

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

9:00 a.m. *Introduction*

Dr. Clara Kielkopf, Faculty Organizer

9:05 a.m. **Beth Grayhack**

Chair: Clara Kielkopf
Associate Professor, Department of Biochemistry and Biophysics
Concerted Effects of Adjacent Codons Modulate Translation

9:30 a.m. *Keynote Speaker*

Chair: Xin Li

Jeffrey Roberts

Robert J. Appel Professor of Cell and Molecular Biology, Cornell University
Insights into Regulation of Transcription Elongation from Bacteriophage Lambda

10:05 a.m. *Coffee Break and Sponsor Tables*

10:20 a.m. **Brian Smith**

Chair: Bronwyn Lucas
Postdoctoral Research Associate, Culver Lab, Department of Biology
New Insights into 16S rRNA Maturation in E. coli

10:45 a.m. **Joseph Schmitthenner**

Life Sciences Career Coach, Center for Professional Development
Career Coaching Resources

11:00 a.m. **Career Panel**

Chair: Xin Li

Jeffrey Roberts

Robert J. Appel Professor of Cell and Molecular Biology, Cornell University

Suzanne O'Handley

Associate Professor of Biochemistry, Rochester Institute of Technology

Manuel Ares, Jr.

Professor, Department of Molecular, Cell and Developmental Biology, University of California, Santa Cruz

11:45 a.m. *Buffet Lunch, Posters and Sponsor Tables*

Posters and Sponsor tables are located on the lower level

1:15 p.m. **Anand Ramakrishnan**

Chair: Clara Kielkopf
Product Specialist Life Sciences, GE Healthcare, Marlborough, MA
To Affinity & Beyond: Biomolecular Interaction Analysis Using Biacore™ Systems

1:40 p.m. *Keynote Speaker*

Silvia Buonamici

Director of Target Biology, H3 Biomedicine, Cambridge, MA
SF3B1 Mutations are Associated with Aberrant Splicing and Impaired Erythroid Differentiation in Myelodysplastic Syndromes

2:15 p.m. **Career Panel**

Silvia Buonamici

Director of Target Biology, H3 Biomedicine

Anand Ramakrishnan

Product Specialist Life Sciences, GE Healthcare, Marlborough, MA

Cynthia Zhang

Associate Counsel/IP Attorney, UR Ventures

3:00 p.m. *Coffee & Snack Break and Sponsor Tables*

3:15 p.m. *Graduate Women in Science*

Chair: Lynne Maquat

Guy Riddihough

Senior Editor; Research, Perspectives Editor at *Science*
Leaving Science for Science (and Nature and PNAS)

4:05 p.m. **Reyad Elbarbary**

Chair: Xin Li
Research Assistant Professor, Maquat Lab, Department of Biochemistry and Biophysics
Endonucleolytic Decay of Cellular MicroRNAs by Tudor-SN Shapes Human Gene Expression

4:30 p.m. *Closing Remarks*

Dr. Xin Li, Faculty Organizer

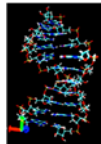
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RNA Structure & Function Cluster



Biochemistry and Molecular Biology (BMB) Program

12th Annual Retreat

Faculty Organizers: Clara Kielkopf & Xin Li
Student Organizer: Bronwyn Lucas
Staff Organizers: Amanda Gibson & Melissa Vera

Thursday, March 17, 2016
8:30 a.m. – 4:45 p.m.

The Historic German House
315 Gregory Street
Rochester, NY 14620