

**SYMPOSIUM:**  
**TRANSLATION OF BASIC IMMUNOLOGY AND NEUROSCIENCE TOOLS**  
**TO THERAPIES: Where Are We Now?**



**WHEN: JULY 4<sup>th</sup> and JULY 5<sup>th</sup> 2016**

**WHERE: UNIVERSITY CAMPUS RIJEKA, Radmile Matejčić 2**

**Organizers:**

THE CROATIAN ACADEMY OF SCIENCES AND ARTS, Department of Clinical and Transplantation Immunology and Molecular Medicine in Rijeka

UNIVERSITY OF RIJEKA, Department of Biotechnology

THE CROATIAN MEDICAL 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 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.

**MONDAY July 4<sup>th</sup>:**

**9,00: 9,30** OPENING and Welcome speeches

**9,30: 11,00** **Session 1: MOLECULAR MECHANISMS OF BRAIN DISORDERS**

**Dr. Christopher Miller**, PhD, King's College London, UK: **ER-mitochondria associations in fronto-temporal dementia and amyotrophic lateral sclerosis**

**Dr. Miranda Mladinić Pejatović**, PhD, Department of Biotechnology, University of Rijeka, Croatia: **Cell death and survival mechanisms after spinal cord injury: insight from in vitro animal models**

**Dr. Emanuele Buratti**, PhD, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy: **Investigating the role of TDP-43 pathology in neurodegenerative and other diseases**

**11,15: 12,45** **Session 2: INFLAMMATION AS DISEASE TRIGGER**

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

**Dr. Bojan Polić**, MD, PhD, Faculty of Medicine, University of Rijeka, Croatia: **Inflammation of visceral adipose tissue and development of type 2 diabetes**

**Dr. Ivana Munitić**, MD, PhD, Department of Biotechnology, University of Rijeka, Croatia: **Animal models for elucidating the role of adaptor protein optineurin during inflammation**

**12,45: 14,15** **POSTER session** and buffet lunch with speakers

**14,15: 15,45** **Session 3: NEUROIMMUNOLOGY: AN INCREASINGLY COMPLEX AND VIBRANT FIELD**

**Dr. Stipan Jonjić**, MD, PhD, Faculty of Medicine, University of Rijeka, Croatia: **Congenital cytomegalovirus infection and neuroinflammation**

**Dr. Jasna Križ**, MD, PhD, University of Laval, Quebec, Canada: **Alterations in microglia immune homeostasis drive neurodegeneration**

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

**16,00: 18,00** **Session 4: ENTERING THE BRAIN WITH NEW TOOLS: CAN WE SUCCESSFULLY TREAT NEURODEGENERATION?**

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

**Dr. Josef Priller**, MD, PhD, Charité-Universitätsmedizin Berlin, Germany: **Therapeutic potential of myeloid cells in neurodegenerative diseases**

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

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

**TUESDAY July 5<sup>th</sup>:**

**11,00: 13,00** **Roundtable: INTERDISCIPLINARY APPROACH TO COMPLEX DISEASES**

In an attempt to emphasize the need and facilitate collaborative interdisciplinary projects, basic scientists, clinical researchers and practitioners are invited to discuss the importance of interdisciplinary research for understanding and treating complex human diseases. Benefits of translation of methods and technology, and sharing resources between disciplines will be discussed based on personal experiences and scientific and societal imperatives for such task.

