



School of Medicine
University of Zagreb



Croatian Institute for
Brain Research



Croatian Microscopy Society

UKF Project Final Workshop:
Mechanisms of regeneration and repair
in neurological disorders

**UNITY THROUGH
KNOWLEDGE FUND**

Zagreb, December 17, 2010

University of Zagreb, School of Medicine
Croatian institute for Brain Research
Seminar room, Ground floor

8:00-8:30 Registration

8:30-8:45 Opening of the workshop

Between neuronal loss and repair: view from Amyotrophic Lateral Sclerosis

8:45-9:15

Jean-Pierre Julien (Quebec, Canada):

New transgenic mouse models of ALS based on TDP-43 overexpression

9:15-9:45

Roland Pochet (Brussels, Belgium):

Calcium signaling and ALS

9-45-10:00

Dinko Mitrečić:

Stem cells in treatment of ALS

10:00-10:15 Break

Origins and consequences of brain injury

10:15-10:45

Jasna Križ (Quebec, Canada):

Model systems for live imaging of brain responses to injury

10:45-11:00

Dunja Gorup:

Synaptogenesis, axonal sprouting and functional recovery after MCAO in mouse

11:00-11:15

Goran Šimić

Pathogenesis of Alzheimer's disease

Molecular basis of brain function

11:15-11:30

Srećko Gajović:

Signal transduction adaptor molecule 2, from mouse model to analysis of expression and function in the mouse

11:30-11:45

Marina Dobrivojević:

Stam2 in the mouse brain

11:45-12:00

Svjetlana Kalanj Bognar:

Role of membrane lipids in neurodegeneration

12:00 Closing of the Workshop

12:00 Day of School of Medicine Celebration (Sercer's Auditorium, Main Building)

Organized through UKF Grant No. 35/08 - Regeneration and plasticity after ischemic brain damage studied on innovative transgenic mouse models