**List of research projects funded in 2018**

**IRP RESEARCH GRANTS**

### Fundamental Research

1. **Tuan Bui**, University of Ottawa, Canada  
   Targetting dl3 interneurons for the recovery of lost locomotor function following SCI  
   CHF 150'000.- over 2017/2018

2. **James Fawcett**, Cambridge University Centre for Brain Repair, United Kingdom  
   Reconstruction of the SC sensory pathway  
   CHF 150'000.- over 2017/2018

3. **Aya Takeoka**, Neuroelectronics Research Flanders (NERF), VIB, Belgium  
   Revealing age-dependent locomotor circuit plasticity after SCI  
   CHF 150'000.- over 2017/2018

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

5. **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

### Clinical Research

6. **Patrick Freund**, Balgrist University Hospital, Switzerland  
   MRI investigation of trauma induced structural spinal changes: a longitudinal prospective study  
   CHF 87’000.- over 2017/2018

7. **John Kramer**, ICORD, Canada  
   High throughput of clinical trial data: how commonly used drugs affect neurological outcomes  
   CHF 106’000.- over 2017/2018

8. **Carolin Weiss Lucas**, University Hospital Cologne, Germany  
   Focused non-invasive modulation of motor network changes to improve spasticity in SCI  
   CHF 80’000.- over 2017/2018

**IRP POSTDOCTORAL FELLOWSHIP**

No IRP Postdoctoral Fellowship has been selected for 2018.

**IRP SCHELLENBERG RESEARCH PRIZE 2018**

Awarded by the IRP Scientific Committee to  
**Prof. Claire Jacob**, University of Fribourg, Switzerland  
**Prof. Magdalena Götz**, Helmholtz Zentrum München, Germany  
CHF 100’000.- to be shared by the two professors.