

8:30 a.m. *Registration, Poster Setup & Continental Breakfast*

9:00 a.m. *Introduction*
Beth Grayhack, Faculty Organizer

Session I Chair – C. Owen Smith
9:05 a.m. **Joshua Munger**
Department of Biochemistry and Biophysics
Pathological Manipulation of the Host Cell Metabolic Network

9:35 a.m. **Andrew Wojtovich**
Department of Medicine, Nephrology Division
Optogenetic Control of Mitochondrial Reactive Oxygen Species

10:05 a.m. *Coffee Break and Poster Session (Evens) and Sponsor Tables*

10:50 a.m. **Career Panel**
Xin Li, *How to Choose Your Post-Doctoral Lab*
Assistant Professor, Department of Biochemistry & Biophysics

Evgeny Nudler, *How to Manage Your Growing Lab*
Howard Hughes Medical Institute Investigator;
Julie Wilson Anderson Professor, Department of Biochemistry & Molecular Pharmacology, New York University School of Medicine

Beate Schwer, *From Post-Doc to Assistant Professor*
Professor, Department of Microbiology & Immunology,
Weill Medical College of Cornell University

Neil Shull, *How to Move from the Lab to Patent Law*
Associate at Sterne, Kessler, Goldstein & Fox, Attorneys at Law

11:50 a.m. *Buffet Lunch*

Session II Chair – Christina Brule
12:40 p.m. **Jian Zhu**
Department of Microbiology and Immunology
Sharpening the Tools for Gene Discovery: A Lesson from Host-Virus Studies

1:10 p.m. **Laxmi Narayan Mishra**
Department of Biochemistry and Biophysics
Role of Linker Histone HILS1 in Chromatin Remodeling during Mammalian Spermiogenesis

1:40 p.m. **Xin Li**
Department of Biochemistry and Biophysics
Are piRNAs the Footprints of Ribosomes?

2:10 p.m. *Coffee & Snack Break, Poster Session (Odds) and Sponsor Tables*

Session III Chair – Clara Kielkopf
2:55 p.m. **Michael Guy**
Department of Biochemistry and Biophysics
Defects in tRNA Anticodon Loop 2'-O-Methylation are Implicated in Intellectual Disability

3:25 p.m. **Maximilian Popp**
Department of Biochemistry and Biophysics
Attenuation of NMD Activity During Chemotherapeutic Treatment

3:55 p.m. *Keynote Speaker*
Beate Schwer
Professor, Department of Microbiology and Immunology,
Weill Medical College of Cornell University
mRNA Capping and the RNA Polymerase II CTD Code

4:40 p.m. *Closing Remarks*
Clara Kielkopf, Faculty Organizer

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Biochemistry and Molecular Biology (BMB) Program

11th Annual Retreat

Dedicated to the memory of
Drs. Philip J. Fay & Fred Sherman

Faculty Organizers: Beth Grayhack & Clara Kielkopf
Student Organizers: Christina Brule & Owen Smith
Staff Organizers: Amanda Gibson, LaSarah Reynolds &
Melissa Vera

Thursday, March 26, 2015
8:30 a.m. – 5:00 p.m.

Colgate Rochester Crozer Divinity School
1100 South Goodman Street
Rochester, NY 14620