



Society of Biomolecular Imaging & Informatics 2025

SBI2's 12th Annual Conference

Renaissance Boston Waterfront, Boston, MA, USA

October 27 - October 29, 2025

Program & Events Guide



Conference at-a-Glance

Monday, October 27th

7:30 AM	Check-in opens
9:00 AM – 12:00 (noon)	Hands-on Workshops: <ul style="list-style-type: none"> ● 9 AM-12 (noon) Using Deep Learning tools for segmentation in CellProfiler - Beth Cimini & Erin Weisbart (Broad Institute) ● 9 AM-12 (noon) Nextflow for Bioimaging - Ken Brewer (Seqera)
10:30 AM - 11:45 AM	Career Panel - Led by: Kristin Halfpenny (Araceli)
12:00 PM – 1:00 PM	Lunch
1:00 PM – 4:30 PM	Educational Courses <ul style="list-style-type: none"> ● Track 1: Introduction to HCI/HCS <ul style="list-style-type: none"> ○ 1-2 PM Introduction & Overview of HCS/HCI/HCA <ul style="list-style-type: none"> ▪ Steve Haney (SAH Consulting) ○ 2-3 PM Best practices for HCS/HCI/HCA Assay Development & Optimization <ul style="list-style-type: none"> ▪ O. J. Trask (Revvity) ○ 30 min Break (3-3:30 PM) ○ 3:30-4:30 PM An HCS Journey Along the Prostate Cancer Drug Discovery Path <ul style="list-style-type: none"> ▪ P. A. Johnston (University of Pittsburgh) ● Track 2: Advanced HCI/HCS Models <ul style="list-style-type: none"> ○ 1-2 PM Complex Cellular Models <ul style="list-style-type: none"> ▪ Jim Finley (Pfizer) ○ 2-3 PM Imaging in 3D: Organoids & near-patient cell models <ul style="list-style-type: none"> ▪ Brinton Seashore-Ludlow (Karolinska Institute) ○ 30 min Break (3-3:30 PM) ○ 3:30-4:30 PM Live Cell Bright Field Imaging & Analysis <ul style="list-style-type: none"> ▪ Ilya Goldberg (ViQi Inc.) ● Track 3: Advanced HCI/HCS Informatics <ul style="list-style-type: none"> ○ 1-2 PM AI-based Image Analysis <ul style="list-style-type: none"> ▪ Adriana Borowa (Ardigen) ○ 2-3 PM Multiparametric data analysis, dimensionality & visualization methods <ul style="list-style-type: none"> ▪ Jonny Sexton (University of Michigan) & Jenna Tomkinson (University of Colorado Anschutz) ○ 30 min Break (3-3:30 PM) ○ 3:30-4:30 PM Cytomining Ecosystem <ul style="list-style-type: none"> ▪ Dave Bunten (University of Colorado Anschutz), Niranj Chandrasekaran, & Juan C. Caicedo
4:30 PM – 6:30 PM	Post-Educational Courses Reception

Tuesday, October 28th

7:30 AM	Check-in opens
8:00 AM – 6:00 PM	Exhibit Hall Opening
8:50 AM – 9:00 AM	Opening Remarks: Nasim Jamali, SBI2 President
9:00 AM – 10:00 AM	Keynote Speaker: Marinka Zitnik (Harvard) <i>TBD</i>
10:00 AM – 10:15 AM	Exhibitor Spotlight - Molecular Devices
10:15 AM – 10:45 AM	Coffee Break & Exhibit Viewing
10:45 AM – 12:45 PM	Session 1: Multi-omics and multimodal integration <ul style="list-style-type: none"> ● Samouil Farhi (Broad) 10:45-11:15 ● Ralda Nehme (Stanley Institute) 11:15-11:45 ● Stefan Semrau (NYSCF) 11:45-12:15 ● Exhibitor Spotlight – Ardigen 12:15-12:30
12:45 PM – 1:45 PM	Lunch & Learn Sponsored Sessions <ul style="list-style-type: none"> ● Araceli Biosciences, room A ● Element Biosciences, room B
2:00 PM – 3:30 PM	Session 2: Advancements in AI and Foundation Models (part 1) <ul style="list-style-type: none"> ● Johnny Yu (Tahoebio) (2:00-2:30) ● Safiyeh Celik (Recursion) (2:30-3:00) ● Cristopher Probert (Conflux) (3:00-3:30)
3:30 PM – 4:00 PM	Coffee Break & Exhibit Viewing
4:00 PM – 4:45 PM	Session 2: Advancements in AI and Foundation Models (part 2) <ul style="list-style-type: none"> ● Lukas Fischer (Merck) (4:00-4:30) ● Exhibitor Spotlight - Glencoe (4:30-4:45)
4:45 PM – 7:30 PM	Poster Session, Exhibit Viewing, & Reception

Wednesday, October 29th

7:30 AM	Check-in opens
8:00 AM – 5:00 PM	Exhibit Hall Opening
9:00 AM – 10:00 AM	Keynote Speaker: Anne Carpenter (Broad) <i>Cell Painting to accelerate drug discovery</i>
10:00 AM – 10:15 PM	Exhibitor Highlight - Revvity
10:15 AM - 10:45 PM	Coffee Break & Exhibit Viewing
10:45 AM - 12:45 PM	Session 3: Technological Innovations in Screening <ul style="list-style-type: none"> ● Thomas Hofstetter (Insphero) (10:45-11:15) ● Ophir Shalem (U Penn) Rafael Carazo Salas (Bristol U, UK) (11:15-11:45) ● Rafael Carazo Salas (Bristol U, UK) (11:45-12:15)

- Exhibitor Spotlight – Yokogawa (12:15-12:30)

12:45 PM- 1:45 PM

Lunch & Learn Sponsored Sessions

- Zeiss and InSphero
- Open

1:45 PM - 3:30 PM

Session 4: Screening Excellence: Insights from Best Case Studies (part 1)

- Jaime Cheah (Broad) (1:45-2:15)
- Simon Mathien (U Montréal) (2:15-2:45)
- Yue Qin (Broad) (2:45-3:15)
- Exhibitor Spotlight – Curia (3:15-3:30)

3:30 PM – 4:00 PM

Coffee Break & Exhibit Viewing

4:00 PM – 5:15 PM

Session 4: Screening Excellence: Insights from Best Case Studies (part 2)

- President's Innovation Award (4-4:30)
- Selected poster presentation(s) - flash talk (10 min talk 4:30-5)
- Award Ceremony: Best Posters (5-5:15)

5:15 PM - 6:15 PM

SBI2 Annual General Meeting (AGM)

The AGM will cover the Society's current status, finances, and open Board positions. The public is encouraged to attend and join as members.

6:15 PM

End of Conference