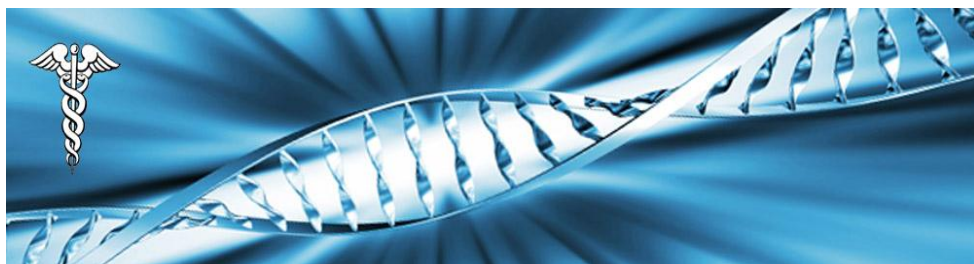


# TransMedRI



## Workshop on Bacterial Pathogenesis and Host Response

May 19<sup>th</sup> – 21<sup>st</sup> 2011  
Faculty of Medicine, University of Rijeka  
Rijeka, Croatia



Dear Colleagues,

I extend a warm welcome to everyone attending the *TransMedRI Workshop on Bacterial Pathogenesis and Host Response*.

Understanding microbial pathogenesis demands a detailed knowledge of the host response as well as the pathogen itself, and requires an interdisciplinary approach, integrating the fields of microbiology, cell-biology, biochemistry and immunology, with an aim to translate basic insights into the clinical disciplines. The TransMedRI meeting is planned to facilitate such interactions. We believe that the only sustainable approach to translational research lies in the creation of collaborative teams of clinicians and laboratory-based investigators. Enjoy the workshop!

Prof.dr.sc. Maja Abram

We are privileged to be hosting outstanding invited speakers:

**MARKO BANIĆ**, Professor of Internal Medicine, Department of Gastroenterology, Clinical Hospital Dubrava, Zagreb, Croatia

**BRUNO BARŠIĆ**, Professor in Infectology at Faculty of Medicine, University of Zagreb and Infectologist in Clinics for Infectious Diseases „Fran Mihaljević“, Zagreb, Croatia

**FRANCO BAZZOLI**, Professor of Medicine, Department of Internal Medicine and Gastroenterology, University of Bologna, Italy

**IGOR FRANČETIĆ**, Professor of Internal Medicine, Department of Medicine, Clinical Pharmacology Unit, University Hospital of Zagreb, Croatia

**PETER MALFERTHEINER**, Professor of Medicine and Director of the Hospital for Gastroenterology, Hepatology and Infection, Otto-von-Guericke-University in Magdeburg, Germany

**JÉRÔME PUGIN**, Professor in Intensive Care and Medical Doctor in Intensive Care Unit, University Hospital of Geneva, Switzerland

**SONJA SMOLE-MOŽINA**, Professor in Microbiology and Vice-Head of The Chair of Biotechnology, Microbiology and Food Safety at Biotechnical Faculty, University of Ljubljana, Slovenia.

**BOJAN TEPEŠ**, Professor and Head of Medical Center Rogaska, Slatina, Slovenia

## SCIENTIFIC PROGRAM

**Thursday, afternoon session** May 19<sup>th</sup>, 2011

**Session I From bacterial response to environmental stress to host response to bacterial infection** 14.00 – 15.30

*Bojan Polić*, TransMedRi project leader Welcome  
*Maja Abram*, The Organizing Committee Introduction

*Sonja Smole-Možina*, Slovenia

Transmission of bacterial pathogens via food chain - case  
*Campylobacter*

*Darinka Vučković*, Croatia

Host –microbe interaction in the course of experimental  
campylobacteriosis

15.30 – 16.00 Coffee break

16.00 – 16.45

*Brankica Mijandrušić Sinčić*, Croatia

The bowel mikrobiota and inflammatory bowel disease (IBD)

*Dijana Detel*, *Lara Batičić*, *Jadranka Varljen*, Croatia

Chemically induced animal models of IBD

**Friday, morning session** May 20<sup>th</sup>, 2011

**Session II *Helicobacter pylori* – from Science to Clinical Medicine**

9.00 – 10.15

*Davor Štimac*, Croatia

*Helicobacter pylori* – still a challenge for basic scientists and  
clinicians

*Tomislav Rukavina*, Croatia

Modulation of inflammatory response after gastric H. pylori  
infection

*Peter Malfertheiner*, Germany

*Helicobacter pylori* infection – from basic science to clinical  
research

10.15 – 10.45 Coffee break

10.45 – 12.00

*Marko Banić*, Croatia

*Helicobacter pylori* translation research in  
Croatia

*Bojan Tepeš*, Slovenia

Translation medicine in Slovenia

*Franco Bazzoli*, Italy

Update in *Helicobacter pylori* treatment

12.00 – 12.30 Coffee break & snacks

**Friday, afternoon session** May 20<sup>th</sup>, 2011

**Session III Sepsis** 12.30 – 14.00

*Jerome Pugin*, Switzerland

Immunomodulation in sepsis

*Bruno Baršić*, Croatia

Sepsis – more on definition

14.00– 14.30 Coffee break

14.30 – 15.30

*Mirna Bobinac*, Croatia

Predictive biomarkers in sepsis

*Vlatka Sotošek-Tokmadžić*, Croatia

Sepsis and other nosocomial infections in severe traumatic  
brain injured patients

**Saturday, morning session** May 21<sup>st</sup>, 2011

**Session IV Antibiotics and bacterial resistance** 10.00 – 12.30

*Igor Francetić*, Croatia

Bacterial resistance and prescribing of antimicrobial drugs in  
everyday practice

*Maja Abram*, Croatia

Antibiotic resistance study of clinical strains of *Pseudomonas*  
*aeruginosa*

*Marijana Reljić*, Croatia

What can we do to prevent "superbug" emergence in ICU?

*Vera Vlahović-Palčevski*, Croatia

Effectiveness of strategies to promote rational antimicrobial  
drug use

Closing remarks

### GENERAL INFORMATION

The Workshop will be taking place from May 19<sup>th</sup> to 21<sup>st</sup> 2011 in Rijeka, at the Faculty of Medicine (floor III – *Vijećnica*), University of Rijeka. This workshop is intended for educational purposes and aims to offer participants an opportunity to share information. The official languages are English and Croatian.

**Organizing Committee:** Abram Maja, Rukavina Tomislav, Sotošek-Tokmadžić Vlatka, Štimac Davor, Šustić Alan, Vlahović-Palčevski Vera