FRONTIERS IN ALZHEIMER’S AND AGING RESEARCH (FrAAR)

A National Institutes of Health (NIH) & National Institute of Aging (NIA) sponsored research education program

May 12 – May 17, 2019
Hugh Gloster Building (Room B-219)

Monday, May 13, 2019
9:00 a.m. Theme: Biology of Aging

Tuesday, May 14, 2019
9:00 a.m. Theme: Models for Studying Aging

Wednesday, May 15, 2019
10:15 a.m. Theme: Models for Studying Aging (con’t)/Neurodegeneration and Brain Aging

Thursday, May 16, 2019
9:00 a.m. Theme: Brain Aging & Alzheimer’s Research

Friday, May 17, 2019
1:00 p.m. Theme: Mentorship/Imposter Syndrome

In partnership with National Institutes of Health/National Institute on Aging Magee-Women’s Research Institute and Foundation and Xavier University of Louisiana

Faculty, staff, students, and other members of Atlanta Biomedical community are encouraged to attend
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Monday, May 13, 2019
Theme: Biology of Aging

9:00 a.m. Pioneer Lecture:
How healthy is the healthspan concept?
Matt Kaeberlein, Ph.D.-University of Washington, Seattle

9:45 a.m. Lecture:
Chronic obstructive pulmonary disease and the hallmarks of aging
Kristina Bailey, M.D.-University of Nebraska Medical Center, Omaha

10:30 a.m. Break

11:00 a.m. Lecture:
Cellular senescence and the biology of aging, disease, and frailty
Nathan LeBrasseur, MS, Ph.D.-Mayo Clinic, Rochester

12:00 p.m. Lunch

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Welcome to
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Tuesday, May 14, 2019
Theme: Models for Studying Aging

9:00 a.m. Lecture:
Mice as a model organism to study aging
Laura Niedernhofer, M.D., Ph.D. - University of Minnesota, Minneapolis

9:45 a.m. Lecture:
African killifish as a model to identify new principles underlying vertebrate aging
Bérénice Benayoun, Ph.D. - University of Southern California, Los Angeles

10:30 a.m. Break

11:00 a.m. Lecture:
Sea urchins as models for aging and regeneration research
Andrea Bodnar, Ph.D. - Gloucester Marine Genomics Institute, Gloucester

12:00 p.m. Lunch

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WELCOME TO
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Wednesday, May 15, 2019
Theme: Models for Studying Aging (con’t) / Neurodegeneration and Brain Aging

10:15 a.m. Lecture:
C. elegans as a model for aging research
Matt Gill, Ph.D. - Scripps Research Institute, Jupiter

11:00 a.m. Lecture:
Tau protein aggregation is associated with cellular senescence in the brain
Miranda Orr, Ph.D. - UT Health San Antonio, San Antonio

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Thursday, May 16, 2019

Theme: Brain Aging & Alzheimer’s Research

9:00 a.m. Lecture:
Parkinson’s disease and aging: lessons from the environment
Gary Miller, Ph.D. - Columbia University, New York

9:45 a.m. Lecture:
Brain aging and Alzheimer’s disease
Russell Swerdlow, M.D. - University of Kansas School of Medicine, Kansas City

10:30 a.m. Break

11:00 a.m. Lecture:
Understanding the impact of sex and gender in Alzheimer’s disease: a call to action
Michelle Mielke, Ph.D. - Mayo Clinic, Rochester

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Friday, May 17, 2019
Theme: Mentorship/Imposter Syndrome
Please note this is a closed session

1:00 p.m. Lecture:
Mentorship and sponsorship in the neurosciences and beyond
Nneka Ifejika, M.D., MPH - UT Southwestern Medical Center, Dallas

2:00 p.m. Lecture:
Imposter Syndrome
Jennifer Villwock, M.D. - University of Kansas Medical Center, Kansas City

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