Tuesday, October 19th

3:30 PM - 7:00 PM  Registration in the Swope Conference Center

5:00 PM – 7:00PM  ~ Dinner at Swope Center ~

Program 7:00 PM – 9:30 PM  at the Lillie Auditorium

7:00PM – 7:05PM  **Introduction**  
Michael F. Collins, MD  
Chancellor

7:05 PM – 7:45 PM  **Chancellor’s Award for Distinguished Research-Keynote Address**  
“Molecular Pathogenesis of Type 2 Diabetes”  
Michael P. Czech, PhD  
Professor and Chair  
Program in Molecular Medicine  
Isadore and Fannie Foxman Chair in Medical Research

7:45 PM – 9:00 PM  **The Retreat Keynote Talks**
Moderator- *Anthony Carruthers, Ph.D.*

*Four talks by outstanding students:*

“*Neanderthal genomics: shedding light on human adaptation*”  
Jessica Crisci  
Student: Jeffry Jensen Lab

“*Saving an axon from degeneration: the story of Wlds*”  
Michelle Avery  
Student: Marc Freeman Lab

“*A novel role for Itk as a negative regulator in mast cell activation*”  
John Evans III  
Student: Leslie Berg Lab
“Throwing out the TraSH; MTb metabolism Illuminated”
Jennifer Griffin
Student: Chris Sassetti Lab

9:00 PM
- Social at Swope Center –

Wednesday, October 20th

7:30 AM – 8:30 AM
~ Breakfast at Swope Center ~

Program 8:30 AM – 12:05 PM
at the Lillie Auditorium

8:30 AM – 10:10 AM
“Visions for Developmental Biology and Stem Cell Initiatives”
William Theurkauf, Ph.D.
Professor, Program in Molecular Medicine

and

Stephen Doxsey, Ph.D.
Professor, Program in Molecular Medicine

“Assembly of Brain Circuits and the Biological Basis of Vocal Learning”
Carlos Lois, M.D., Ph.D.
Associate Professor, Department of Neurobiology

“Control of Gene Expression in Embryonic Stem Cells by Chromatin Remodeling Proteins”
Thomas Fazzio, Ph.D.
Assistant Professor, Program in Gene Function and Expression

“Cell Cycle Regulation by Ubiquitin Ligases”
Jennifer Benanti, Ph.D.
Assistant Professor, Program in Gene Function and Expression

10:10 AM - 10:25 AM
~ Coffee Break ~

10:25 AM – 12:05 PM
“Visions for the RNA Therapeutics Research Institute”
Victor Ambros, Ph.D.
Professor, Program in Molecular Medicine

and

Melissa J. Moore, Ph.D.
“Context-Dependent Function of MicroRNAs in Neuronal Development and Neurodegenerative Disease”  
**Fen-Biao Gao, Ph.D.**  
Professor, Department of Neurology

**Wednesday, October 20th**

“Structure and Function of the Ribosome”  
**Andrei Korostelev, Ph.D.**  
Assistant Professor of Biochemistry and Molecular Pharmacology

“Small and Bright: Smart Nanomaterials for RNAi and Imaging”  
**Gang Han, Ph.D.**  
Assistant Professor of Biochemistry and Molecular Pharmacology

12:05 PM – 1:15 PM  
~ Lunch at Swope Center ~

**Program 1:30 PM – 4:00 PM**  
*at the Lillie Auditorium*

1:30 PM – 4:00 PM  
“Visions for Immunology Initiatives”  
**Kenneth Rock, Ph.D.**  
Professor and Chair, Department of Pathology

“Visions for Virology Initiatives”  
**Celia Schiffer, Ph.D.**  
Professor of Biochemistry and Molecular Pharmacology

“CD4 T Cell Memory and Protection Against Influenza”  
**Susan Swain, Ph.D.**  
Professor, Department of Pathology

“The Role of CD8 T Cells in the Response to Influenza”  
**Richard Dutton, Ph.D.**  
Professor, Department of Pathology

“From Innate Immunity to Autoimmunity”  
**Ann Rothstein, Ph.D.**  
Professor, Department of Medicine

**Guangping Gao, Ph.D.**  
Professor, Department of Molecular Genetics and Microbiology  
Director, Gene Therapy Center
4:00 PM - 6:30 PM  
* Poster Session at the Swope Center *

5:30 PM - 6:30 PM  
~ Dinner at Swope Center ~

** Wednesday, October 20th **

7:00 PM – 7:15 PM  
** The Dan Mullen Awards for Best Posters **

Presented by: Anthony Carruthers, Professor of Biochemistry and Molecular Pharmacology and Dean, Graduate School of Biomedical Sciences
and

Kendall Knight, Professor of Biochemistry and Molecular Pharmacology and Associate Dean, Graduate School of Biomedical Sciences

7:15 PM - 9:30 PM

“Visions for Diabetes Initiatives”

**David Harlan, M.D.**
Professor, Department of Medicine,
Director, Diabetes Center for Excellence

“Visions for Cardiovascular Initiatives”

**John F. Keaney, M.D.**
Professor, Department of Medicine,
Division Chief, Cardiovascular Medicine

and

**Nathan Lawson, Ph.D.**
Associate Professor, Program in Gene Function and Expression

“Building a Better Battery: Implications of the LRP130 Protein in Energy Metabolism”

**Marcus Cooper, M.D.**
Assistant Professor, Department of Medicine

“Regulation of Gene Expression in Pancreatic Islet Cells: Time for a New Level of Scrutiny?”

**Klaus Pechhold, M.D.**
Associate Professor, Department of Medicine

“Role of the Monocyte/Macrophage Cell Lineage in Obesity-Related Insulin Resistance”

**Olga Hardy, M.D.**
Assistant Professor, Department of Pediatrics
9:30 PM  Adjournment

9:30 PM  - Soirée at Swope Center -

Thursday, October 21st

7:30 AM – 9:00 AM  ~ Breakfast at Swope Center ~

*** 10:30 AM ***  BUS Departure