SYMPOSIUM

New Insights into Infection Biology

Tuesday
March 19th 2019

Symposium at the Max Planck Institute for Infection Biology

8:00 am - 2:00 pm
Seminar rooms 1+2

8:00 – 10:00

Welcome by **Bill S. Hansson,**
Vice President of the Max Planck Society

Thomas Ciucci
National Cancer Institute, NIH, Bethesda, USA
Transcriptional regulation of effector and memory T cell differentiation at the single-cell resolution

Billur Akkaya
National Institute of Allergy and Infectious Diseases, NIH, Bethesda, USA
A T-Rex tale: Antigen-specific suppression by trogocytosis of peptide-MHCII

Felix-Michael Key
Massachusetts Institute of Technology (MIT), Cambridge, USA
Origin and adaption of microbial pathogens on a historical and patient timescale

Mark R. Cronan
Duke University School of Medicine, Durham, USA
Genetic dissection and modeling of granulomatous inflammation in tuberculosis

Coffee Break

10:25 – 12:00

Matthieu Domenech de Cellès
Institut Pasteur, Paris, France
Unraveling the epidemiology of infectious diseases using mathematical modeling and statistical inference

Smita Gopinath
Yale University School of Medicine, New Haven, USA
Antibiotic-mediated antiviral immunity

Igor Iatsenko
Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland
Drosophila intestinal immunity connects gut bacteria and aging

Munir Akkaya
National Institute of Allergy and Infectious Diseases, NIH, Bethesda, USA
How TLR9 Signaling shapes the survival, differentiation and metabolism of B cells

Lunch Break

13:00 – 14:00

Christian T. Mayer
The Rockefeller University, New York, USA
Novel immunoregulatory pathways in the antibody response

Charlotte E. Rafaluk-Mohr
University of Oxford, UK
The tangled bank of host-parasite coevolution

Pietro Scaturro
Technical University Munich, Germany
Orthogonal systems biology to unlock emerging arboviruses

To participate, please register by 6 March at the following e-mail address:
symposium2019@mpiib-berlin.mpg.de
Participation is free of charge.

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