

2017 ROCKEFELLER POSTDOCTORAL ASSOCIATION RETREAT

September 14, 2017 - Day 1

6:45 AM	Departure for Mohonk Mountain House (1000 Mountain Rest Road, New Paltz, NY 12561) from Rockefeller Main Gate (66th & York)	2:00 PM – 4:15 PM	AFTERNOON SYMPOSIUM I <i>Session chair: Aarthi Maganti-Vijaykumar</i>
9:30 – 10:15 AM	Coffee/Tea and Snacks		How streams of magnetotactic bacteria break into active droplets Tyler Shendruk (Siggia)
10:15 AM – 12:30 PM	MORNING SYMPOSIUM I <i>Session chair: Anja Armache</i>		Zika Virus-Neutralizing Antibodies Priscilla Olsen (Nussensweig)
	Determining messenger RNA protein complex composition, stoichiometry, and dynamics by tandem immunoprecipitation and quantitative mass spectrometry Erica Jacobs (Chait)		Interrogating the human immune response by gene expression profiling at single-cell resolution Jorg Calis (Rosenberg)
	Intestinal epithelial and intraepithelial T Cell crosstalk mediates a dynamic response to infection Bernardo Reis (Mucida)		Blood-brain barrier integrity is required for sleep Sofia Axelrod (Young)
	Studying MeCP2 dynamic function at single molecule resolution Francesco Piccolo (Heintz)		Growth control and patterning of the mammalian utricle Adrian Jacobo (Hudspeth)
	An in vivo RNAi screen uncovers RhoGTPase signaling networks as key drivers of hair follicle morphogenesis Melanie Laurin (Fuchs)	4:15 PM – 4:45 PM	Coffee break
	Dissecting the role of the human skin microbiota in <i>Aedes aegypti</i> host-seeking behavior Ellen De Obaldia (Vosshall)	4:45 PM – 5:45 PM	KEYNOTE ADDRESS <i>Session chair: Dan Simon</i>
12:30 PM – 2:00 PM	Lunch		The Best of Times and the Worst of Times - Righting the Biomedical Enterprise Dr. Shirley Tilghman (President Emerita, Princeton University)
		5:45 PM – 6:30 PM	Check-in
		6:30 PM – 8:00 PM	Dinner
		8:00 PM – 12:00 AM	DJ and Dance party

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September 15, 2017 – Day 2

7:00 AM – 9:00 AM

Continental breakfast

9:00 AM – 10:45 PM

MORNING SYMPOSIUM II

Session chair: Rose Wang || Xuhang Liu

A master regulatory network restoring brain glutamate homeostasis is coordinately activated in stroke

Mariko Kobayashi (Darnell, R.)

Impaired Epidermal to Dendritic T Cell Signaling Slows Wound Repair in Aged Skin

Siqi Liu (Fuchs)

Species and Cell-Type Properties of Classically Defined Human and Rodent Neurons and Glia

Xiao Xu (Heintz)

Applications of genomics and precision medicine in the treatment of Psoriasis

Lewis Tomalin (Krueger)

10:45 AM – 11:00 AM

Coffee break

11:00 AM – 12:15 PM **PANEL DISCUSSION**

Session chair: Sally Dewhurst

Science Policy

Shirley Tilghman (President Emerita, Princeton University), Jesse Ausubel (Director of the Program for the Human Environment, Rockefeller University), Rebecca Leshan (Director of the Banbury Center, Cold Spring Harbor Labs), and Huang Yu (Assistant Professor, Columbia University).

12:15 PM – 1:00 PM

Check-out

12:45 PM – 2:00 PM

Lunch

2:00 PM – 6:00 PM

Free time

2:15 PM – 3:15 PM

Science Olympics

6:00 PM – 7:30 PM

Dinner

7:30 PM – 8:00 PM

Departure for Rockefeller University