

Forschungsgesuche an die Schweiz. MS-Gesellschaft, 1. Tranche 2010

	Applicant	Title
1	Dr. Danielle Burger Hans Wilsdorf Laboratory, IARG Division of Immunology and Allergy University Hospital 4, rue Gabrielle Perret-Gentil CH-1211 Geneva 14	Cytokine production by monocytes/macrophages in Multiple Sclerosis inflammatory processes
2	Prof. Dr. Britta Engelhardt Theodor Kocher Institute (TKI) University of Bern Freiestrasse 1 CH-3012 Bern	In vivo analysis of the multistep-recruitment of different leukocyte subpopulations across the blood-brain barrier: molecular cues beyond alpha4-integrins and anatomical routes
3	Prof. Dr. med. A. Fontana Universitätsspital Zürich Dept. Innere Medizin Klinik für Immunologie Haldeliweg 4 CH-8044 Zürich	Fatigue in multiple sclerosis: cytokine induces dysregulation of clock genes. Part III
4	Prof. Dr. A. Gass Depts. of Neurology and Neuroradiology Universitätsspital Basel Petersgraben 4 CH-4031 Basel	Spinal Cord MRI in MS subgroups - A 6 Year Follow-up Study
5	Dr. Paul Grossman Division of Psychosomatic Medicine Department of Internal Medicine University Hospital Basel Hebelstrasse 2 CH-4031 Basel	Long-term Benefits of Mindfulness Intervention upon Well-Being of MS Patients and a Randomized Study of Effects of a Supplemental 6-Month Program
6	Bertrand Huard Patho-Immunology Department Geneva University Medical Center 1, rue Michel-Servet CH-1211 Geneva 4	The plasma-cell survival factor APRIL in multiple sclerosis lesions
7	Dr. Lorenz Imhof, PhD, RN Leiter Forschung Entwicklung und Pflege Technikumstrasse 71 Postfach CH-8401 Winterthur	Mobilitätsfördernde Pflegeintervention
8	Nicole Joller Center for Neurologic Diseases Brigham and Women's Hospital Harvard Medical School 77 Avenue Louis Pasteur, HIM 780 Boston, MA 02115-5817, USA	The Role of a Novel Costimulatory Pathway in Regulating T Cell Responses in Multiple Sclerosis
9	Dr Patrice Lalive, PD Chef de Clinique Neurologie Hôpitaux Universitaires de Genève (HUG) Rue Micheli-du-Crest 24 1211 Genève 14	Dual task-related gait changes as a marker of multiple sclerosis handicap and prognosis
10	Dr. Raija Lindberg Pharmazentrum Clin. Neuroimmunology Dept. of Biomedicine and Neurology University Hospital Basel Klingelbergstrasse 50 CH-4056 Basel	Expression of microRNAs in immune cells of Multiple Sclerosis patients

11	Dr. Jan Lünemann Research Group Leader Institute of Experimental Immunology Division of Clinical Immunology University Hospital Zurich Building Y44, Room J07 Winterthurer Strasse 190 CH-8057 Zurich	Small RNA Profiling of Multiple Sclerosis Brain Lesions
12	Lucia Mori, PhD Experimental Immunology Dept. of Biomedicine University Hospital Basel Hebelstrasse 20 CH-4031 Switzerland	A novel experimental model with human CD1-transgenic mice to study glycolipid-specific immune response in MS
13	Prof. Walter Reith Office 6108/B Department of Pathology and Immunology University of Geneva Medical School CMU, 1 rue Michel-Servet CH-1211 Geneva 4 Switzerland	Role of MHC class II-mediated antigen presentation by plasmacytoid dendritic cells in conferring protection against autoimmune inflammation of the central nervous system
14	Prof. Nicole Schaeren-Wiemers Neurobiologie Department Forschung Universitätsspital Basel Pharmazentrum 7007 Klingelbergstrasse 50-70 CH-4056 Basel	Differential gene expression analysis of early MS cases
15	Tobias Suter Section of Clinical Immunology University Hospital Zurich Haldeliweg 4 CH-8044 Zürich	Role of Antigen-Presenting Cells and GM-CSF in the Central Nervous System during Experimental Autoimmune Encephalomyelitis
16	PD Dr. Florianne Tschudi-Monnet Institute of Physiology University of Lausanne 7, rue du Bugnon CH-1005 Lausanne	Remyelination promoted by minocycline after IFN-gamma + LPS-induced demyelination in aggregating brain cell cultures

Forschungsgesuche an die Schweiz. MS-Gesellschaft, 2. Tranche 2010

	Applicant	Title
1	Prof. Dr. Burkhard Becher University of Zurich University Hospital Div. Of Neuroimmunology Y44-J7 (Office), J38/42, (Lab) Winterthurer Str. 190 CH-8057 Zürich	The role of GM-CSF in neuroinflammation
2	Clinical Neuroimmunology Department of Biomedicine and Department of Neurology University Hospital Petersgraben 4 CH-4031 Basel	Characterization of lymphocyte subsets in patients with multiple sclerosis treated with oral fingolimod
3	Renaud Du Pasquier, M.D. Assistant professor in Neurology and Immunology Médecin associé (attending) CHUV BH-10 46 rue du Bugnon 1011 Lausanne	La cytokine IL-26: une intervenante méconnue dans la mécanique complexe de la sclérose en plaques
4	Prof. Cornel Fraefel University of Zurich University Hospital Inst. Of Virology, Exp. Virology Winterthurer Str. 266a CH-8057 Zürich	Viral Vector-Mediated Transcriptional Targeting of Dendritic Cells for Antigen-Specific Tolerance Induction in Multiple Sclerosis
5	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 autoantigeninduced encephalomyelitis (EAE) and to fingolimod treatment.
6	Linda Kadi PhD Service and central laboratory of Hematology, CHUV Rue du Bugnon 46 CH-1011 Lausanne	Protective or Detrimental Role of Gas6/ProS and TAM receptors in Neuroinflammation induced Neurodegeneration?
7	Dr. Ruth Lyck Theodor Kocher Institut Universität Bern Freiestrasse 1 CH-3012 Bern	Detailed in vitro analysis of the molecular and cellular pathway of T cell extravasation across the highly specialized BBB endothelium
8	Dr. Marie-Laure Santiago-Raber, Dept. of Pathology and Immunology Centre Médical Universitaire 1, rue Michel-Servet 1211 Geneva 4, Switzerland	Study of Toll-like receptor-7 (TLR7) in murine model of Multiple Sclerosis
9	Dr. Margot Thome-Miazza, Associate Professor Department of Biochemistry University of 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?