

Yale Biomedical Engineering Conference

November 4th-5th, 2023

Yale School of Medicine, Sterling Hall of Medicine
333 Cedar St., New Haven, CT

PROGRAM INFORMATION



Schedule

Saturday, November 4

11:00 AM-12:30 PM: Registration + Check In, Harkness Auditorium

1:00-1:30 PM: Welcome Address, Harkness Auditorium

1:30-2:00 PM: Silver Sponsor Presentations, Harkness Auditorium

2:00-4:00 PM: Career Fair, Harkness Ballroom

4:00-4:30 PM: Coffee + Snack Break, Hope Memorial Building 110

4:30-5:30 PM: Biotech VC/Startups Panel, Hope 110

5:30-6:30 PM: Med School Panel, Hope 216

7:00-8:00 PM: Keynote Speaker, Harkness Auditorium

8:00-10:00 PM: Dinner, Harkness Ballroom

Sunday, November 5

11:00 AM-12:00 PM: Brunch, Café Med

12:00-1:00 PM: Research Symposium, Harkness Ballroom

1:30-2:30 PM: *Bench to Bedside* Lecture, Harkness Auditorium

2:30-3:00 PM: Coffee + Snack Break, Hope Memorial Building 110

3:00-4:00 PM: Graduate School Panel, Hope 110

4:00-5:00 PM: Industry Panel, Hope 216

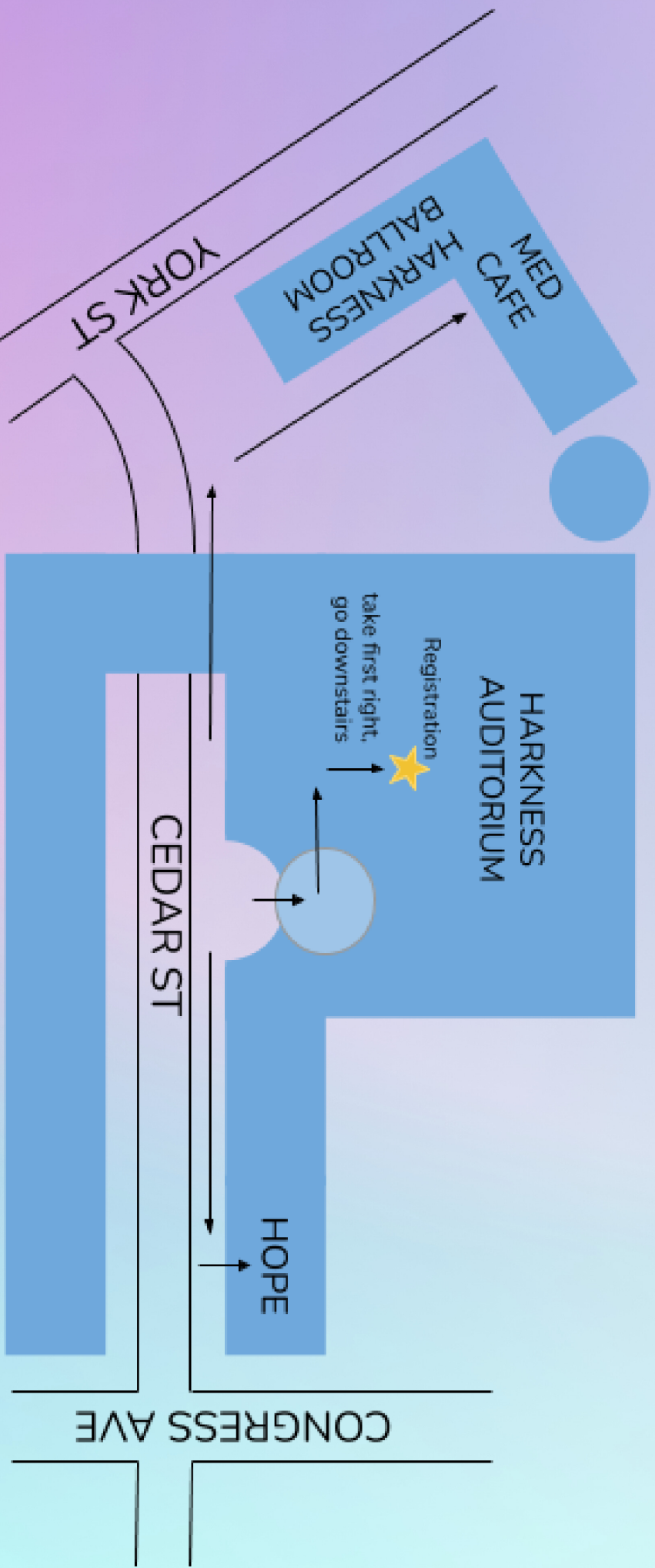
5:00-6:00 PM: Closing Address, Harkness Auditorium

Map

Registration/Harkness Auditorium: Sterling Hall of Medicine, 333 Cedar St., New Haven, CT.

Cafe Med/Harkness Ballroom: 367 Cedar St.

Hope Memorial Building: 315 Cedar St.



Keynote Speaker



Dr. Benjamine Liu
CEO, TrialSpark
YC'12

Dr. Benjamine Liu is the co-founder and CEO of TrialSpark, a technology company that is reimagining drug development. Liu graduated from Yale with a B.S. in Biology and was selected to study at the University of Oxford as a Rhodes Scholar. He earned a M.Phil. from the University of Cambridge, and D.Phil. in computational biology and psychiatry from Oxford. His doctoral thesis leveraged machine-learning, AI, and healthcare big-data – genomics, proteomics, transcriptomics, metabolomics, imaging – to develop diagnostics and therapeutics for Parkinson’s and Alzheimer’s disease.

TrialSpark has built a technology platform that optimizes all aspects of clinical drug development, enabling more efficient trial design, faster trial completion, and higher quality trial data. The company acquires clinical-stage drugs from pharmaceutical and biotech companies and develops them faster, unlocking greater value per program and accelerating access to new treatments for patients. TrialSpark is backed by leading investors, including Sam Altman, Sequoia Capital, Michael Moritz, John Doerr, and Thrive Capital.

Speakers



Opening Address

Vincent Wilczynski, PhD

*Deputy Dean, Yale School of
Engineering & Applied Science*

*James S. Tyler Director of the Center for
Engineering Innovation & Design*



Bench to Bedside

Laura Niklason, MD PhD

*Nicholas M. Greene Professor in Yale
Anesthesia and Biomedical Engineering*

CEO, Humacyte



Closing Address

Mark Saltzman, PhD

*Founding Chair, Yale Biomedical
Engineering Department*

*Goizueta Foundation Professor of
Biomedical and Chemical Engineering at
Yale University*

Panelists

Biotech/VC Startups Panel

Janani Ramaswamy, PhD, *Yale Ventures*

Andrew Hudak, *Nucleate*

Stuart Campbell, PhD, *Propria*

Jenna DiRito, PhD, *Revalia Bio*

Med School Panel

Ryland Mortlock, Yale MD-PhD candidate

Matteo Rosati, Yale MD student, YC '14

Jacob Garetti, Yale MD student, YC BME '22

Hanya Qureshi, Neurosurgery Resident, Yale MD

Laura Polding, YNHH Hospital Resident, MD

Graduate School Panel

Alaaddin Ibrahimy, PhD candidate

Micha Sam Raredon, MD, PhD, YC BME '11

Saiti Halder, PhD candidate

Shreya Saxena, PhD

Industry Panel

Professor Rong Fan, PhD, *AtlasXomics*

Aurelie Moutran, *Arvinas*

Haley Strassner, *Medtronic*

Marcos Ortiz, *PWC*

Research Symposium

Judges

Katheryn Miller-Jensen, PhD

Cristina Rodriguez, PhD

Lawrence Staib, PhD

Tarek Fahmy, PhD

Participants

Yale University: Jaweria Bakar, Hannah Barsouk, Ryan Bose-Roy, Awa Cisse, Karthik Desingu, Edward Kong, Nicole Massoumi, Siddiq Mohammed, Shreya Nuli, Oliver Santiago-Kermani, Emily Shang, William Wang

Brown University: Mayayi Izzo, Rachel Rowey, Francesca Vecchio

Boston University: Varun Shah, Xiaolei Song

University of Massachusetts: Isabella MacNaughton, Naaz Thotathil

George Mason University: Berk Kasimcan, Karmel Webster

Cornell University: Jun Ni

Columbia University: Ruiting (Carol) Xu

Sponsors

AtlasXomics



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Contact

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Acknowledgements

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