

2019 Oklahoma Geroscience Symposium

The Role of Inflammation in Aging and Age-Associated Diseases

Oklahoma City April 24, 2019

Location: OMRF Wileman Auditorium, 825 NE 13th St. Oklahoma City

Travel Awards for best poster presented to Pre and Post-Doctoral Fellows: Register at gerosciencemeeting.omrf.org

Session 1. Inflammation and Aging

7:45-8:30 Light Breakfast

8:30 Arlan Richardson, Ph.D., Director of the Oklahoma Nathan Shock Aging Center, Introduction/Welcome

8:45-9:15 Vishwa Deep Dixit Ph.D., Professor of Comparative Medicine and of Immunobiology, Yale University: *"Non-Immunological Functions of Adipose Resident Immune System During Lifespan"*

9:15-9:45 Deepa Sathyaseelan, Ph.D., Assistant Professor of Geriatric Medicine, OUHSC: *"Does Necroptosis Play a Role in Inflammaging?"*

9:45-10:15 James Kirkland, M.D./Ph.D., Professor of Medicine and Director of the Kogod Center on Aging, Mayo Clinic: *"Cellular Senescence, Inflammation, and Senolytic Agents: The Path to Translation"*

10:15-10:45 Coffee Break

Session 2. Pathways Leading to Inflammation

10:45-11:15 Dawn Bowdish, Ph.D., Associate Professor of Pathology and Molecular Medicine, McMaster University: *"The Microbiome is a Driver of Age-Associated Inflammation"*

11:15-11:45 Jacqueline Stephens, Ph.D. Professor of Biological Sciences, Louisiana State University: *"Emerging Roles of the JAK-STAT Signaling Pathway in Adipocyte Function, Inflammation, and Insulin Sensitivity"*

11:45-1:00 Lunch provided for participants

Session 3. Inflammation and Age-associated Diseases

1:00-1:30 Timothy M. Griffin, Ph.D., Associate Member, OMRF: *"Role of Metabolic Regulation of Inflammation in Osteoarthritis"*

1:30-2:00 Linda J. Van Eldik, Ph.D., Professor and Director, Sanders-Brown Center on Aging, University of Kentucky. *"Targeting Dysregulated Neuroinflammation in Alzheimer's Disease"*

2:00-2:30 Jeremy Walston, M.D., Professor of Medicine and Director of the Older Americans Independence Center, Johns Hopkins University: *"Chronic Inflammation in Older Adults: Measuring the Phenotype"*

2:30-4:00 Poster session

4:00-5:00 Keynote Speaker: Luigi Ferrucci, M.D./Ph.D., Scientific Director of the Intramural Research Program at the National Institute on Aging: *"Blood Inflammatory Mediators and Aging: Causes and Consequences"*