

Ce-M-M-

Research Center for Molecular Medicine
of the Austrian Academy of Sciences

www.cemm.oeaw.ac.at



Ce-M-M-

Research Center for Molecular Medicine
of the Austrian Academy of Sciences

2012
Landsteiner
Lecture



Cover picture: **Prudence and Vigilance**, Mollinarolo, Festive Hall of the Austrian Academy of Sciences in Vienna

Ruslan M Medzhitov

Yale School of Medicine, New Haven, CT, USA

Ruslan M Medzhitov is David W. Wallace Professor of Immunobiology at Yale University and Investigator at the Howard Hughes Medical Institute. Research in this laboratory focuses on many aspects of innate immunity including molecular mechanisms of innate immune recognition, the control of adaptive immune responses by innate immune recognition and the mechanisms of autoimmunity and allergy.

He earned a B.S. at Tashkent State University and a Ph.D. in biochemistry at Moscow University in 1990. At that time the Soviet Union was disintegrating and funding for science was drying up. Because laboratories were short of supplies, Medzhitov spent much of his time in the library, reading about modern biomedical science. There, he came upon a paper by Yale immunobiologist Charles Janeway (now deceased), who was studying how the innate immune system, an evolutionarily ancient system found in all multicellular animals,

interacts with the adaptive immune system, found only in vertebrates. Medzhitov wrote to Janeway and was accepted for postdoctoral study at Yale, arriving in 1994. The two researchers made the groundbreaking discovery that Toll-like receptors, a component of the innate system, provide the adaptive system with the necessary information to create custom-made B and T cells that target specific bacterial or viral invaders.

Ruslan M Medzhitov is author of 144 peer-reviewed publications. He was honored by the Lewis S. Rosenstiel Award for Distinguished Work in Basic Medical Science (2010), the William B. Coley Award for Distinguished Research in Basic and Tumor Immunology, Cancer Research Institute (2003), the Blavatnik Award for Young Scientists (2007), the Howard Taylor Ricketts Award of the University of Chicago (2008) and the Shaw Prize, Hong Kong (2011). He is member of the National Academy of Sciences, the American Academy of Allergy Asthma & Immunology (AAAAI) and the American Association of Immunologist (AAI).



CeMM-Landsteiner Lecture 2012 – May 3rd, 6 pm

Festive Hall Austrian Academy of Sciences

We kindly invite you and your colleagues to the lecture of

Ruslan M Medzhitov

Host Defense Strategies

Welcome and introduction by Giulio Superti-Furga, CeMM
Music & cocktail reception

Festive Hall Austrian Academy of Sciences, Dr. Ignaz Seipel-Platz 2, 1010 Vienna
RSVP until April 27th, 2012: eschweng@cemm.at, Phone +43-1/40160-70051