

**THE CROATIAN ACADEMY OF SCIENCES AND ARTS**

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

**UNIVERSITY OF RIJEKA – MEDICAL FACULTY**

**Center of Excellence for Research in Viral Immunology and  
Development of New Vaccines**

**THE CROATIAN MEDICAL ASSOCIATION – Branch office Rijeka**

**10<sup>th</sup> Symposium**

**VACCINATION AND IMMUNOTHERAPY  
IN DEFENSE AGAINST INFECTIOUS  
DISEASES AND TUMORS**



**25<sup>th</sup> September 2015.**

**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

MEDICINSKI FAKULTET  
SVEUČILIŠTA U RIJECI

Znanstveni centar izvrsnosti za virusnu  
imunologiju i cjepiva

HRVATSKI LIJEČNIČKI ZBOR –  
podružnica Rijeka

**Organized by**

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ASSOCIATION – Branch Office Rijeka

**Scientific Committee**

**Daniel Rukavina, president**

*Stipan Jonjić, Adriana Vince*

**Organizing Committee**

**Stipan Jonjić, president**

*Daniel Rukavina, Bojan Polić, Astrid Krmpotić, Alemka Markotić, Gordan  
Gulan*

**Registration: 8 – 9 h**

Free admission. Participants who want a certificate from the Croatian Medical Chamber need to register.

Refreshments during breaks and lunch are with no charge.

Parking is free and provided in the building of the Faculty of Civil  
Engineering,  
Radmile Matejčić 3

**Information**

Lidija Karinja, Department of Histology and Embriology, Faculty of Medicine,  
University of Rijeka, Braće Branchetta 20, Rijeka  
Phone: 051 651 170, e-mail: lidija.karinja@medri.uniri.hr

**P R O G R A M**  
**OTVORENJE / OPENING**

(9,00 – 9,15 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

**Welcome addresses**

**Tomislav Rukavina**, M.D., PhD., Professor, Dean of the Medical Faculty

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

9,15 – 12,45 h

**SECTION I**

**Chairmen: Stipan Jonjić and Bojan Polić**

**9,15 – 9,30 Stipan Jonjić**, M.D., PhD., Professor, Department of Histology and Embryology and Center for Proteomics, Faculty of Medicine, University of Rijeka

**Immunology in translational medicine**

**9,30 – 10,15 Stefan Kaufmann**, M.D., PhD., Professor, Max Planck Institute for Infection Biology, Department of Immunology, Berlin, Germany

**Rational vaccine and biosignature design for Tuberculosis control**

**10,15 – 10,45 Astrid Krmpotić**, M.D., PhD., Professor, Department of Histology and Embryology, Faculty of Medicine, University of Rijeka

**Cytomegalovirus vector expressing NKG2D ligand provides long-lived memory CD8 T cells with outstanding protective capacity**

**Coffee break: 10,45– 11,15**

**11,15 – 12,00 Dirk Busch**, M.D., PhD., Professor, Institute for Medical Microbiology, Immunology and Hygiene, Technische Universität München (TUM), Munich, Germany

**Adoptive cell therapy using primary or gene modified central memory T cells**

**12,00 – 12,45 Harry Dolstra, M.D., PhD., Professor, Nijmegen Centre for Molecular Life Sciences, Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands**

**Cancer immunotherapy with *ex vivo*-generated NK cells from hematopoietic progenitor cells**

**Lunch with a panel of speakers: 12,45 – 14,00**

**14,00 – 16,30 h**

## **SECTION II**

**Chairmen: Sabina Rabatić and Felix Wensveen**

**14,00 – 14,45 Peter Sebo, M.D., PhD., Professor, Laboratory of Molecular Biology of Bacterial Pathogens, Institute of Microbiology (Academy of Sciences of the Czech Republic), Prague, Czech Republic**

**The Yin and the Yang of a bacterial toxin: Fooling host phagocytes and delivering immunotherapeutic T cell vaccines**

**14,45 – 15,15 Adriana Vince, M.D., PhD., Professor, University Hospital for Clinical Diseases Fran Mihaljević, Zagreb**

**New direct acting antivirals for the treatment of hepatitis C – dream or reality?**

**15,15 – 15,45 Alemka Markotić, M.D., PhD., Professor, University Hospital for Clinical Diseases Fran Mihaljević, Zagreb**

**Vaccines and immunotherapeutics for highly pathogenic microorganisms - how far we are from bench to bed**

**15,45 – 16,15 Maja Šantak, PhD. Center for Research and Knowledge Transfer in Biotechnology of the University of Zagreb**

**Accumulation of defective interfering particles as the mechanism of viral vaccine attenuation**