

MEETING PROGRAM

Thursday, March 18, 2010

19:00 - 21:00 CNS Tumors

- G. Reifenberger (D) Role of MicroRNA alterations in gliomas
- T. Pietsch (D) Molecular pathways in medulloblastoma genesis
- U. Schüller (D) Mouse modeling of medulloblastoma genetics
- C. Mawrin (D) Controversial role of Frataxin in tumor cell redox signalling and proliferation

Friday, March 19, 2010

08:30 - 10:30 Stem Cells/Tumor Stem Cells

- E.C. Holland (USA) Stem-like cells and the perivascular niche
I. Radovanovic (CH) Non-molecular identification of glioma initiating cells
M. Suva (CH) EZH2 is essential for glioblastoma cancer stem cell maintenance
A. Merlo (CH) Induction of differentiation in GBM stem cells by blocking GSK3-beta
O. Brüstle (D) Pluripotent human stem cells as tools for disease modeling and neural repair

16:30 - 17:30 Neuromuscular Disorders

- M. Rüegg (CH) The role of mTOR signaling in the developing and adult mouse brain
M. Sinnreich (CH) Structural and molecular basis of muscular dystrophies

18:00 - 19:30 Prions & Neuroimmunology

- A. Aguzzi (CH) New developments in prion biology
B. Becher (CH) Orchestration of anti-tumor immunity by IL-12: A new cancer killer cell type!
C. Stadelmann (D) The relation between inflammation and remyelination in demyelinating CNS disease

20:30 - 22:00 Mitochondria & Neurodegeneration

- P. Bernardi (IT) Mitochondria as pharmacological targets in muscular dystrophies
L. Scorrano (CH/IT) Size matters! Mitochondrial elongation and protection from autophagy
D. Narendra (UK) PINK1 signals mitochondrial dysfunction to Parkin: implications for Parkinson's disease

Saturday, March 20, 2010

08:30 - 10:30 Neurodegeneration I

- D. Cleveland (USA) From SOD1 to TDP-43 to FUS/TLS: Mechanisms and therapies in ALS
M. Neumann (CH) Molecular neuropathology of TDP-43- and FUS-opathies
M. Staufenbiel (CH) Immunotherapeutical strategies in Alzheimer's disease
L. Buee (F) Modulation of Tau pathology in Tau transgenic mice: from physical exercise to immunotherapy

16:30 – 17:45 Short Communications

- K. Nowikovsky (A) *Drosophila* mutant of LETM1, a candidate gene for seizures in Wolf-Hirschhorn Syndrome
P. Ibsen (DK) Electrochemotherapy for Brain Tumors Investigated In Vivo
P. Liberski (POL) Both macro- and microautophagy contribute to widespread neuronal degeneration in hamsters infected with the Echigo-1 strain of Creutzfeldt-Jakob disease
B. Sikorska (POL) An autopsy case showing neuropathological features of Creutzfeldt-Jakob disease and Alzheimer's disease. Co-localization of beta-amyloid, tau and PrP^{Sc}.
J.M. Schröder (D) Severe lymphomatous infiltration of sural nerve in Sézary syndrome

18:00 - 19:30 Neurodegeneration II

- M. Jucker (D) The prion-like aspect of cerebral amyloidosis
M. Tolnay (CH) Prion-like properties of assembled tau
T. Revesz (UK) The enigma of pathology spread in Parkinson's disease

20:00 Social Dinner

Sunday, March 21, 2010

09:00 Individual departure