

Hosted by the Department of Molecular Biology,
Cell Biology and Biochemistry

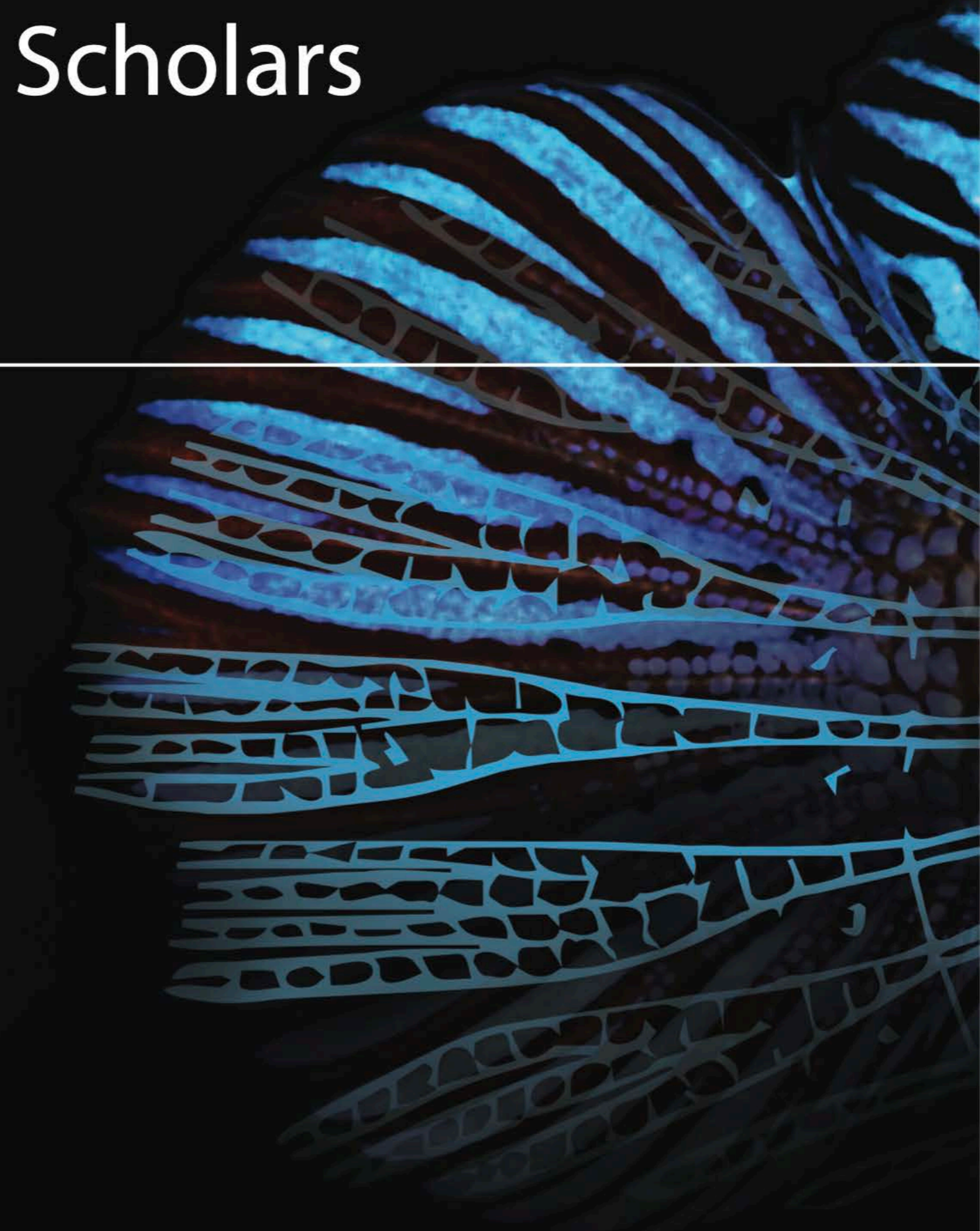
5TH ANNUAL

Dr. Samuel M. Nabrit
Conference
for Early Career Scholars
at Brown University

June 8 – 9, 2023
Providence, Rhode Island



BROWN



Dr. Samuel M. Nabrit Conference for Early Career Scholars at Brown University

SIDNEY FRANK HALL, 185 MEETING ST.

THURSDAY, JUNE 8

2 p.m.	MCB Department Chair's Welcome and Introductions - Kimberly Mowry, Ph.D. Biographical Sketch of Dr. S. M. Nabrit, Ph.D. - Myles Bartholomew	SFH220
2:15 p.m.	Keynote Address Alejandro Sánchez Alvarado, Ph.D. (Stowers Institute) <i>Dissecting the Biological Complexity of Animal Regeneration</i>	
3:20 p.m.	Panel Discussion: Preparing for Roles in Academic Leadership Moderator: Logan Gin, Ph.D. (Assistant Director for STEM, Sheridan Center for Teaching & Learning) Panelists: Stacey Lawrence, Ph.D. (Senior Assoc. Director for STEM Initiatives, Sheridan Center for Teaching & Learning) Chloe Poston, Ph.D. (Associate Vice President for Strategic Initiatives, Dartmouth University) Kimani Toussaint, Jr., Ph.D. (Senior Assoc. Dean for Research and Strategic Initiatives, School of Engineering)	
4:30 p.m.	Coffee Break	
4:40 p.m.	Stephanie Villa-Niemczyk, Ph.D. (University of Illinois at Chicago) <i>Inhibition of endothelial Notch signaling preserves cognition in an Alzheimer's disease model</i>	
4:55 p.m.	David Anaguano (University of Georgia) <i>Plasmodium falciparum requires two rhoptries to invade host red blood cells</i>	
5:10 p.m.	Moses Leavens, Ph.D. (McLaughlin Research Institute for Biomedical Sciences) <i>A sensitive and selective superoxide dismutase 1 real time quaking induced conversion assay for amyotrophic lateral sclerosis</i>	
5:30 p.m.	Reception	SFH Atrium

FRIDAY, JUNE 9

9:30 a.m.	Morning Welcome and Introductions Teresita Padilla-Benavides, Ph.D. (Wesleyan University) <i>CSR2, a novel copper binding protein that regulates myoblast proliferation</i>	SFH220
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9:45 a.m.	Cristina Roman-Vendrell (Marine Biological Laboratory) <i>Illuminating mechanisms of synaptic dysfunction in Parkinson's disease using a model vertebrate synapse</i>	
10:00 a.m.	Sorel Ouonkap Yimga (Brown University) <i>Enhanced pollen tube fitness was selected during breeding of tomato varieties that set fruit at elevated temperature</i>	
10:15 a.m.	Vanessa Mondol, Ph.D. (Yale University) <i>Elucidating the roles of viral noncoding RNAs in latency and reactivation of an oncogenic herpesvirus</i>	
10:30 a.m.	Heather Bennett, Ph.D. (Trinity College) <i>Investigating the role of neuropeptide Signaling in anoxia in C. elegans</i>	
10:45 a.m.	Coffee Break	
11:00 a.m.	Poster Session	SFH Atrium
12:15 p.m.	LUNCH AND INFORMAL POSTER VIEWING	
1:30 p.m.	Keynote Address Cassandra Extavour, Ph.D. (Harvard University) <i>A Multidisciplinary Approach to the Evolution of Reproduction</i>	SFH220
2:30 p.m.	Heather K. Beasley, Ph.D. (Vanderbilt University) <i>3SLC25A46 as a novel mitochondrial regulator and biomarker in breast cancer</i>	
2:45 p.m.	Erik Guillen (Albert Einstein College of Medicine) <i>Impact of T cell receptor signaling on memory CD8+ T cell functional programming</i>	
3:00 p.m.	Latisha Franklin (Pennsylvania State University) <i>Modeling purine nucleotide cycle disorders using C. elegans</i>	
3:15 p.m.	Shanelle Reilly (Brown University) <i>The characterization of MCMV specific Qa-1-restricted CD8+ T cells</i>	
3:30 p.m.	Coffee Break	
3:45 p.m.	Early Career Researchers' Roundtable <i>Starting on a successful path: bringing your authentic self to work</i> Moderators: Amanda Elyssa Ruiz and Myles Bartholomew Panelists: Heather K. Beasley, Ph.D. (Vanderbilt University) Erik Guillen (Albert Einstein College of Medicine) Sorel Ouonkap (Brown University) Latisha Franklin (Pennsylvania State University)	
5:00 p.m.	Local Showcase Reception	SFH Atrium

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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

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Sponsors

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Cover artwork inspired by S.M. Nabrit (1929) *Biological Bulletin*