FONDATION LOUIS-JEANTET

2019 Louis-Jeantet Symposium
Tuesday, October 15 2019
Centre Médical Universitaire (CMU), Geneva – Auditorium Alex-F. Müller (A250)

RNA IN THE BALANCE: BETWEEN TRANSLATION AND DECAY

08:15 – 08:50 **Registration and welcome coffee**

08:50 – 08:55 **Cem Gabay**
Dean of the Faculty of Medicine, University of Geneva
Opening

08:55 – 09:00 **Venki Ramakrishnan**
MRC Laboratory of Molecular Biology, Cambridge
Introduction

SESSION 1

SESSION 1.1: 9:00 - 10:30

Chairperson: **Venki Ramakrishnan**
MRC Laboratory of Molecular Biology, Cambridge

09:00 – 09:30 **Jonathan Weissman**
Howard Hughes Medical Institute, San Francisco
Monitoring protein synthesis in space and time with ribosome profiling

09:30 – 10:00 **Ramanujan Hegde**
MRC Laboratory of Molecular Biology, Cambridge
Mechanisms of Quality and Quantity Control during mRNA Translation

10:00 – 10:30 **Oliver Mühlemann**
University of Bern, Bern
Exploring the link between translation termination and nonsense-mediated mRNA decay

10:30 – 11:00 **Break**

SESSION 1.2: 11:00 – 12:30

11:00 – 11:30 **Narry Kim**
Center for RNA Research, Institute for Basic Science, Seoul
School of Biological Sciences, Seoul National University, Seoul
Mixed tailing in viral infection

11:30 – 12:00 **Stefan Ameres**
IMBA - Institute of Molecular Biotechnology, Vienna
Time-resolved small RNA sequencing unravels the molecular principles of microRNA homeostasis

12:00 – 12:30 **Elena Conti**
Max Planck Institute of Biochemistry, Martinsried
The exosome – ribosome connection: coupling the RNA degradation and translation machineries

12:30 – 13:45 **Lunch**

SESSION 2

SESSION 2.1: 13:45 – 15:15

Chairperson: **Witold Filipowicz**
Friedrich Miescher Institute for Biomedical Research, Basel

13:45 – 14:15 **Michaela Frye**
Deutsches Krebsforschungszentrum (DKFZ), Heidelberg
RNA methylation in the regulation of gene expression

14:15 – 14:45 **Danny Nedialkova**
Max Planck Institute of Biochemistry, Martinsried
A need for speed: mechanisms coordinating mRNA translation and protein folding

14:45 – 15:15 **Susan Ackerman**
Howard Hughes Medical Institute, University of California San Diego, La Jolla
Translational modulation of neuronal homeostasis

15:15 – 15:45 **Break**

SESSION 2.2: 15:45 – 17:45

15:45 – 16:15 **Erin Schuman**
Max Planck Institute for Brain Research, Frankfurt
Protein Synthesis at Neuronal Synapses

16:15 – 16:45 **Jeffrey Chao**
Friedrich Miescher Institute for Biomedical Research, Basel
Imaging the life and death of single mRNAs in living cells

16:45 – 17:30 **Roy Parker**
Department of Biochemistry, University of Colorado, Boulder
Howard Hughes Medical Institute, Boulder
RNP Condensates in Health and Disease

17:30 – 17:45 **Elena Conti**
Concluding remarks

17:45 **End of the Symposium**

More information and registration online: www.jeantet.ch