

Swiss Multiple Sclerosis Society: Supported Research Grants, 1. half 2012

	Applicant	Title
1	Burger Danielle Hans Wilsdorf Laboratory, HUG 4, rueGabrielle perret-Gentil CH-1211 Genève 14	Cytokine production by monocytes/macrophages in multiple sclerosis inflammatory processes
2	Prof. Dr. Britta Engelhardt Theodor Kocher Institute (TKI) University of Bern, Freiestr. 1 CH-3012 Bern	In vivo analysics of the multistep-recruitment of T cells and monocytes across the blood-brain barrier: molecular cues beyond α 4-integrins and anatomical routes
3	Fraefel Cornel, Prof. Dr. Institute of Virology University of Zurich Winterthurerstr. 266a 8057 Zürich	Viral vector-mediated transcriptional targeting of dendritic cells for antigen-specific tolerance induction in MS
4	Granziera Cristina, Dr. Departementde Neurosciences Cliniques-CHUV, Lausanne	Advanced Techniques to investigate the physiopathology of Multiple Sclerosis using high and ultra-high filed MRI
5	Groettrup Marcus Prof Dr. Biotechnologie Institut Thurgau an der Universität Konstanz Unterseestrasse 47 CH-8280 Kreuzlingen	Inhibitors of the immunoproteasome for the treatment of multiple sclerosis in pre-clinical models" (second year)
6	Lalive Patrice, PD, Dr. Geneva University Hospital Department of Clinical Neurosciences Division of Neurology 4 Rue Gabrielle-Perret-Gentil 1211 Geneva / Switzerland	Immunomodulatory effects of hepatocyte growth factor in central nervous system autoimmunity
7	Lindberg Raija, Prof. Department of Biomedicine and NeurologyClinical Neuroimmunology Laboratory University Hospital Basel Hebelstrasse 20 CH-4031 Basel, Switzerland	The role of micro particles for microRNA expression in circulation in MS patients - indicators for disease activity and progression
8	Lünemann Jan, Prof. Dr. Institute of Experimental Immunology Department of Neuroinflammation University of Zurich Winterthurerstrasse 190 CH-8057 Zürich	Monitoring the adaptive immune repertoire during fingolimod therapy

9	Merixell Garcia Alzamora, Dr. Department of Neuroradiology University Hospital Basel Petersgraben 4 4031 Basel	Advanced MR techniques (Quantitative Magnetization Transfer and Diffusion Tensor Imaging) for increased image sensitivity in Multiple Sclerosis
10	Reith Walter, Prof. Dr. Department of Pathology and Immunology University of Geneva Medical School CMU, 1 rue Michel-Servet CH-1211 Geneva 4	Role of MHC class II-mediated antigen presentation by plasmacytoid dendritic cells in conferring protection against autoimmune inflammation of the central nervous system
11	Schaeren-Wiemers, Nicole Neurobiology Department of Biomedicine, University Hospital Basel Zentrum für Lehre und Forschung Hebelstrasse 20 CH-4031 Basel	Temporal and spatial expression of factors involved in oligodendrogenesis and astrogenesis might be decisive for remyelination in MS
12	Suter Tobias Dr. Universitätsspital Zürich Departement Innere Medizin Klinik für Immunologie Haeldeliweg 4 CH-8044 Zürich	Role of Antigen-Presenting Cells in the Central Nervous System: Development of tools to study the role of microglia in neurodegenerative conditions
13	Thome-Miazza Margot, Dr. Département de Biochimie Université de Lausanne Chemin des Boveresses 155 CH-1066 Epalinges	Role of the protease MALT1 in the development of multiple sclerosis: does MALT1 inhibition delay disease progression?

Swiss Multiple Sclerosis Society: Supported Research Grants, 2nd half 2012

	Applicant	Title
1	Prof. Burkhard Becher, PhD University Irchel, Zurich Institute of Experimental Immunology Y44-J92 (Office), J38/42/94 (Lab) Winterthurerstrasse 190 CH-8057 Zurich	The role of innate lymphoid cells (ILCs) in autoimmune CNS inflammation
2	Dr. Laura Codarri Institute of Experimental Immunology University of Zurich Winterthurerstrasse 190 CH-8057 Zurich	Impact of genetic polymorphisms on the production of the encephalitogenic cytokine GM-CSF in MS
3	Prof. Andrea Huwiler Institute of Pharmacology University of Bern Friedbühlstrasse 49 CH-3010 Bern	Functional contribution of sphingosine kinases 1 and 2 to the development of experimental autoantigen-induced encephalomyelitis (EAE) and to fingolimod treatment
4	Dr. Ruth Lyck Theodor Kocher Institut (TKI) Universität Bern Freiestr. 1 CH-3012 Bern	Detailed in vitro analysis of the molecular and cellular pathway of T cell extravasation across the highly specialized BBB endothelium
5	Dr. Matthias Mehling Neurology Department University Hospital Basel Petersgraben 4 CH-4031 Basel	Characterization of the molecular basis regulating chemotaxis of human T cell subsets by utilization of microfluidic techniques
6	Nicolas Molnarfi, PhD University Hospital of Geneva (HUG) Department of Clinical Neurosciences Division of Neurology MS Research Group Rue Gabrielle Perret-Gentil 4 CH-1211 Geneva 14	Role of B-cell CD22 expression in central nervous system autoimmunity
7	PD Dr. Iris Penner Universität Basel Missionsstrasse 60/62 CH-4055 Basel	Cognitive training in juvenile MS and its influence on cognitive profile and psychosocial aspects (fatigue, depression, quality of life)

9	Ivana Tosevski, PhD Dept. Neuroimmunology and MS Research Neurology Clinic University Hospital Zurich	Tolerance mechanismus in MS patients treated with peptide-coupled, fixed peripheral blood mononuclear cells
10	Nanco van der Maas Specialized group Physiotherapy in MS Physioswiss c/o Institut für Physiotherapieforschung Lindenweg 48 CH-2503 Biel	Study to evaluate the Responsivity and Minimal Clinical Important Difference of the MS Questionnaire for Physiotherapists (MSQPT®)
11	Dr. Arno Zormann, M.Sc. Psychiatric University Hospital Basel Wilhelm-Klein-Strasse 27 CH-4012 Basel	Psychotherapeutische Versorgung von stationären Multiple Sklerose-Patienten in Neurorehabilitationskliniken in Österreich, Deutschland und der Schweiz