Workshop on
Virulence mechanisms of bacteria -diverse hosts, common strategies
October 21, 2015
IBB PAS

10.00-10.10 Opening Joanna Kruszewska (Polish Biochemical Society)
Chair: Jacek Hennig
10.10-10.50 Thorsten Nürnberg (Centre for Plant Molecular Biology, Tübingen, Germany)
“Patterns and Receptors in Plant Immunity”
10.50-11.20 Izabela Sitkiewicz (National Medicines Institute, Warsaw, Poland)
“Interplay between host and pathogen - mechanisms of Streptococcal pathogenesis”
11.20-11.50 Jan Potempa (Microbiology Department of the Jagiellonian University, Krakow, Poland and University of Louisville, School of Dentistry, USA)
“Porphyromonas gingivalis, the master manipulator of innate immunity defenses”
11.50-13.00 Coffee break
Chair: Thorsten Nürnberg
13.00-13.30 Jens Boch (Leibniz University of Hannover, Germany)
“Microbial virulence factors to manipulate, sabotage, and bioengineer eukaryotic cells”
13.30-14.00 Magdalena Krzymowska (Institute of Biochemistry and Biophysics, Warsaw, Poland)
“Ticket scams and stowaways: bacterial effectors traveling around the host cells; the case of HopQ1 from Pseudomonas syringae”
14.00-14.30 Joanna Koziel (Microbiology Department of the Jagiellonian University, Krakow, Poland)
“Staphylococcus aureus and seven deadly sins”
14.30-15.00 Magdalena Klink (Institute of Medical Biology of PAS, Lodz, Poland)
“The role of cholesterol degrading enzymes in the virulence of Mycobacterium tuberculosis”