MONDAY, MAY 10
Arrival and Registration

TUESDAY, MAY 11
Welcome and Keynote Address
Edith Heard, European Molecular Biology Laboratory, Germany
X-Inactivation in Mammals

Regulation of Long Noncoding RNA in Nuclear Condensates
Tetsuro Hirose, Hokkaido University, Japan
The Elements and Machinery of Architectural Long Noncoding RNAs
Prasanth V. Kannanganattu, University of Illinois, USA
Repeat-Containing Noncoding RNAs in the Nucleolus
Ling-Ling Chen, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China
Linking Long Noncoding RNA Processing and Function
Short Talk(s) Chosen from Abstracts

Workshop 1: New Technologies in RNA Biology
Short Talks Chosen from Abstracts

Noncoding RNA in Therapeutics
David L. Spector, Cold Spring Harbor Laboratory, USA
Targeting Long Noncoding RNAs to Impact Breast Cancer Progression
Arul M. Chinnaiyan, University of Michigan, USA
Clinical Potential Long Noncoding RNAs in Prostate Cancer
Sarah D. Diermeier, University of Otago, New Zealand
Mammary Tumor Associated RNAs as Drivers of Tumor Cell Growth and Metastasis
Short Talk(s) Chosen from Abstracts
Poster Session 1

WEDNESDAY, MAY 12
Mechanisms of Long Noncoding RNA Function
Xiaohua Shen, Tsinghua University, China
A Glimpse of ncRNA-mediated Transcription and Chromatin Regulation
Xuetao Cao, Nankai University and Chinese Academy of Medical Sciences, China
Functions of Long Noncoding RNAs in Innate Immunity
Igor Ulitsky, Weizmann Institute of Science, Israel
Functions of Long Noncoding RNAs in Mammalian Cells
Karen Adelman, Harvard Medical School, USA
Transcriptional Pausing and Elongation Control at Enhancers
Short Talk(s) Chosen from Abstracts

Enhancer RNAs and Circular RNAs
Ramin Shiekhattar, University of Miami, USA
Biogenesis and Functions of Enhancer RNAs
Jeremy E. Wilusz, University of Pennsylvania, USA
Controlling Circular RNA Levels and Nuclear Export
Nikolaus Rajewsky, Max Delbruck Center for Molecular Medicine, Germany
Functions of Circular RNAs in Animals
Short Talk(s) Chosen from Abstracts

Poster Session 2

THURSDAY, MAY 13
RNA Structure and Function
Anna Marie Pyle, Yale University, USA
Structure Insights into Noncoding RNA Function
Amanda E. Hargrove, Duke University, USA
Targeting Long Noncoding RNA with Small Molecules
Matthew D. Simon, Yale University, USA
Chemical Probing of RNA Structure in Cells
Marco Marcia, EMBL Grenoble, France
Structure-Functional Relationships in Long Non-Coding RNAs
Short Talk(s) Chosen from Abstracts

RNA Technologies
Howard Y. Chang, Stanford University, USA
Genome Regulation by Long Noncoding RNAs
Samie Jaffrey, Weill Medical College of Cornell University, USA
Imaging and Manipulating Cellular Functions with RNA Aptamers
Lydia M. Contreras, University of Texas at Austin, USA
Expanding Roles and Targeting of ncRNAs via Novel in vivo Characterization Approaches
Short Talk(s) Chosen from Abstracts

Poster Session 3

FRIDAY, MAY 14
Noncoding RNA in Development and Disease
Joshua T. Mendell, University of Texas Southwestern Medical Center, USA
Noncoding RNAs in Post-Transcriptional Regulatory Circuits
Lin He, University of California, Berkeley, USA
Noncoding RNAs and Retrotransposons in Development
Erwei Song, Sun-Yat-Sen Memorial Hospital, China
Long Noncoding RNA Regulation in Tumor-Immune Evasion
John L. Rinn, University of Colorado Boulder, USA
Long Noncoding RNA Regulation in Development
Short Talk(s) Chosen from Abstracts

Workshop 2: The Diversity of Long Noncoding RNA Functions
Short Talks Chosen from Abstracts

Repetitive RNAs in Gene Regulation and Development
Edward B. Chuong, University of Colorado Boulder, USA
Retrotransposons as Regulators of Innate Immunity
Maria-Elena Torres-Padilla, Helmholtz Centre Munich, Germany
Transposon Regulation in Early Development
Lynne E. Maquat, University of Rochester Medical Center, USA
Retrotransposons as Regulators of Gene Expression

* Session Chair † Invited but not yet accepted Program current as of March 28, 2020. Program subject to change. Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.
Short Talk(s) Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

SATURDAY, MAY 15

Departure