



Dr. Samuel M. Nabrit

Conference for Early Career Scholars

An inclusive event for molecular life scientists



BROWN

MONDAY, AUGUST 3

Hosted on Zoom

1–1:10 p.m.

MCB Department Chair's Welcome and Introductions
Kimberly Mowry, Ph.D.
Biographical Sketch of Dr. S. M. Nabrit - Lynae Brayboy, M.D.

1:10–2:10 p.m.



Opening Keynote Address
Breann Brown, Ph.D.
Vanderbilt University
*Control of protein function by assembly:
implications for combating stress and disease*

2:15–3 p.m.

Invited Research Talks
Florentine Rutaganira, Ph.D. University of California, Berkeley
Kinase chemical genetics in the closest living relatives of animals
Aleena Arakaki, University of California, San Diego
*The α -Arrestin ARRDC3 functions in suppressing metastasis
by regulating GPCR-Hippo signaling in breast cancer*
Antentor Hinton, Ph.D. University of Iowa
Mitochondrial networking in times of integrated stress

3–3:30 p.m.

Lightning Talks for Poster Session

3:35–4:30 p.m.

Faculty Panel
Finding the right home for your research career: where does diversity fit in?
Moderator: Lynae Brayboy, M.D.
Panelists: Michelle Dawson, Ph.D. and Johnny Guzman, Ph.D.

TUESDAY, AUGUST 4

Hosted on Zoom

1–3 p.m. Poster Session A

3:15–4:15 p.m.



Keynote Address
Saul Villeda, Ph.D.
University of California, San Francisco
Molecular mechanisms of brain rejuvenation

4:20–5:20 p.m.

Invited Research Talks
Rossie Clark-Cotton, Duke University
Courtship is a two-way conversation: yeast mating as a model of cell-cell communication
Kerry Roby, University of Pennsylvania
Loss of p19Arf promotes fibroblast survival during leucine deprivation, enhancing tumor progression
Ericka Surratt, Pennsylvania State University
Homologous transcription factors activate Qrr1 expression in the bacterial symbiont Vibrio fischeri
Laura Corrales-Diaz Pomatto, Ph.D. National Institute of Aging
4:10 cycles of very low calories protect against tumor xenografts, but not metastases in the absence of chemotherapy

WEDNESDAY, AUGUST 5

Hosted on Zoom

1–1:45 p.m.

Invited Research Talks
David Johnson, Cold Spring Harbor Laboratory
Elucidating BRPF1's role in maintaining cell viability in glioblastoma multiforme
Blanca Rodriguez, Duke University
Staphylococcus aureus secretes immunomodulatory RNA and DNA via membrane vesicles
Biafra Ahanonu, Ph.D., University of California, San Francisco
Illuminating neural circuit dynamics of pain processing with in vivo brain imaging and computational techniques

1:45–2:15 p.m.

Lightning Talks for Poster Session

2:20–3:20 p.m.

Junior Researchers' Roundtable
Empowering for shared prosperity in STEM: bringing your authentic self to work
Moderators: Abigail Brown and Amanda Elyssa Ruiz
Panelists: Aleena Arakaki, Antentor Hinton, Blanca Rodriguez and Florentine Rutaganira

3:30–5:15 p.m.

Poster Session B

5:20–5:30 p.m.

Closing Remarks



Dr. Samuel M. Nabrit

Conference for Early Career Scholars

An inclusive event for molecular life scientists



Dr. Samuel Milton Nabrit

1905–2003

An accomplished marine biologist with a distinguished international career, Samuel Milton Nabrit was Brown University's first African-American Ph.D. recipient and first African-American trustee. Dr. Nabrit's scientific papers remained influential for many years and are still cited today in journals including *Regeneration*, *Mechanisms of Development*, and *Developmental Cell*; he also published a number of important papers on graduate and professional education for African Americans. A 1925 graduate of Morehouse College, he studied regeneration in fish tail fins in the doctoral program in biology at Brown and at the Marine Biological Laboratory in Woods Hole, Massachusetts. Dr. Nabrit served as a professor of zoology and then chair of the biology department at Morehouse from 1932 to 1947. He became dean of the graduate school of arts and sciences at Atlanta University in 1947, as well as a member of the Marine Biological Laboratory Corporation. In 1955 Dr. Nabrit was named the second president of Texas Southern University. He served in a number of national and international roles, including a special ambassadorship, membership on the National Science Board, the Atomic Energy Commission, and the Institute of Medicine (now the National Academy of Medicine), as well as leadership roles in Upward Bound and the Southern Fellowship Fund.

Organizing Committee

Lynae Brayboy M.D., Abigail Brown, Alison DeLong Ph.D., Phyllis Dennerly M.D., Diego Jaime, Mark Johnson Ph.D., Amanda Elyssa Ruiz, Sarah Shipley

Sponsors

Brown's Office of Institutional Equity and Diversity, the Dean of the Faculty, the Graduate School, the Office of Graduate and Postdoctoral Studies, the Brown Center for the Molecular Biology of Aging, the Brown/HHMI STEM Initiative, and the MCB Department.