

Joint Scientific Committee IFP Zurich / IRP Geneva Meeting 26 January 2010

11 New grants out of 27 applications

Nr.	Surname	First name	Place	Country		Amount CHF	Duration years	Classifi- cation		
1	Bradke	Frank	Martinsried	Germany	Dr.	150'000	2	BR	s	
3-d imaging of the entire injured adult spinal cord to assess axon regeneration and glial reaction										
2	Chrast	Roman	Lausanne	Switzerland	Dr.	90'000	1	BR	s	
Generation of genetically engineered Schwann cells with an extended inducible immature phenotype as a trophic support for axonal growth in an in vitro model of spinal cord injury										
3	Costigan	Michael	Boston	USA	Dr.	150'000	2	BR	s	
Determining neuronal intrinsic growth pathways										
4	Courtine	Grégoire	Zürich	Switzerland	Prof.	150'000	2	BR	p	
Characterizing neuronal modulation patterns underlying locomotion in healthy and SCI rats										
5	Fainzilber	Mike	Rehovot	Israel	Prof.	150'000	2	BR	s	
Importin-beta1 Control of Retrograde Injury Signaling										
6	Huber	Andrea B.	Neuherberg	Germany	Dr.	45'000	1	BR	p	
Molecular Mechanisms of Adaptive Plasticity in the Mammalian Spinal Cord: Electrophysiological Analyses										
7	Lingor	Paul	Göttingen	Germany	Dr.	90'000	2	BR	s	
Role of autophagy in acute axonal degeneration and axon stability after spinal cord injury										
8	Moxon	Karen	Philadelphia	USA	Dr.	150'000	2	BR	p	
Neurobotic Control for restoration of lower-limb function in a rat model of complete spinal cord transection										
9	Perreault	Marie-Claude	Oslo	Norway	Dr.	150'000	2 to 3	BR	p	
Mapping of functional synaptic connections between brainstem and spinal neurons with novel optical technologies										
10	Tews	Björn	Zürich	Switzerland	Dr.	75'000	1	BR/ CR	s	
Generation of a conditional Nogo-A (RTN4) knock out mouse model in cooperation with Taconic Artemis										
11	Twiss	Jeffery	Philadelphia	USA	Prof.	130'000	2	BR	s	
Integration of injury response through axonal mRNA transport										
Total						1'330'000				
Ongoing project										
P66	Curt	Armin	Zürich	Switzerland	Prof.	199'000	2	CR	p	
em-sci, European Multi Center Spinal Cord Injury study started in 2001										
Grand total 2010 CHF						1'529'000				

BR = basic research

p = physiology and pharmacology

s = stem cells, biochemistry, regeneration, spinal cord