

HRVATSKA AKADEMIJA ZNANOSTI I UMJETNOSTI

Zavod za kliničku i transplantacijsku imunologiju i molekularnu medicinu u Rijeci

SVEUČILIŠTE U RIJECI

Odjel za biotehnologiju

3. Simpozij / 3rd Symposium

**TEMELJNA I TRANSLACIJSKA NEUROKEMIJA:
GLIA I NEURONI U ZDRAVLJU I BOLESTI**

**BASIC AND TRANSLATIONAL NEUROCHEMISTRY:
GLIA AND NEURONS IN HEALTH AND DISEASE**



7. srpnja 2014. / July 7, 2014

u 9 sati / 9:00 am

Sveučilišni kampus, Sveučilišni Odjeli, dvorana O-030, Radmile Matejčić 2, Rijeka

Organizatori:

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imunologiju i molekularnu medicinu u
Rijeci

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Organized by:

CROATIAN ACADEMY OF
SCIENCES AND ARTS

Department of Clinical and
Transplantation Immunology and
Molecular Medicine in Rijeka

UNIVERSITY OF RIJEKA

Department of Biotechnology

Organizatori / Organizers

Vedrana Montana i / and Vladimir Parpura

Odjel za biotehnologiju / Department of Biotechnology

Savjetodavni odbor / Advisory board

Daniel Rukavina, predsjednik / Chairperson

Igor Antončić, Igor Jurak, Pero Lučin,

Krešimir Pavelić, Alan Šustić

Recezeni/Reviewers

Stanimir Vuk-Pavlović i/and Krešimir Krnjević

Registracija sudionika / Registration: 8 – 9 h

Ulaz je slobodan, a sudionici se trebaju do 1. srpnja registrirati na:

<http://www.biotech.uniri.hr/hr/registracija.html>

Kave i sokovi tijekom stanki i ručak bez naknade.

Informacije / Information

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P R O G R A M

9,00 – 9,10 - Welcome speeches

Prof. dr. sc. Krešimir Pavelić, Head of the Department of Biotechnology

Prof. dr. sc. Pero Lučin, Rector of the University of Rijeka

9,10 – 9,20 - Introduction

Akademik Daniel Rukavina, Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka

Prof. dr. sc. Vedrana Montana, Department of Biotechnology, University of Rijeka

Predsjedaju / Chairpersons: V. Montana and V. Parpura

9,20 – 10,05 - Prof. dr. sc. Ivan Milenković, University of Leipzig, Germany
Topographic and cell-specific purinergic modulation in developing auditory brainstem circuits

10,05 – 10,50 - Prof. dr. sc. Vladimir Parpura, University of Alabama at Birmingham, USA/
University of Rijeka, Croatia
Calcium dynamics in (patho)physiology of astrocytes

Coffee break 10,50 – 11,10 h

11,10 – 11,55 Prof. dr. sc. Alexei Verkhratsky, University of Manchester, United Kingdom
Astroglia in Alzheimer disease

11,55 – 12,40 - Prof. dr. sc. Jean – Pierre Julien, University of Laval, Canada
NF-kB activation in pathogenesis of amyotrophic lateral sclerosis

Lunch with a panel of speakers 12,40 – 13,40 h

13,40 – 14,25 - Prof. dr. sc. Jasna Križ, University of Laval, Canada
Microglial activation: Live imaging and function in injured and diseased brain

14,25 – 15,10 - Prof. dr. sc. Vedrana Montana, University of Rijeka, Croatia
At the interface of glia and glioma

Coffee break 15,10 – 15,30 h

15,30 – 16,15 - Prof. dr. sc. Miranda Mladinić Pejatović, University of Rijeka, Croatia
Molecular and cellular mechanisms involved in spinal cord injury: insights from *in vitro* studies

16,15 – 17,00 - Prof. dr. sc. Laura Ballerini, University of Trieste, Italy
Nanotools for Neuroscience: networks of neurons and nano materials

17,00 – 17,10 - Closing: Prof. dr. Vladimir Parpura

Reference: Official language of the Symposium is English

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