

**Advances in Molecular & Cellular Pathology**  
**Seminar Series Tuesdays 12-1 PM**  
**THT 740**  
**Spring 2016 Schedule**

**January 5, 2016**

Chenbi Chang, Ph.D.  
The University of Alabama at Birmingham  
"Cell Migration: New Regulators and Signal  
Crosstalk – Lessons from A Vertebrate Animal Model"

**January 12, 2016**

Sadis Matalon, Ph.D., Dr.Sc. (Hon.)  
The University of Alabama at Birmingham  
"Mechanisms and Modification of Acute Lung Injury and  
Repair: from Environmental Disasters to Acid Aspiration"

**January 19, 2016**

Sean Stowell, M.D., Ph.D.  
Emory University School of Medicine  
"Understanding Fundamental Biological Processes Through  
the Lens of Transfusion Medicine"

**January 26, 2016**

Lalita Shevde-Samant, Ph.D.  
The University of Alabama at Birmingham  
"The Loss of Merlin: Causes and Consequences"

**February 2, 2016**

Jeffrey Robbins, Ph.D.  
Cincinnati Children's Hospital  
"Protein Aggregation and Cardiac Disease: Establishing Cause  
and Effect"

**February 9, 2016**

Malay Basu, Ph.D.  
The University of Alabama at Birmingham  
"Unraveling Novel Biological Paradigms from  
Large-scale Analysis of Cancer Genomes"

**February 16, 2016**

Mukesh K. Jain, M.D.  
Professor of Medicine  
Case Western Reserve University  
"KLFs – nodal regulators of metabolism"

**February 23, 2016**

Andra R. Frost, M.D.  
The University of Alabama at Birmingham  
"A Bioengineering Approach to Modeling Breast  
Cancer In Vitro"

**March 1, 2016**

Tian Rong, MD, PhD  
University of Washington  
"Mitochondrial Function Modulates Cardiac  
Stress Responses"

**March 8, 2016**

Thomas Clemens, PhD  
The Johns Hopkins University, School of Medicine  
"Bone Cell Biogenetics and Global Energy Homeostasis"

**March 15, 2016**

Songtao Shi, DDS, MS, PhD  
University of Pennsylvania  
"Mesenchymal Stem Cells: Disease and Cure"

**March 22, 2016**

**SPRING BREAK-NO SEMINAR**

**March 29, 2016**

Robert A. Kesterson, Ph.D.  
The University of Alabama at Birmingham  
"CRISPRs & Genome Editing: Easy as Pie"

**April 5, 2016**

Jianhua Zhang, Ph.D.  
The University of Alabama at Birmingham  
"Autophagy Regulation in Neurons"

**April 12, 2016**

Sudhir Srivastava, Ph.D., M.P.H.  
NCI  
"It Takes a Village"

**April 19, 2016**

Scott A. Tomlins, M.D., Ph.D.  
University of Michigan School of Medicine  
"Translating the Cancer Genome to the Clinic"

**April 26, 2015**

Hubert M. Tse, Ph.D.  
The University of Alabama at Birmingham  
"The Interplay of Free Radicals and Autoimmune Diabetes"

**May 3, 2016**

Phillip D. Smith, M.D.  
The University of Alabama at Birmingham  
Professor of Medicine and Microbiology  
TBA

**May 10, 2016**

Casey D. Morrow, Ph.D.  
The University of Alabama at Birmingham  
"UAB Microbiome Resource: Precision Medicine to Monitor  
And Repair Microbial Communities"

**May 17, 2016**

Charleen T. Chu, M.D., Ph.D.  
University of Pittsburgh  
"Mechanisms in Mutant LRRK2-Associated Neurodegeneration"

**May 24, 2016**

John C. Chatham, D.Phil.  
The University of Alabama at Birmingham  
"Protein O-GlcNAcylation and Regulation of Cellular Stress  
Responses: An Evolving Story"