

# 2018 Oklahoma Geroscience Symposium

## Oklahoma City, Oklahoma | April 6, 2018

### **Session 1.**

#### ***Insulin/IGF1 Signaling and Contributions to Lifespan Regulation***

7:45-8:15

Light Breakfast

8:15-8:30

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

8:30-9:00

**Marc Tatar, Ph.D.**, Professor of Ecology and Evolutionary Biology, Brown University  
*"Mechanisms of aging regulation by insulin/IGF signaling in Drosophila"*

9:00-9:30

**Andrzej Bartke, Ph.D.**, Professor of Physiology, Southern Illinois University School of Medicine  
*"Role of insulin sensitivity in aging"*

9:30-10:00

**Yousin Suh, Ph.D.**, Professor Department of Genetics, Einstein College of Medicine  
*"IGF1 receptor signaling in human centenarians"*

10:00-10:30

Coffee Break

### **Session 2.**

#### ***Effects of Insulin and IGF1 on Brain Function***

10:30-11:15

**William E. Sonntag, Ph.D.**, Professor of Geriatric Medicine and Director Reynolds Oklahoma Center on Aging, OUHSC

*"The effect of reduced IGF1 expression on healthspan and longevity of mice"*

11:15-12:00

**William Banks, M.D.**, Professor of Internal Medicine, University of Washington  
*"Effect of insulin on brain functions"*

12:00-12:45

Lunch (Provided for registered participants)

12:45-1:45

Poster Session

### **Session 3.**

#### ***Insulin/IGF1 Resistance and Aging***

1:45-2:15

**Jian-xing Ma, M.D./Ph.D.**, Professor and Chair of Physiology, OUHSC

*"New insights into the role of insulin signaling in age-related retinal degeneration"*

2:15-2:45

**Pinchas Cohen, M.D.**, Dean Davis School of Gerontology, University of Southern California

*"Role of mitochondrial-derived peptides in insulin resistance and aging"*

2:45-3:15

**Nick Musi, M.D.**, Professor of Medicine and Director of the Barshop Institute on Longevity and Aging Studies, University of Texas Health Science Center at San Antonio

*"How aging contributes to insulin resistance and diabetes"*

3:15-3:30

Coffee Break

3:30-4:30

**Keynote Speaker, Nir Barzilai, M.D.**, Professor of Medicine and Director Institute for Aging Research, Albert Einstein College of Medicine

*"Paving the road to target aging in humans"*

4:30-5:30

Closing Remarks, Reception and Poster Awards

---

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

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

**Sponsored by:** Presbyterian Health Foundation, University of Oklahoma Health Sciences Center VPR Office, OKC-VA Medical Center, Harold Hamm Diabetes Center, Reynolds Oklahoma Center on Aging & OMRF

**Registration is FREE - [gerosciencemeeting.omrf.org](http://gerosciencemeeting.omrf.org)**