

Swiss Multiple Sclerosis Society: Supported Research Grants, 1st half 2014

	Applicant	Title
1	Fontana Adriano, Prof. Dr.	Mechanisms of TNFR1 dependent macrophage mediated sickness behaviour syndrome in the CD40 induced innate immune response
2	Hardmeier Martin, Dr.	Validation of multimodal evoked potentials (mmEP) for predicting disease progression in Multiple Sclerosis: Sub-study within the Swiss Multiple Sclerosis Cohort (SMSC)
3	Klopstein Armelle, PhD	Molecular mechanisms and cellular pathways involved in the migration of CD8+ T cell subsets across the BBB in vitro and in vivo
4	Lalive Patrice, PD Dr.	Role of hepatocyte growth factor (HGF) in CD8+ T cell-mediated demyelination
5	Lindberg Raija, Prof.	Characterization of B lymphocyte subpopulations in Natalizumab treated MS patients - From phenotype to function
6	Linnebank Michael, PD Dr.	A phase IIb double-blind, randomized, mono-center, placebo-controlled study with crossover design characterizing the effects of prolonged-release fampridine treatment on cognitive functioning in patients with multiple sclerosis using a battery of neuropsychological tests
7	Martin Roland, Prof. Dr.	HYDROXYTYROSOL – a natural phenol from olives as neuro-protective therapy of multiple sclerosis
8	Monticelli Silvia, Dr.	Role of miRNAs in the regulation of human T cell activation and in the development of EAE (experimental autoimmune encephalomyelitis)
9	Reith Walter, Prof. Dr.	Bttn2a2, a novel T-cell co-inhibitory molecule that is co-regulated with MHC class II genes and confers protection against CNS autoimmunity
10	Schaeren-Wiemers Nicole, Prof. Dr.	Characterization of Molecular Alterations in MS Spinal Cord Tissue
11	Yaldizli Özgür, Dr.	Balance during stance and gait: Clinical relevance for multiple sclerosis patients.

Swiss Multiple Sclerosis Society: Supported Research Grants, 2nd half 2014

	Applicant	Title
1	Bansi Jens Rehabilitationszentrum Valens	Endurance training modalities (immersion versus overland) in MS – Effects on growth factors BDNF, matrix-metalloproteases cardiorespiratory fitness and cognitive functions in persons with MS after three weeks randomized controlled trial
2	Becher Burkhard, Prof. University of Zürich	Elucidating molecular pathways in the pathogenesis of multiple sclerosis – Influences of genetic risk factors on T cell polarization and myeloid cell activation
3	Burger Danielle, PhD, PD, MER Hôpitaux Universitaires de Genève	Cytokine production by monocytes/macrophages in Multiple Sclerosis inflammatory processes
4	Derfuss Tobias, Prof. Universitätsspital Basel	Characterisation of cells present in cerebrospinal fluid of MS patients and controls using Time-of-Flight mass cytometry
5	Du Pasquier Renaud, Prof. Université de Lausanne	Interleukin-22 as neuroprotective factor in multiple sclerosis?
6	Engelhardt Britta, Prof. University of Bern	The role of brain barrier tight junctions in the pathogenesis of experimental autoimmune encephalomyelitis
7	Findling Oliver, Dr. Universitätsspital Basel	Central motor conduction and advanced MRI measures of the brain and cervical spinal cord in MS: how do they relate to each other and what is their value for predicting disease evolution.
8	Greter Melanie, PhD University of Zurich	Transgenic Manipulation of Microglia Signaling Cascades During EAE
9	Hugues Stéphanie, PhD Université de Genève	Dissecting plasmacytoid dendritic cell tolerogenicity during the development of EAE
10	Kamm Christian, Dr. Inselspital Bern	Reliability and validity of the Arm Function in Multiple Sclerosis Questionnaire (AMSQ) in German.
11	Kuhle Jens, PD Dr. Universitätsspital Basel	Towards quantifying axonal injury in blood samples from patients with Multiple sclerosis
12	Merkler Doron, Prof. Geneva University Hospital	Oligodendrocytes as regulators and targets of CNS inflammation
13	Van Heeswijk Ruud, PhD Centre Hospitalier Universitaire Vaudois	Quantitative imaging of inflammatory lesions in a mouse model of multiple sclerosis with fluorine-19 MRI