

Modeling Mucosal Immunity Symposium

June 13th, 2014



SCHEDULE

8.00AM Registration and coffee

9.00AM Opening remarks

Dr. Josep Bassaganya-Riera, Center for Modeling Immunity to Enteric Pathogens, Virginia Tech.

9.15AM Keynote Speaker

Dr. Dough Lauffenburger, Massachusetts Institute of Technology, Boston
"In Vivo Systems Analysis of Inflammatory Pathophysiology"

10.15AM Coffee Break

10.30AM Invited Speaker

Dr. Martin Meier-Schellersheim, National Institute of Health
"Analysis of Innate Immune Signaling Mechanisms Capable of Detecting the Level of Pathogenic Threat"

11.30AM Invited Speaker

Dr. Stuart Sealfon, Mount Sinai Hospital and PRiME Center
"Information Coding of Dendritic Cell Responses to Virus Infection"

12.30AM Lunch

1.30PM Invited Speaker

Dr. Shayn Pierce, University of Virginia
"Using Multiscale Models to Understand how Biochemical and Biomechanical Factors Control Tissue Growth and Remodeling"

2.30PM Invited Speaker

Dr. Tom Kepler, Boston University
"Computational Immunology in Vaccine Development"

3.30PM Coffee Break

4.00PM Invited Speaker

Dr. Martin Zand, University of Rochester
"Modeling Influenza Infection: 'Omics Meets ODE"

5.00PM Invited Speaker

Dr. Josep Bassaganya-Riera, Center for Modeling Immunity to Enteric Pathogens, Virginia Tech.
"Modeling Immune Responses to Gut Pathogens"

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Infectious Diseases

