

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

HRVATSKA AKADEMIJA ZNANOSTI I
UMJETNOSTI

Zavod za kliničku i transplantacijsku
imunologiju i molekularnu medicinu u
Rijeci

SVEUČILIŠTE U RIJECI
Odjel za biotehnologiju

Organized by

THE CROATIAN ACADEMY OF
SCIENCES AND ARTS

Department of Clinical and
Transplantation Immunology and
Molecular Medicine in Rijeka

UNIVERSITY OF RIJKA
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

Registracija sudionika / Registration: 8 – 9 h

Ulaz je slobodan, a sudionici se trebaju registrirati na:
<http://www.biotech.uniri.hr/hr/registracija.html>

Kave i sokovi tijekom stanki i ručak bez naknade.

Informacije / Information

Željana Mikovčić, Odjel za biotehnologiju, Radmile Matejčić 2, Rijeka
tel. 051 584 826, e-pošta: rimed@hazu.hr

PROGRAM

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- κ B 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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