

**2019 Symposium on Aging Research:
Translating Discovery to Therapy
Medical College of Georgia, Augusta University
February 26, 2019, BC1400 (small auditorium)**



9:00-9:20 Welcome & Introduction to the Center for Healthy Aging

Session 1: Advances in bone biology & nutrition

9:20-9:40 Harry Blair - **"New insights on bone replacement mechanisms: Implication for the aging skeleton"**
University of Pittsburgh Medical Center

9:40-10:00 Gustavo Duque - **"Osteosarcopenia: Where bone, muscle and fat collide"**
University of Melbourne, Australia

10:00-10:20 Serge Ferrari - **"Molecular regulation of bone modelling by remodelling mechanism"**
Geneva University Hospital, Switzerland

10:20-10:40 BREAK

10:40-11:00 Karl Insogna - **"Dietary Calcium: Bad to the Bone?"** *Yale University School of Medicine*

11:00-11:20 Mary Ann Johnson - **"Georgia Centenarian Study – Nutrition"** *University of Nebraska*

11:20-11:40 Ian Reid - **"Preventing Fractures in Women Who Don't Have Osteoporosis"**
University of Auckland, New Zealand

Session 2: Working lunch-Graduate Student Research in Musculoskeletal Aging

12:00-12:20 Mackenzie Hagan (McGee-Lawrence Lab) **"Aging enhances osteocyte plasma membrane repair"**

12:20-12:40 Helen Kaiser (Hamrick Lab) **"Inhibition of kynurenine production protects skeletal muscle from the age-related loss of mass and strength"**

12:40-1:00 Jessica Pierce (McGee-Lawrence Lab) **"Glucocorticoid signaling plays a critical role in osteoprogenitor function and the response of bone to metabolic stress"**

Session 3: Research on brain aging, dementia, and neurodegeneration

1:00-1:20 David Hess - **"Vascular Dementia and Brain Aging"** *Augusta University*

1:20-1:40 Allan Levey - **"Racing to 2025 to Develop New Treatments for Alzheimer's Disease"**
Emory University School of Medicine

1:40-2:00 Audrey Duarte - **"The Multifaceted Nature of Age-Related Episodic Memory Impairments"**- *Georgia Institute of Technology*

2:00-2:20 Alvin Terry - **"Developing Therapeutic Strategies to Target Age-Related Cognitive Impairments Using Rodent and Non-Human Primate Models"** *Augusta University*

2:20-2:40 Break

Session 4: Collaborative research & funding opportunities

2:40-3:00 Mark Hamrick - **"Center for Healthy Aging: Mission & Vision"** *Augusta University*

3:00-3:30 John Williams - **"Funding Opportunities at NIA"** *National Institutes of Health*

3:30-4 pm DISCUSSION and next steps

6 pm-8 pm RECEPTION: Enterprise Mill, 1450 Greene St. Suite 600, Augusta, GA 30901, 706-733-1740