

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 13th 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