List of IRP Research Grants funded in 2019

### BASIC RESEARCH

1. **Grégoire Courtine**, Campus Biotech/EPFL, Switzerland  
   Harnessing spinal electrical stimulation to modulate and rehabilitate autonomic function after SCI  
   CHF 150'000.- over 2018/2019

2. **Claire Jacob**, University of Fribourg, Switzerland  
   Enhance remyelination in young and old adults by modulating chromatin-remodelling enzyme expression and activity  
   CHF 150'000.- over 2018/2019

3. **Florence Bareyre**, Institute of Clinical Neuroimmunology, Munich, Germany  
   Improving functional recovery following SCI using neuronal activity and rehabilitation  
   CHF 150'000.- over 2019/2020

4. **Jean-René Cazalets**, University of Bordeaux, France  
   The intraspinal cholinergic system: a potential target to regulate vascular tone in SCI subjects  
   CHF 140'000.- over 2019/2020

5. **Mike Fainzilber**, Weizmann Institute of Science, Rehovot, Israel  
   Local translation in central versus peripheral axons  
   CHF 150'000.- over 2019/2020

6. **Lukas Neukomm**, University of Lausanne, Switzerland  
   Proteolytic machinery executing axon degeneration  
   CHF 150'000.- over 2019/2020

7. **Aya Takeoka**, Neuroelectronics Research Flanders (NERF), Louvain, Belgium  
   Revealing age-dependent locomotor circuit plasticity after SCI  
   CHF 150'000.- over 2019/2020

### CLINICAL RESEARCH

8. **Johann Jende**, Heidelberg University Hospital, Germany  
   Characterization and quantification of structural changes in the peripheral nervous system following SCI  
   CHF 150'000.- over 2019/2020

9. **Antonio Oliviero**, Hospital Nacional de Parapléjicos, Toledo, Spain  
   Effects of a CB1 antagonist/inverse agonist (Rimonabant) on walking abilities and endurance in incomplete traumatic SCI: a proof of principle study  
   CHF 150'000.- over 2019/2020

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**IRP POSTDOCTORAL FELLOWSHIP**

No IRP Postdoctoral Fellowship has been selected for 2019.