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SBP Sanford Burnham Prebys
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38th ANNUAL SYMPOSIUM

FRONTIERS IN SINGLE CELL BIOLOGY

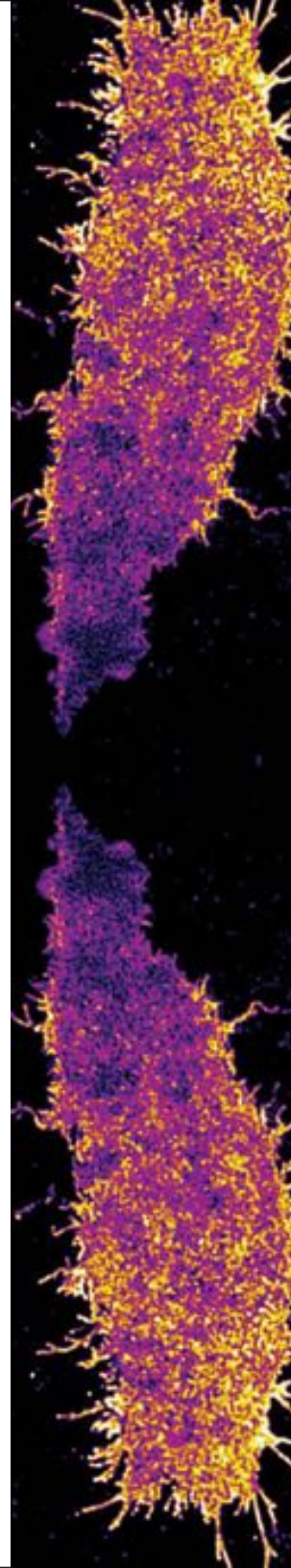
SPECIAL TRIBUTE SESSION
HONORING CONRAD PREBYS

Tuesday, October 10, 2017

Hilton Torrey Pines
10950 North Torrey Pines Road
La Jolla, CA 92037

Reception immediately to follow

Hosted by:
Peter Adams, Ph.D.
Sumit Chanda, Ph.D.



Tuesday, October 10

8:00-9:00 **Registration**

9:00-9:10

Welcome and Introduction:

Kristiina Vuori, SBP President

Morning Session 1- Chair: Alexey Terskikh

9:10-9:40

Nicholas Navin

MD Anderson, Houston, TX

Tumor Evolution: One Cell at a Time

9:40-10:10

Kun Zhang

University of California San Diego

Integrative Analysis of Transcriptome and Chromatin States on Human Brain at the Single-Cell Resolution

10:10-10:40

Akos Vertes

George Washington University, Washington DC

Phenotype, Mitosis and Metabolism at the Single Cell Level

10:45-11:10 **Coffee break**

Morning Session 2 - Chair: Matt Petroski

11:10-11:40

Brenda Andrews

University of Toronto, Canada

Phenotypic Profiling in Yeast Using High-content Screening and Single Cell Image Analysis

11:40-12:10

Jin Zhang

University of California San Diego

Dynamic Visualization of Signaling Activity Architecture in Living Cells

12:10-1:30 **Lunch**

Afternoon Session 3- Chair: Tao Long

1:30-2:00

Ido Amit

Weizmann Institute of Science, Israel

The Power of ONE: Immunology in the Age of Single Cell Genomics

2:00-2:30

Bertie Gottgens

University of Cambridge, United Kingdom

Cellular States, Differentiation Trajectories and Regulatory Networks of Blood Cell Development

2:30-3:00

Ana Cvejic

University of Cambridge, United Kingdom

Exploring the Mechanisms of Haematopoietic Lineage Progression at the Single-Cell Level

3:00-3:20 **Coffee break**

3:20-3:50

Jeff Hasty

University of California San Diego

Engineered Gene Circuits: From Clocks to Synchronized Delivery

3:50-4:20

Timm Schroeder

ETH Zurich, Switzerland

Long-Term Single Cell Quantification: New Tools for Old Questions

4:20 **Closing remarks**