### Swiss Multiple Sclerosis Society
Research Grants 2018

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Project Title</th>
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</table>
| **1** Allali, Gilles  
Department of Clinical Neurosciences, Geneva University Hospitals | Disability assessment in multiple sclerosis: the interest of the Timed up and go |
| **2** Becher, Burkhard  
Institute of Experimental Immunology  
University Zurich | The role of tissue-invading phagocytes in the immunopathology of neuroinflammatory disease |
| **3** Décard, Bernhard  
Neurologic Clinic and Policlinic, University Hospital Basel | Risk stratification for respiratory tract infections in a cohort of multiple sclerosis patients (RIMS-Study). |
| **4** Du Pasquier, Renaud  
Service de Neurologie  
CHUV Lausanne | Impact of the cerebrospinal fluid of MS patients on the reactive profile of human induced pluripotent stem cells-derived astrocytes during disease progression |
| **5** Locatelli, Giuseppe  
Theodor Kocher Institute, University Bern | Mechanisms of macrophage invasion and role of IGF-1 in myeloid inflammation in a MS animal model |
| **6** Münz, Christian  
Institute of Experimental Immunology  
University Zurich | The main genetic risk factor alters the immune response to the main environmental risk factor of multiple sclerosis (MS) |
| **7** Pot, Caroline  
Service de Neurologie  
CHUV Lausanne | A novel digital approach to evaluate the impact of dietary factors and circadian rhythms in Multiple Sclerosis |
| **8** Sanderson, Nicholas  
Department of Biomedicine  
University Basel | The significance of IgM in CSF of patients with multiple sclerosis |
| **9** Schippling, Sven  
Neuroimmunology and MS Research, University Hospital Zurich | Repetitive, transorbital alternating current stimulation (rtACS) in acute optic neuritis: A pilot study to test safety, tolerability and preliminary efficacy (Phase I/IIa study) |
Zecca, Chiara  
Ospedale Regionale di Lugano  
A prospective, single arm, interventional, self-controlled pilot study to assess the performance and safety of the new generation, wireless, MR compatible, implantable tibial nerve stimulator system for the treatment of refractory lower urinary tract symptoms in patients with multiple sclerosis (MS)

### «Quality of Life» Projects

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<tr>
<td>1 Bansi, Jens</td>
<td>TRAINUVIMAB - Influence of different rehabilitative aerobic exercise programs on (anti-) inflammatory immune signalling, cognitive performance and processing skills in persons with MS – A randomized controlled trial</td>
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<td>2 Magon, Stefano</td>
<td>Cognitive fatigue and fatigability in multiple sclerosis: brain mechanisms and biomarkers.</td>
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<tr>
<td>3 Petry, Heidi</td>
<td>Multiple Sclerosis Nurse Consultation Services (MS-NuC) – A Comprehensive Multi-Method Evaluation</td>
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