

**NEUROTRAIN**  
**Neuroscience Training in Europe**  
Autumn School

Dubrovnik, Croatia, October 19 - 24, 2007  
Center for Advanced Academic Studies (CAAS)  
of the University of Zagreb at Dubrovnik

**Neuron-glia interactions in health and disease**

Scientific Coordinators:  
**Dionysia T. Theodosis** (France) and **Christian Steinhäuser** (Germany)

**Scientific Program Schedule**

***Friday, October 19 2007***

9.00 – 17.00	Arrival, registration and settling in
17.00 – 18.00	Mounting of posters (remain up for duration of the school)
18.00 – 19.00	Opening of school, welcome and introductory remarks (Dionysia Theodosis, Christian Steinhäuser)
19.00 – 20.00	Opening Lecture: History of glia ( <b>Helmut Kettenmann</b> , Germany)
20.00-	Get-together reception

**Saturday, October 20 2007**

**Intrinsic functions of glial cells**

9.00 – 10.00	Exocytotic release of neuroactive substances from glia ( <b>Jacopo Meldolesi</b> , Italy)
10.00 – 10.30	Discussion
10.30 – 11.00	Break
11.00 – 12.00	Calcium signaling in glial cells ( <b>Jochen Deitmer</b> , Germany)
12.00 – 12.30	Discussion
13.00 – 14.00	Lunch
14.00 – 15.00	Mechanisms underlying glutamate release from astrocytes ( <b>Vlad Parpura</b> , USA)
15.00 – 15.30	Discussion
15.30 – 16.30	Glial motility and plasticity ( <b>Frank Kirchhoff</b> , Germany)
16.30 – 17.00	Discussion
17.00 – 17.30	Break
17.30 – 18.30	4 short communications + discussions
18.30 – 20.00	Poster session

**Sunday, October 21 2007**

**Neuron – glia signaling in the normal brain**

9.00 – 10.00	Glial neurotransmitter uptake and regulation of neuronal excitability ( <b>Niels Christian Danbolt</b> , Norway)
10.00 – 10.30	Discussion
10.30 – 11.00	Break
11.30 – 12.30	Astrocyte networks and neuron-glia interactions ( <b>Christian Giaume</b> , France)
12.30 – 13.00	Discussion
13.00 – 14.00	Lunch
14.00 – 15.00	Dynamic regulation of synaptic transmission and plasticity by glial cells ( <b>Richard Robitaille</b> , Canada)
15.00 – 15.30	Discussion
15.30 – 16.30	Functional consequences of astrocytic plasticity ( <b>Stéphane Oliet</b> , France)
16.30 – 17.00	Discussion
17.00 – 17.30	Break
17.30 – 18.30	4 short communications + discussions
18.30 - 20.00	Poster session

**Monday, October 22 2007**

**Glial regulation of brain metabolism and neurogenesis**

8.00 – 9.00	Metabolic neuron-glia cooperation in neural energy metabolism ( <b>Bernd Hamprecht</b> , Germany)
9.00 – 9.30	Discussion
9.30 – 10.30	Signalling from glia to blood vessels and the regulation of blood flow ( <b>Eric Newman</b> , USA)
10.30 – 11.00	Discussion
11.00 – 11.30	Break
11.30 – 12.30	Role of glial cells in neurogenesis ( <b>Stephen Noctor</b> , USA)
12.30 – 13.00	Discussion
13.00 –	Lunch and free afternoon for Dubrovnik sight-seeing

***Tuesday, October 23 2007***

**Glial cells in the diseased nervous system**

9.00 – 10.00	Immune-glia interactions in central nervous system injury and disease ( <b>Trevor Owens</b> , Denmark)
10.00 – 10.30	Discussion
10.30 – 11.00:	Break
11.00 – 12.00:	Interactions between systemic inflammation and brain inflammation: contribution of microglia ( <b>Hugh Perry</b> , UK)
12.00 – 12.30	Discussion
13.00 – 14.00	Lunch
14.00 – 15.00	Neuroglia interactions in epileptogenesis: insights from animal and human studies ( <b>Annamaria Vezzani</b> , Italy)
15.00 – 15.30	Discussion
15.30 – 16.00	Grafts of myalinating cells for repair of CNS and PNS lesions ( <b>Rebecca Matsas</b> , Greece)
16.30 – 17.00	Discussion
17.00 – 17.30	Break
17.30 – 18.30	4 short communications + discussion
18.30 - 20.00:	Poster session
20:00 -	Closing, farewell

***Wednesday, October 24 2007***

Participants depart