Swiss Multiple Sclerosis Society

Swiss Multiple Sclerosis Society: Supported Research Grants, 1. half 2013

	Applicant	Title
1	Prof. Dr. rer. Physiol. B. Engelhardt Dr. F. Sallusto Theodor Kocher Institute (TKI) University of Bern	Investigating the cellular and molecular mechanisms involved in the migration of human CD4+ effector/memory T cell subsets across novel human in vitro models of the blood-brain barrier and the blood-cerebrospinal fluid barrier
2	Dr. L. Filli Prof. E. Schwab Department of Neurology University Hospital Zurich	Effects of anti-Nogo-A-antibody treatment on CNS plasticity, repair and functional outcome in rats with targeted experimental autoimmune encephalomyelitis.
3	PD Dr. med. P. Lalive Department of Clinical Neuroscience Division of Neurology University Hospital of Geneva (HUG)	Beneficial effect of hepatocyte growth factor in a model of central nervous system demyelination and neurodegenerescence
4	Prof. R. Lindberg Department of Biomedicine Clinical Neuroimmunology Universtity Hospital Basel	Characterization of B lymphocyte subpopulations in Natalizumab treated MS patients. From phenotype to function
5	PD Dr. med. M. Linnebank Dr. med. B. Zörner Department of Neurology University Hospital Zurich	"Eine Investigator-initiierte offene, monozentrische, Folgestudie von FAMPKIN, die die Effekte einer Langzeitbehandlung mit Fampridin-Retard auf die Gehfunktion von Patienten mit Multipler Sklerose mit Hilfe einer detaillierten Ganganalyse und funktionsbezogenen klinischen Messwerten charakterisiert (FAMPKIN-EXT)“
6	Prof. B. Ludewig Dr. C. Gil-Cruz Institut für Immunbiologie Kantonsspital St. Gallen	Role CCR7-ligands in virus-induced chronic CNS inflammation and demyelination
7	B. Reinhart Department Neuroimmunology and MS Research University Hospital Zurich	Characterization of the T cell receptor repertoire in multiple sclerosis
8	W. Reith and S. Hugues Departement of Pathology and Immunolgy University Hospital of Geneva (HUG)	Role of MHC class II-mediated antigen presentation by plasmacytoid dendritic cells and non-hematopoietic cells in the development of EAE
9	Prof. T. Sprenger Department of Neurology Universtity Hospital Basel (HUG)	Cerebral Mechanisms of Motor Rehabilitation in Patients with Multiple Sclerosis
10	Dr. med. R. Verma Institut für Diagnostische und Interventionelle Neuroradiologie University of Bern	Dynamische Textur Parameter Analyse (DTPA) bei Multiple Sklerose (MS)– Ein neuer Ansatz in der MS Diagnostik

Swiss Multiple Sclerosis Society

Swiss Multiple Sclerosis Society: Supported Research Grants, 2nd half 2013

	Applicant	Title
1	Prof. Burkhard Becher University Irchel, Zurich Institute of Experimental Immunology	Investigating the mechanism of GM-CSF effector function in autoimmune inflammation – Generation of a cell type and time-specific overexpressing transgenic mouse
2	PD Danielle Burger University Hospital of Geneva (HUG) Hans Wilsdorf Laboratory	Cytokine production by monocytes/macrophages in multiple sclerosis inflammatory processes
3	Dr. Claudio Gobbi Ospedale Regionale di Lugano	Brain Default Mode and Attention Network MR Functional Connectivity Changes After Task-induced Precipitation of Cognitive Fatigue in Patients with Multiple Sclerosis
4	PhD Ivan Jelcic£ University Hospital Zurich Department Neuroimmunology and MS Research	Homeostatic T cell proliferation in multiple sclerosis and its functional involvement in disease pathogenesis
5	Dr. Ruth Lyck Theodor Kocher Institut (TKI) University of Bern	Detailed in vitro analysis of the molecular and cellular pathway of T cell extravasation across the highly specialized BBB endothelium
6	Prof. Doron Merkler University Hospital of Geneva (HUG) Division of Clinical Pathology	Oligodendrocytes as regulators and targets of CNS inflammation
7	Dr. Caroline Pot Kreis University Hospital of Geneva (HUG) Unité de Neuroimmunologie et SEP	Oxysterols controls T cell migration during Experimental Autoimmune Encephalomyelitis
8	Dr. Regina Schläger Universtity Hospital Basel Neurology Departement	Quantitative MR Metrics as Predictors of Grey Matter Atrophy in MS
9	Dr. Tobias Suter University Hospital Zurich Section of Clinical Immunology	The role of TNF in controlling spontaneous development of autoimmune neuroinflammation