

Emerging Technologies in Single Cell Biology Symposium 2018

Tuesday, November 13, 2018
9:00 AM – 5:00 PM

Arthur H. Rubenstein Auditorium
Smilow Center for Translational Research
Perelman School of Medicine
University of Pennsylvania
3400 Civic Center Boulevard
Philadelphia, PA 19104

PROGRAM

8:15am **Breakfast**

9:00 **Welcome & Introduction**
James H. Eberwine, PhD and Junhyong Kim, PhD
Co-Directors, Penn Program in Single Cell Biology

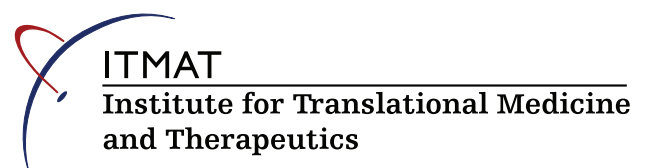
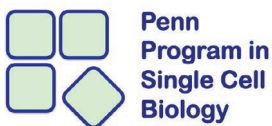
9:10 **“Quantifying proteins in single cells by high-throughput single-cell mass-spectrometry”**
Nikolai Slavov, PhD
Assistant Professor, Department of Bioengineering
Northeastern University

9:50 **“Developing and applying microfluidic technologies for profiling single cells”**
Polly Fordyce, PhD
Assistant Professor, Department of Genetics and Bioengineering
Stanford University

10:30 **Refreshments in the Lobby**

10:45 **“Single-cell atlas of the mouse kidney reveals unexpected cellular plasticity”**
Katalin Susztak, MD, PhD
Professor of Medicine
Perelman School of Medicine
University of Pennsylvania

11:25 **Takara Sponsored Lecture**
“Tumor and immune single cell heterogeneity and evolution during therapy”
Andrea Bild, PhD
Professor, Department of Medical Oncology and Therapeutics Research
City of Hope



12:00pm Lunch (symposium attendees will provide their own meal)

**2:00 “Building proteins to peek and poke at signaling circuits in vivo”
Klaus Hahn, PhD**

Thurman Distinguished Professor
Department of Pharmacology
UNC Chapel Hill School of Medicine

2:40 “Single-cell dissections of a dynamic cell lineage commitment process”

Ellen Rothenberg, PhD

Albert Billings Ruddock Professor
Department of Biology, Caltech

3:20 Refreshments in the Lobby

**3:35 “Generating cell diversity in the mouse and human kidney”
Andrew McMahon, PhD**

Chair and Keck Provost Professor
Department of Stem Cell Biology and Regenerative Medicine
USC Keck School of Medicine

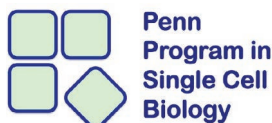
4:15 Future Prospects Session with all Speakers

4:50 Closing Remarks

James H. Eberwine, PhD and Junhyong Kim, PhD

Co-Directors, Penn Program in Single Cell Biology

Organized by:



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