2020 Oklahoma GeroScience Symposium

The Role of Proteostasis & Protein Folding in Aging & Age-Related Diseases

Oklahoma City - May 6, 2020

Pathways of Proteostasis

Richard Moriomoto, Ph.D., Professor of Molecular Biosciences, Northwestern University: The Role of Heat Shock Proteins in Aging.

Ursula Jakob, Ph.D., Professor of Molecular, Cellular, and Developmental Biology, University of Michigan: Role of Polyphosphate in Amyloidogenic Processes.

Rong Li., Ph.D., Professor of Cell Biology, Johns Hopkins University: The Role of Mitochondrial-Mediated Proteostasis in the Dissolution of Misfolded Cytosolic Proteins.

Benjamin Miller, Ph.D., Member, Aging & Metabolism Program, OMRF: Protein Synthesis and Breakdown as Energetically Sensitive Modulators of Proteostasis.

David Walker, Ph.D., Professor of Integrative Biology and Physiology, UCLA: Interventions that Induce Mitophagy Improve Proteostasis and Prolong Healthspan.

Role of Proteostasis in Age-Related Diseases

Anna Maria Cuervo, Ph.D., Professor of Developmental and Molecular Biology, Albert Einstein College of Medicine: Autophagy as a Potential Target for Neurodegenerative Disorders.

Jian Li, Ph.D., Assistant Member, Oklahoma Medical Research Foundation: The Role of Heat Shock Transcription Factor 1 in Cancer.

Peter Arvan, M.D., Ph.D., Professor of Internal Medicine, University of Michigan: The Unfolding Story of Proinsulin.

Peter Walter, Ph.D., Professor and Howard Hughes Investigator, Department of Biochemistry and Biophysics, University of California San Francisco. Role of the Unfolded Protein Response in Maintaining Cellular Homeostasis in Age-Related Diseases.

For registration and additional information please navigate to gerosciencemeeting.omrf.org or contact Laura Otalora at Laura-Otalora@ouhsc.edu

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