

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

SIDNEY FRANK HALL, 185 MEETING ST.

## THURSDAY, JUNE 6

|           |   |                   |
|-----------|---|-------------------|
| 2 p.m.    | <b>MCB Department Chair's Welcome and Introductions - Kimberly Mowry, Ph.D.</b><br>Biographical Sketch of Dr. S. M. Nabrit, Ph.D. - Myles Bartholomew   | <b>SFH 220</b>    |
| 2:10 p.m. | <b>Keynote Address</b><br><b>Blanton S. Tolbert, Ph.D. (University of Pennsylvania and Howard Hughes Medical Institute)</b><br><i>An Affinity for RNA Biology and Advancing Equity and Inclusion: A Look Back</i>                   |                   |
| 3:10 p.m. | <b>Short Break</b>  |                   |
| 3:20 p.m. | <b>Leeza Santiago Millan (Harvard University)</b><br><i>Revealing the biology of long non-coding RNAs through discovery of their interacting proteins</i>   | <b>SFH 220</b>    |
| 3:35 p.m. | <b>Timothy Hines, Ph.D. (The Jackson Laboratory)</b><br><i>ATF4 as a therapeutic target for Charcot-Marie-Tooth disease type 2D</i>   |                   |
| 3:50 p.m. | <b>Paola Giusti-Rodriguez, Ph.D. (University of Florida)</b><br><i>Latin American Genomics Consortium: Meaningful partnerships to advance psychiatric genomics in Latin America</i>   |                   |
| 4:05 p.m. | <b>Short Break</b>  |                   |
| 4:15 p.m. | <b>Panel Discussion:</b><br><i>All paths are open: Strategies for success in graduate school and beyond</i><br>Moderator: Alycia Mosley Austin, Ph.D.<br>Panelists: Sonia Mayoral, Ph.D., Lucas Caretta, Ph.D., Ayed Allawzi, Ph.D. | <b>SFH 220</b>    |
| 5:30 p.m. | <b>Local Showcase Reception</b>   | <b>SFH Atrium</b> |

## FRIDAY, JUNE 7

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| 9 a.m. | <b>Welcome and Introductions</b><br><b>Maria Fernanda Forni, Ph.D. (Yale University)</b><br><i>Metabolic regulation of cell fate and function in mammalian skin: Implications for tissue homeostasis and aging</i> | <b>SFH 220</b> |
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| 9:15 a.m.  | <b>JP Flores (University of North Carolina at Chapel Hill)</b><br><i>Hyperosmotic stress induces complete rewiring of chromatin interactions</i>   |                   |
| 9:30 a.m.  | <b>Amy Leslie (University of California, Davis)</b><br><i>IGFBP3 signaling promotes resistance to next-generation antiandrogens therapeutics (NGAT) in advanced prostate cancer</i>                                    |                   |
| 9:45 a.m.  | <b>Marco Carpenter, Ph.D. (Children's Hospital of Philadelphia)</b><br><i>Unique features of the fetal brain permit non-viral mRNA delivery</i>  |                   |
| 10 a.m.    | <b>Coffee Break</b>  | <b>SFH Atrium</b> |
| 10:15 a.m. | <b>Lightning Talks for Poster Session</b>  | <b>SFH 220</b>    |
| 10:30 a.m. | <b>Keynote Address</b><br><b>Sherilynn Black, Ph.D. (Duke University)</b><br><i>Pursuing Systemic Change in the Academic Ecosystem</i>   |                   |
| 11:30 a.m. | <b>Poster Session</b>  |                   |
| 12:30 p.m. | <b>LUNCH AND INFORMAL POSTER VIEWING</b>   |                   |
| 2 p.m.     | <b>Anabel Flores, Ph.D. (California Baptist University)</b><br><i>Host pathogen interactions between the innate immune system and Listeria and Salmonella</i>  | <b>SFH 220</b>    |
| 2:15 p.m.  | <b>Nakea Pennant (Clark Atlanta University)</b><br><i>CXCR4/CB2 heterodimer antagonizes CXCR4-mediated metastasis and tumor growth in vivo</i>   |                   |
| 2:30 p.m.  | <b>Jason Marvin, Ph.D. (Massachusetts General Hospital)</b><br><i>The role of the innate immune response in regulating regeneration of the adult zebrafish enthesis</i>  |                   |
| 2:45 p.m.  | <b>Silverio Johnson (Brown University)</b><br><i>Dilute swimmers have different run-and-tumble motility than planktonic swimmers in Enterobacter sp. SM3</i>   |                   |
| 3 p.m.     | <b>Colwyn Headley, Ph.D. (Stanford University)</b><br><i>Rescuing aging-associated immune dysfunctions via mitochondrial transplantation</i>   |                   |
| 3:15 p.m.  | <b>Coffee Break</b>  | <b>SFH Atrium</b> |
| 3:30 p.m.  | <b>Early Career Researchers Panel Discussion</b><br><i>Charting your course</i><br>Moderators: Kimberly Meza and Samara Cummings<br>Panelists: Marco Carpenter, Ph.D., JP Flores, Colwyn Headley, Ph.D., Nakea Pennant | <b>SFH 220</b>    |
| 4:45 p.m.  | <b>Closing Remarks</b>   |                   |
| 5 p.m.     | <b>Reception</b>   | <b>SFH Atrium</b> |