

# 2019 Oklahoma Geroscience Symposium

## The Role of Inflammation in Aging and Age-Associated Diseases

### Oklahoma City April 24, 2019

#### **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”*

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**Organized by the Oklahoma Nathan Shock Center of Excellence in the Biology of Aging**

**Location:** OMRF Wileman Auditorium, 825 NE 13<sup>th</sup> St. Oklahoma City

**For registration and additional information please navigate to [gerosciencemeeting.omrf.org](http://gerosciencemeeting.omrf.org) or contact Laura Otalora at [Laura-Otalora@ouhsc.edu](mailto:Laura-Otalora@ouhsc.edu)**