

THE CROATIAN ACADEMY OF SCIENCES AND ARTS

**The Department of Clinical and Transplantation Immunology and
Molecular Medicine in Rijeka**

**UNIVERSITY OF RIJEKA
Department of Biotechnology**

THE CROATIAN MEDICAL ASSOCIATION – Branch office Rijeka

14th Symposium

**TRANSLATION OF BASIC IMMUNOLOGY AND
NEUROSCIENCE TOOLS TO THERAPIES:**

Where Are We Now?



**July 4th 2016.
9,00 am**

**University Campus Rijeka, University Departments, Lecture hall 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

HRVATSKI LIJEČNIČKI ZBOR -
Podružnica Rijeka

Organized by

THE CROATIAN ACADEMY OF
SCIENCES AND ARTS

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Transplantation Immunology and
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ASSOCIATION – Branch office Rijeka

Scientific Committee

Daniel Rukavina, president

Ivana Munitić, Jasna Križ, Miranda Mladinić Pejatović

Organizing Committee

Ivana Munitić, president

Hrvoje Jakovac, Andrea Markovinović, Tamara Martinović, Gordan Gulan

Free admission. Registration and Abstract submission at:

<http://symposium-neuroimmunology.uniri.hr>

Remark: Participants who want a certificate from the Croatian Medical Chamber need to register on the day of the symposium (8 – 9 am).

Lunch and refreshments during breaks will be provided free of charge.

Parking is free and provided in the building of the Student Center Rijeka (Radmile Matejčić 5).

Information

Željana Mikovčić, Department of Clinical and Transplantation Immunology
and Molecular Medicine, Radmile Matejčić 2, Rijeka
Phone: 051 584 826, e-mail: rimed@hazu.hr

PROGRAM

OPENING

(9,00 – 9,30 h)

Introduction

Daniel Rukavina, M.D., PhD., Professor Emeritus, Head, Dept. Clinical & Transpl. Immunol. and Molecular Medicine, Croatian Academy of Sciences and Arts, Rijeka, Croatia

Ivana Munitić, M.D., PhD., Department of Biotechnology, University of Rijeka, Rijeka, Croatia

Welcome speeches

Krešimir Pavelić, M.D., PhD., Professor, Department of Biotechnology, University of Rijeka, Rijeka, Croatia

Pero Lučin, M.D., PhD., Professor, Rector of the University of Rijeka, Rijeka, Croatia

9,30 – 11,00 h

I. MOLECULAR MECHANISMS OF BRAIN DISORDERS

Chairmen: Christopher Miller and Miranda Mladinić Pejatović

Christopher Miller, M.D., PhD., Professor, King's College London, UK

ER-mitochondria associations in fronto-temporal dementia and amyotrophic lateral sclerosis

Miranda Mladinić Pejatović, M.D., PhD., Professor, Department of Biotechnology, University of Rijeka, Rijeka, Croatia

Cell death and survival mechanisms after spinal cord injury: insight from in vitro animal models

Emanuele Buratti, M.D., PhD, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy

Investigating the role of TDP-43 pathology in neurodegenerative and other diseases

Coffee break: 11,00 – 11,15

11,15 – 12,45 h

II. INFLAMMATION AS DISEASE TRIGGER

Chairmen: Ivana Munitić and Jonathan Ashwell

Jonathan Ashwell, M.D., National Cancer Institute, National Institutes of Health, Bethesda, USA
T cell p38: a therapeutic target in autoimmunity, inflammation, and cancer

Bojan Polić, M.D., PhD., Professor, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
Inflammation of visceral adipose tissue and development of type 2 diabetes

Ivana Munitić, M.D., PhD., Department of Biotechnology, University of Rijeka, Rijeka, Croatia
Animal models for elucidating the role of adaptor protein optineurin during inflammation

Lunch with a panel of speakers and POSTER SESSION: 12:45 – 14:15

14,15 – 15,45 h

III. NEUROIMMUNOLOGY: AN INCREASINGLY COMPLEX AND VIBRANT FIELD

Chairmen: Jasna Križ and Stipan Jonjić

Stipan Jonjić, M.D., PhD., Professor, Faculty of Medicine, University of Rijeka, Rijeka, Croatia
Congenital cytomegalovirus infection and neuroinflammation

Jasna Križ, M.D., PhD., Professor, University of Laval, Quebec, Canada
Alterations in microglia immune homeostasis drive neurodegeneration

Elsa Fabbretti, M.D., PhD., Professor, Center for Biomedical Sciences and Engineering, University of Nova Gorica, Nova Gorica, Slovenia
Molecular requirements for purinergic signaling in the control of pain sensitivity

Coffee break: 15,45 – 16,00

16,00 – 18,00 h

IV. ENTERING THE BRAIN WITH NEW TOOLS: CAN WE SUCCESSFULLY TREAT NEURODEGENERATION?

Chairmen: Joseph Priller and Jean-Pierre Julien

Jean-Pierre Julien, PhD., Professor, University of Laval, Quebec, Canada
Single chain antibodies for treatment of amyotrophic lateral sclerosis

Josef Priller, M.D., PhD., Professor, Charité-Universitätsmedizin Berlin, Berlin, Germany
Therapeutic potential of myeloid cells in neurodegenerative diseases

Dinko Mitrečić, M.D., PhD., Croatian Institute for Brain Research, Faculty of Medicine, University of Zagreb, Zagreb, Croatia
Application of stem cells in brain diseases: lessons from stroke and amyotrophic lateral sclerosis

Angela Genge, M.D., PhD., Montreal Neurological Institute and Hospital, Montreal, Canada
Clinical evidence for the role of inflammation in amyotrophic lateral sclerosis and other neurodegenerative disorders

18,00 h

V. CLOSING REMARKS

Daniel Rukavina, M.D., PhD. Professor Emeritus, Croatian Academy of Sciences and Arts, Rijeka, Croatia



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