

Program

“3rd Mickeln Symposium on Neurodegeneration and CNS Repair“

May 20-22, 2005

Schloss Mickeln, Althimmelgeist Düsseldorf, Germany

Friday, May 20

12.00 - 14.00	Registration and snacks
14.00 - 14.10	Introductory remarks (H.W. Müller)
14.10 - 16.10	Neurodegeneration and neuroprotection
14.10-14.50	<i>J. Weishaupt/M. Bähr (Göttingen)</i> CDK5 and neurodegeneration
14.50-15.30	<i>R. Heumann (Bochum)</i> Neuronal activation of Ras in protection and plasticity
15.30-16.10	<i>M. Sendtner (Würzburg)</i> Role of β -actin mRNA transport for axonal growth and maintenance in motoneurons
16.10 - 16.30	Coffee break
16.30 - 19.10	Regulation of axon growth
16.30-17.10	<i>C. Stürmer (Konstanz)</i> No Nogo-A in fishes
17.10-17.50	<i>S. Isenmann (Jena)</i> Axonal regeneration in the CNS: Promotion by Bcl-XL and erythropoietin
17.50-18.30	<i>T. Herdegen (Kiel)</i> c-Jun N-terminale kinases as mediators of neuritogenesis
18.30-19.10	<i>H.-D. Hofmann/M. Kirsch (Freiburg)</i> gp130-associated cytokines as regulators of lesion-induced astrocyte activation.
19.15 - 20.15	Dinner
20.15 - 21.00	Evening lecture: <i>J. Raper (Philadelphia)</i> Repellents and modulators in axon guidance and synapse formation
21.00	After-lecture get-together with wine and beer

Saturday, May 21

- 08.30 - 10.30 Expression profiling in neural injury and repair
- 08.30-09.10 *F. Stam (Amsterdam)*
Early growth-associated gene expression changes in injured dorsal root ganglion neurons: a time-course study
- 09.10-09.50 *F. Bosse/P. Küry (Düsseldorf)*
Axotomy-induced neuronal gene expression in mammalian PNS and CNS
- 09.50-10.30 *S. Thanos (Münster)*
Proteomic und genomic analysis of the regenerating retina
- 10.30 - 10.50 Coffee break
- 10.50 - 12.50 Role of extracellular matrix
- 10.50-11.30 *J. Fawcett (Cambridge, UK)*
Intrinsic and extrinsic determinants of regeneration and plasticity
- 11.30-12.10 *A. Faissner (Bochum)*
The F1C3-glycoproteins of the collagen gene family and neural chondroitinsulfate proteoglycans (DSD-1-PG/ phosphacan, PSI) – components of inhibitory extracellular matrix
- 12.10-12.50 *C. Haas/M. Frotscher (Freiburg)*
Influence of the extracellular matrix on structural reorganization after CNS injury.
- 13.00 - 14.30 Lunch and short walk to the banks of river Rhine
- 14.30 - 15.50 Modulation of inhibitory mechanisms
- 14.30-15.10 *N. Klapka/H.W. Müller (Düsseldorf)*
Suppression of fibrous scarring promotes long-distance axon regeneration, neuronal protection and functional recovery in spinal cord injury
- 15.10-15.50 *S. Davies (Houston)*
Suppression of axon growth inhibitory scar formation after adult spinal cord injury
- 15.50 -16.30 *W. Tetzlaff (Vancouver)*
Combinatorial treatment strategies to promote axonal regeneration after acute and chronic spinal cord injury
- 16.30 - 16.50 Coffee break
- 16.50-17.30 *A. Püschel (Münster)*
Regulation of axon specification and elongation by GTPases

17.30 - 19.00	Neuronal plasticity and re-connectivity after injury
17.30-18.10	<i>A. Curt (Zurich)</i> Neuronal plasticity: the basic mechanism in recovery of incomplete spinal cord injury
18.10-19.00	Special lecture: <i>R. Edgerton (Los Angeles)</i> Establishing re-connectivity between the brain and spinal cord: How specific does it have to be?
19.00 - 19.30	Final discussion and closing remarks (M. Bähr and H.W. Müller)
19.30 - 20.45	Dinner
20.45	After-dinner music special in the Blue Saloon with 9Q: <i>Mike Svoboda – trombone</i> <i>Helmut Müller – saxophones</i> <i>Fried Dähn – electric cello</i>

Sunday, May 22

Departure after breakfast