

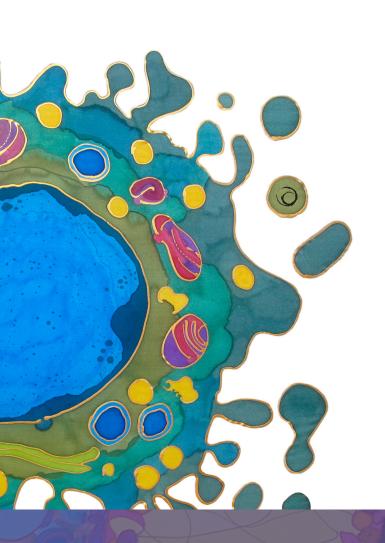


LIFE SCIENCES SYMPOSIUM

SEPTEMBER 5, 2018

FORUM HALL, PALMER COMMONS 100 WASHTENAW AVE, ANN ARBOR

FREE AND OPEN TO THE PUBLIC



SEVENTEENTH ANNUAL LSI SYMPOSIUM

8:45 A.M.

Welcome

Roger D. Cone, Ph.D.

Vice Provost and Director, Biosciences Initiative; Mary Sue Coleman Director, Life Sciences Institute; Professor of Molecular and Integrative Physiology, Medical School; Professor of Molecular, Cellular, and Developmental Biology, College of Literature, Science, and the Arts, University of Michigan

Martin Philbert, Ph.D.

Provost and Executive Vice President for Academic Affairs; Professor of Toxicology, School of Public Health, University of Michigan

8:55 A.M.

Introduction of the Mary Sue and Kenneth Coleman Life Sciences Lecturer

Alan R. Saltiel, Ph.D.

Professor and Director, Institute for Diabetes and Metabolic Health, University of California, San Diego School of Medicine; Director, Life Sciences Institute (2002-2015)

9:00 A.M.

Mary Sue and Kenneth Coleman Life Sciences Lecture: Single cell genomics: When stochasticity meets precision

Xiaoliang Sunney Xie, Ph.D.

Lee Shau-kee Professor; Director, Biomedical Pioneering Innovation Center; Director, Beijing Advanced Innovation Center for Genomics, Peking University

Solving biomedical challenges through single cell genomics approaches

Alexandra-Chloé Villani, Ph.D.

Principal Investigator and Director, Single Cell Genomics Research Program, Center for Immunology and Inflammatory Diseases, Massachusetts General Hospital; Member of the Faculty of Medicine, Harvard Medical School; Assistant Scientist, Broad Institute of MIT and Harvard

11:00 A.M.

Exploring the biological basis of neuronal identity and diversity:

From transcription mechanism to circuit function

Z. Josh Huang, Ph.D.

Charles and Marie Robertson Professor of Neuroscience, Cold Spring Harbor Laboratory

11:50 A.M.

Poster session & lunch

1:20 P.M.

Spatial genomics and single cell lineage dynamics by seqFISH and **MEMOIR**

Long Cai, Ph.D.

Research Professor, Division of Biology and Biological Engineering, California Institute of Technology

2:10 P.M.

Analytics of single cell RNA-SEQ: Lessons from heterogeneity of immune cells

Nir Yosef, Ph.D.

Assistant Professor, Department of Electrical Engineering & Computer Science, University of California, Berkeley

3:20 P.M.

Myeloid cell contribution to tumor outcome

Miriam Merad, M.D., Ph.D.

Professor and Director of the Precision Immunology Institute, Department of Oncological Sciences and Medicine, Icahn School of Medicine at Mount Sinai

4:10 P.M.

Closing Remarks

Roger D. Cone

