



7<sup>th</sup> Annual Conference & Exhibit Show September 15<sup>th</sup>-17<sup>th</sup>, 2020  
SBI<sup>2</sup> High Content 2020  
Pittsburgh, PA  
University of Pittsburgh University Club



For complete program and registration visit [SBI2.org](http://SBI2.org)

Additional speakers will be selected from submitted abstracts

Poster presentations selected from submitted abstracts

## Tuesday, September 15<sup>th</sup>: Educational Courses & Colloquium

### SBI<sup>2</sup> Educational Program – Introductory & Advanced HCI/HCA Courses

Assay types & development, Image & data analysis, New technologies, Flow-cytometry & Imaging Mass-spec, Phenotypic screening, Statistical analysis of HCS/HCA data, Systems biology, CRISPR Technology, Machine Learning, etc.

### Colloquium - Machine Learning for HCA - Successes & Failures.

- **Robert Murphy Ph.D.** Professor of Biological Sciences, Biomedical Engineering, & Machine Learning at Carnegie Mellon University

## Wednesday & Thursday September 16<sup>th</sup>-17<sup>th</sup>: Main Conference

### Keynote Speakers

- **Lina Nilsson Ph.D.** Senior Director of Data Science Product, Recursion Pharmaceuticals “TBD”
- **Scott Fraser Ph.D.** Professor of Biology, Bioengineering, & Convergent Biosciences University of Southern California “Adding Dimensions to Intravital Imaging”

### Session 1: Assay Development & High Content Screening Case Histories - Chairs

- **Juliana Conkright-Fincham, Ph.D.** Head of Screening, Stowers Institute for Medical Research
- **Taosheng Chen, Ph.D., PMP**, Chemical Biology & Therapeutics, St. Jude Children’s Research Hospital

### Session 2: High Content Imaging Applications to Tissue Engineering - Chairs

- **Shilpa Sant, Ph.D.** Associate Professor, Department of Pharmaceutical Sciences, University of Pittsburgh School of Pharmacy
- **Kyle P. Quinn, Ph.D.** Associate Professor, Department of Biomedical Engineering, University of Arkansas

### Session 3: High Content Imaging Innovations - Chairs

- **David Andrews, Ph.D.** Director & Senior Scientist, Biological Sciences, Sunnybrook Research Institute, Toronto, Canada
- **Jeffrey Moffitt, Ph.D.** Assistant Professor, Cellular & Molecular Medicine, Boston Children's Hospital Department of Microbiology, Harvard Medical School

Poster Session of submitted abstracts.

**Session 4: Maximizing the Value of your Imaging Data - Chairs**

- **David Van Valen, Ph.D.** Assistant Professor of Biology & Biological Engineering, Caltech
- **Khuloud Jaqaman, Ph.D.** Assistant Professor, Department of Biophysics, Deborah & W.A. “Tex” Moncrief, Jr. Scholar in Medical Research, UT Southwestern Medical Center Dallas, TX

**2020 meeting registration**

Member: Professional	\$550
Member: Student & Post-Doc	\$250
Non-Member: Professional	\$700
Non-Member: Student & Post-Doc	\$325

\*Non-member rate includes SBI<sup>2</sup> annual membership

\* **1<sup>st</sup> 50 Student/Postdoc registrants save \$100, no membership required - \$150.00**

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