



Dr. Samuel M. Nabrit

Conference for Early Career Scholars

An inclusive event for molecular life scientists

June 5-6, 2025
Brown University, Providence RI



Preliminary program

Thursday, June 5

2:00 - 3:10 pm Opening session with keynote address

A scientific journey: serendipity, success and cell signaling

JoAnn Trejo, Ph.D.

3:10 - 3:45 pm Invited short research talks and lightning talk (Cedeño-Rosario, Montes)

3:45 - 4:00 pm Coffee break

4:00 - 5:15 pm Panel discussion moderated by Audra van Wart, Ph.D.

From campus to community: effective public engagement and career development strategies

5:15 - 6:00 pm Local Showcase reception

Friday, June 6

9:00 – 10:00 am Invited short research talks (Towsif, Shaver, Sohn, Francis)

10:00 - 10:10 am Coffee break

10:10 – 10:30 am Lightning talks for posters

10:30 – 11:30 am Keynote address

Regulation of non-muscle myosin II contractility

Derek Applewhite, Ph.D.

11:30 am–12:30 pm Poster session

12:30 – 2:00 pm Lunch and informal poster viewing

2:00 – 3:00 pm	Invited short research talks (Venkat, Aragon, Kelley, Brown)
3:00 - 3:15 pm	Coffee break
3:15 – 4:45 pm	Panel discussion moderated by Samara Cummings & Sebastian Millien
	<i>Resilience and community in uncertain times</i>
4:45 pm	Closing remarks

Invited Short Talks

Luis Cedeño-Rosario, Ph.D., University of Utah

Regulation of the mitochondrial pyruvate carrier by the Wnt/ β -catenin pathway rewires mitochondrial metabolism

Iris Montes, Tufts University

The p97-UBXD8 complex maintains peroxisome abundance by suppressing pexophagy

Ekramuddin Towsif, Emory University

Effects of cyclase-associated protein (Srv2/CAP) on actin filament ends

Amanda Shaver, Ph.D., Johns Hopkins University

*Independent mechanisms of benzimidazole resistance across *Caenorhabditis nematodes**

Claira Sohn, University of Texas San Antonio /Brown University

Tau-induced disruption of nuclear mechanotransduction

Gregory Francis Jr. New York University

OSBP inactivation synergizes with GPX4 inhibition to trigger ferroptosis

Aarthi Venkat, Ph.D., Broad Institute of MIT and Harvard

Dissecting cellular and molecular mechanisms of pancreatic cancer

Ingrid Rodriguez Aragon, University of Minnesota

Role of p53 in doxorubicin-induced senescence in human breast epithelial cells

Kristina Kelley, Boston College

Uncovering a potential link between a microbiota-derived metabolite and pediatric celiac disease

Abigail Brown, Ph.D., Princeton University

Deciphering the molecular mechanisms underlying learned pathogenic avoidance