:00 Uhr Opening: Prof. Dr. med. Susanne Wegener (Dept. of Neurology)

Session 1 Moderator: Dr. med. Jorn Fierstra (Dept. of Neurosurgery)

**Neurooncology**

14:05-14:15 Targeting amplified EGFR in glioblastoma
Caroline von Achenbach (NOS)

14:15-14:25 Correcting for false negative fMRI activation in patients with cerebral glioma
Dr. med. Bas van Niftrik (NCH)

14:25-14:35 Texture analysis in gliomas
Dr. med. Nicolin Hainc (NRA)

14:35-14:45 Structured reporting in brain tumors
PD Dr. med. Andrea Bink (NRA)

**Neurovascular**

14:45-14:55 BOLD cerebrovascular reactivity as a novel clinical marker for diachisis
Dr. med. Martina Sebök (NCH)

14:55-15:05 Vessel wall imaging
PD Dr. med. Zsolt Kulcsár (NRA)

15:05-15:15 The impact of collaterals on reperfusion in stroke
Nadine Binder (NOS)

**Locomotion**

15:15-15:25 Comparison between gravitational and flow-regulated shunt valves in the treatment of normal pressure hydrocephalus (FLOW-GRAV study)
Pierre Scheffler (NCH)

15:25-15:35 Probing corticospinal control during different locomotor tasks using detailed time-frequency electromyography
Dr. sc. ETH Linard Fili (NOS)

15:35 – 16:15 Coffee break
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>16:15-16:25</td>
<td>High frequency oscillations in epilepsy surgery</td>
<td>Dr. rer. nat. Tommaso Fedele (NCH)</td>
<td>Acoustic cueing during slow-wave sleep as a measure to improve motor rehabilitation outcome in patients with ischemic stroke</td>
<td>NCH</td>
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<td>16:25-16:35</td>
<td>Interhemispheric inhibition after stroke</td>
<td>Dr. med. Marianne Schesny (NOS)</td>
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<td>NOS</td>
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<td>16:45-16:55</td>
<td>Parkinson &amp; deep brain stimulation</td>
<td>Philipp Krauss (NCH)</td>
<td>Clinical dual task fMRI in healthy and mild cognitive impairment (an outlook)</td>
<td>NCH</td>
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<td>16:55-17:05</td>
<td>Establishing chlorzoxazone as a novel infantile nystagmus syndrome treatment</td>
<td>Stefan Bögli (NOS)</td>
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<td>NOS</td>
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<td>17:15-17:25</td>
<td>How can we keep the brain bone-free? Ask microglia</td>
<td>Yvette Zarb (NCH)</td>
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<td>NCH</td>
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<td>17:25-17:35</td>
<td>Structured reporting in MS &amp; dementia</td>
<td>Dr. med. Anthony De Vere-Tyndall (NRA)</td>
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<td>NRA</td>
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<td>17:35-17:45</td>
<td>Autologous hematopoietic stem cell transplantation as treatment option in aggressive MS</td>
<td>Dr. med. Nikolai Pfender (NOS)</td>
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<td>NOS</td>
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**Dinner gemäss separatem Programm**

25.06.2018/WEGSU/sigsn