Dr. Mahadev Murthy Conference on Proteostasis in the Aging Lung

Friday, October 30, 2015
Prentice Women’s Hospital, 250 E Superior, Chicago, IL 60611
3rd Floor Conference Room L North

Organizers: Scott Budinger, MD, Jacob Sznajder, MD, Navdeep Chandel, PhD, Richard Morimoto, PhD, William Balch, PhD

Program

7:45-8:00AM Registration
8:00AM Welcome: Scott Budinger, MD, Douglas Vaughan, MD
8:05-8:40AM Ronald Kohanski, PhD, Deputy Director of the Division of Aging Biology, National Institute on Aging, “Geroscience at the NIH”

Section I: Chairs: Jacob Sznajder, MD, Randy Levinson, PhD
8:45-9:15AM Richard Morimoto, PhD, Professor, Northwestern University, "The Biology of Proteostasis in Aging and Disease"
9:20-9:50AM Oliver Eickelberg, MD, Professor, University of Munich, "Whole Proteome Changes in the Aging Lung"
9:55-10:25AM Anning Lin, PhD, Professor, University of Chicago, "TNF Cytotoxicity: Signaling Mechanism and Computational Modeling"
10:30-10:40AM Coffee Break
Section II: Chairs: Jing Liu, PhD, Weiniu Gan, PhD

10:45-11:15AM Navdeep Chandel, PhD, Professor, Northwestern University, “Metabolic Regulation of Proteostasis”

11:20-11:50AM Augustine Choi, MD, Professor, Cornell University, "Mitochondrial Homeostasis: Regulator of Inflammation and Cell Death in Lung Disease"

11:55-12:25PM Elizabeth J. Kovacs, PhD, Professor, Loyola University, “Aging, Inflamm-aging and the Pulmonary Response to Injury”

12:30PM Poster Set Up

12:30-2:00PM Lunch & Poster Viewing

Poster Chairs: Jing Liu, PhD, Northwestern University, Harris Perlman, PhD, Northwestern University, Karen Ridge, PhD, Northwestern University, Gokhan Mutlu, MD, University of Chicago, Steven Dudek, MD, University of Illinois at Chicago

Section III: Chairs: Navdeep Chandel, PhD, Richard Morimoto, PhD

2:00-2:30PM Douglas Vaughan, MD, Professor, Northwestern University, “The Role of Plasminogen Activator Inhibitor-1 in Senescence and Aging”

2:35-3:05PM Victor Thannickal, MD, Professor, University of Alabama at Birmingham, Proteostasis in Pulmonary Fibrosis: Therapeutic Opportunities”

3:10-3:40PM Scott Budinger, MD, Professor, Northwestern University, “Alveolar Macrophage in Age-Related Lung Disease”

3:45-3:55PM Coffee Break

Section IV: Chairs: Scott Budinger, MD, William Balch, PhD

4:00-4:30PM Jacob Sznajder, MD, Professor, Northwestern University, "Lung Injury, Proteostasis and Muscle Dysfunction"

4:35-5:05PM Alvar Agusti, MD, PhD, Professor, Universitat de Barcelona Spain, “Distinct Molecular Signatures of Emphysema and Bronchiolitis in Chronic Obstructive Pulmonary Disease”

5:10-5:40PM William Balch, PhD, Professor, The Scripps Research Institute, “Adapting Proteostasis for Managing Pulmonary Disease”

5:45-5:55PM Closing Remarks, Richard Morimoto, PhD