

WAITT ADVANCED BIOPHOTONICS CENTER

FIFTH ANNUAL SYMPOSIUM

THE BIOLOGICAL MECHANISMS OF HEALTH AND DISEASE

INVITED SPEAKERS:

MICHAEL ELBAUM
Weizmann Institute, IL

DMITRY LYUMKIS
Salk Institute

SAMARA RECK-PETERSON
UC San Diego, HHMI

RICK HORWITZ
Allen Institute for Cell Science

DIDIER STAINIER
Max Planck Institute
For Heart and Lung Research, DE

DORIAN MCGAVERN
NINDS, NIH

MICKAEL TANTER
Institut Langevin, Inserm, FR

DAVID VAN ESSEN
Washington University in St. Louis

ORGANIZING COMMITTEE:

MARTIN HETZER
Salk Institute

AXEL NIMMERJAHN
Salk Institute

URI MANOR
Salk Institute

ABSTRACT SUBMISSION DEADLINE:

APRIL 26, 2017

REGISTRATION DEADLINE:

MAY 5, 2017

FRIDAY, MAY 19, 2017 • 9:00AM TO 6:00PM
CONRAD T. PREBYS AUDITORIUM • SALK INSTITUTE

SESSION I Chair, URI MANOR

9:00 AM MICHAEL ELBAUM Weizmann Institute, IL
New Approaches to Cellular Cryo-tomography

9:45 AM DMITRY LYUMKIS Salk Institute
Structural Insights into Retroviral Integration Using CryoEM

10:30 AM **COFFEE BREAK**

11:00 AM SAMARA RECK-PETERSON UCSD/HHMI
Cellular Control of Microtubule-based Transport

11:45 AM RICK HORWITZ Allen Institute for Cell Science
Multi-scale Spatial Temporal Cell Science – A Next Step in the Post Genomic Era

12:30 PM **LUNCH / VENDOR SHOW / POSTERS**

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SESSION II Chair, AXEL NIMMERJAHN

2:00 PM DIDIER STAINIER Max Planck Inst. for Heart and Lung Res., DE
Imaging Cardiomyocyte Behavior During Cardiac Trabeculation in Zebrafish

2:45 PM Graduate Student / Post-Doc Short Talks

3:15 PM **COFFEE BREAK**

3:45 PM DORIAN MCGAVERN NIH
Imaging the Cellular Dynamics Associated with Inflammation, Damage, and Repair Following CNS Injury

4:30 PM MICKAEL TANTER Inserm, FR
Breaking of the Fundamental Limits of Ultrasound Imaging for Disruptive Biomedical Applications

5:15 PM DAVID VAN ESSEN Washington University in St. Louis
Human Cerebral Cortex: Structure, Function, Connectivity, Development, and Evolution

6:00 PM **RECEPTION**

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ON-LINE REGISTRATION: www.salk.edu/wabc2017
Contact: events@salk.edu #WABC2017

Poster design by Jamie Simon, samples of speakers' visualizations as art.



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