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 Aignaling 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: “Role of inflammation in frailty”

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”

Hosted by the Oklahoma Nathan Shock Center & Oklahoma Medical Research Foundation

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

**Sponsored by:** University of Oklahoma Health Sciences Center VPR Office, OKC-VA Medical Center, Reynolds Oklahoma Center on Aging, Oklahoma Medical Research Foundation

**Registration is FREE - gerosciencemeeting.omrf.org**