

**2pm: Opening: Lars Michels (NRA)**

**Session 1 Moderator: Sarah Hösli (NOS)**

**Epilepsy/Neurodegeneration and Sleep**

14.05-14.15: NOS Robert Terziev "Impact of antiseizure medications on brain structure"

14.15-14.25: NCH Karla Burelo "A spiking neural network model for detecting high frequency oscillations in the intraoperative ECoG"

14.25-14.35: NOS Ines Antunes dos Santos "Sleep Neurodegeneration"

14.35-14.45: NRA Lars Michels "Biomarkers of Brain Clearance during Sleep"

**Neurovascular**

14.45-14.55: NRA Tilman Schubert: "Update on carotid plaque imaging".

14.55-15.05: NOS Jeanne Droux: "Mechanisms of Neutrophil Stalling in stroke"

15.05-15.15: NCH Delal Bektas "Translational research in AVM hemorrhage"

15.15-15.25: NCH Menno Germans "Ultra-early tranexamic acid after subarachnoid haemorrhage (ULTRA): a randomised controlled trial"

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15.25-16.00 Coffee break  
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**Session 2 Moderator: Delal Bektas (NCH)**

**Interventions/Rehabilitation**

16.00-16.10: NRA Jawid Madjidyar "Endovascular treatment of intracranial atherosclerotic disease: our results".

16.10-16.20: NRA Jeanette Popovova "Investigating attention and visual brain processing through real-time fMRI neurofeedback intervention"

16.20-16.30: NCH Oliver Bichsel "A deep brain-computer interface to treat Parkinson's disease"

16.30-16.40: NOS Yesica Martínez: "The promising role of music in stroke rehabilitation"

**Neurooncology**

16.40-16.50: NCH Flavio Vasella "Precision genome editing in CNS tumors"

16.50-17.00: NRA Bertrand Pouymayou "Machine learning for automatic MR-data preprocessing in neuro-imaging"

17.00- 17.10: NOS Max Mastall "Status epilepticus and outcome in brain tumor patients)"

**Headache**

17.10-17.20: NOS Emma Eicher "Communication of Pain in Headache Patients (ComPAIN)"

17.20-17.30: NCH Markus Oertel "Transoral targeting of the Gasserian ganglion for facial pain?"

**Neuroimmunology/peripheral Neurology**

17.30-17.40: NOS Josefina Ruder "Immune reconstitution after autologous hematopoietic stem cell transplantation in MS "

17.40-17.50: NOS Lenka Sukenikova "autoreactive T-cells in GBS"

**Closing Remarks: Annika Keller (NCH)**