



THE ROCKEFELLER POSTDOCTORAL ASSOCIATION 2012 RETREAT

September 12, 2012

6:00 AM Departure for Interlaken Inn from The Rockefeller University

9:15 – 9:30 AM Luggage storage

9:30 – 10:30 AM Continental breakfast

MORNING SYMPOSIUM I

Session Chair: Asma Hatoum
10:30 AM – 12:30 PM

Welcome Remarks

Postdoc Talks:

Analysis of gene expression in mantle and interneuroblast cells reveals genes that are differentially regulated during hair-cell regeneration

Aaron Steiner, Hudspeth Lab

A screen for chemical modulators of food intake

Gabriel Gasque, Vosshall Lab

A flexible mid-plane ring in the transport channel of the nuclear pore complex

Sozanne Solmaz, Blobel Lab

A new twist on the translocation mechanism of helicases from the structure of DnaB with its substrates

Richard Wing, Blobel Lab

12:30 – 2:00 PM Lunch*

Event Locations

All symposia and discussions - *Pavilion*

*Breakfast and Lunch - *Morgan's Restaurant*

§Banquet dinner - *Will Rogers room.*

‡Dance Party - *The Atrium.*

¥Barbecue dinner - *Continental Patio.*

AFTERNOON SYMPOSIUM I

Session Chair: Paul D'Agostino
2:00 – 4:15 PM

Postdoc Talks:

Identification of stem cell populations in sweat glands and ducts reveals roles in homeostasis and wound repair

Catherine Lu, Fuchs Lab

Enriching the Metagenome: A genetic strategy to aid natural product discovery

Zach Charlop-Powers, Brady Lab

A new primary immunodeficiency affecting T cells in a patient with Kaposi sarcoma and leishmaniasis

Minji Byun, Casanova Lab

Astrocytic laminin regulates blood brain barrier integrity

Yao Yao, Strickland Lab

Characterizing the genetic requirements for a small RNA interference pathway in *Staphylococcus epidermidis*

Asma Hatoum, Marraffini Lab

4:15 – 4:30 PM Coffee Break

PANEL DISCUSSION

Session Chair: Nidhi Gangadhar
4:30 – 5:30 PM

Title: "The Future of Peer Review: Who Determines Your Impact?"

Panelists: Pamela Silver, Marc Tessier-Lavigne, Mary Beth Hatten, and Sohail Tavazoie

EVENING

5:30 – 7:00 PM Check-in

7:00 – 8:30 PM Banquet Dinner[§]

8:30 – 9:30 PM Bonfire by the lake

9:30 – 12:00 AM Dance Party[‡]

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7:00 – 9:00 AM Continental Breakfast*

MORNING SYMPOSIUM II

Session Chair: Nidhi Gangadhar
9:30 – 11:15 AM

Postdoc Talks:

Co-recognition of DNA and a methylated histone tail by the MSL3 chromodomain

Bartlomiej Blus, Blobel Lab

Role of mitochondrial dynamics in regulating XIAP degradation

Anshuman Kelkar, Steller Lab

Phage defense mechanisms in *Staphylococci*

David Bikard, Marraffini Lab

Plants' developmental flexibility, drought stress adaptation, and evolutionarily conserved miRNA-mRNA pair

Natsuko Kinoshita, Chua Lab

The babel fish: Active mechanoreception in the ear

Dáibhid Ó Maoiléidigh, Hudspeth Lab

11:15 – 11:45 PM Coffee Break

KEYNOTE ADDRESS: Pamela Silver

Session Chair: Asma Hatoum
11:45 AM – 12:45 PM

Title: "Designing Biological Systems"

12:45 – 1:00 PM PDA address
Paul D'Agostino

AFTERNOON - EVENING

1:00 – 2:00 PM Lunch*

2:00 – 6:00 PM Free Time

6:00 – 7:30 PM Barbecue[¥]

7:30 PM Departure for RU