Symposium funded by the Oxford-McGill-ZNZ Partnership

Environmental Insult and the Brain: focus on Oligodendrocytes and Myelination

20th December 2018, 1-5 PM, UZH Main Building, Rämistrasse 71, Room KO2-F-152

1.00-1.10 pm  Welcome and Introduction    Ch. Pryce

1.10-1.40 pm  Unravelling psychiatric phenotypes in mice: the reduction of myelin basic protein
  Giulia Poggi, Friedrich Miescher Institute for Biomedical Research, Basel

1.40-2.10 pm  Structural and functional connectivity in mouse brain as indicators of pathology and
  therapy response
  Markus Rudin, Institute for Biomedical Engineering, University and ETH Zurich

2.10-2.40 pm  Single-cell transcriptome of the depressed brain
  Gustavo Turecki, Department of Psychiatry McGill University & The Douglas Hospital Research Centre, Montreal

2.40-3.10 pm  Child abuse, oligodendrocytes and myelination in the human brain
  Naguib Mechawar, Department of Psychiatry McGill University & The Douglas Hospital Research Centre, Montreal

3.10-3.30 pm  Refreshments

3.30-4.00 pm  Proteome biomarker analysis of cerebrospinal fluid in patients with depression
  Markus Otto & Rami Al-Shweiki, Institute of Neurology, University of Ulm

4.00-4.30 pm  Axon-giial interactions regulating white matter energy metabolism
  Aiman Saab, Institute of Pharmacology & Toxicology, University of Zurich

4.30-5.00 pm  Stress effects on brain energy metabolism and oligodendrocytes in mice
  Christopher Pryce, Department of Psychiatry, University of Zurich