

SCHEDULE FOR THE DAY

Friday, September 21

**University of Kentucky Cardiovascular Research Day
Lexington Convention Center | Bluegrass Ballrooms**

9:30 am

Guest Check-In Begins | Bluegrass Prefunction

10:00 am

Scientific Session I | Bluegrass Ballroom I

Moderators: Julie Pendergast, Ph.D. and Mary Sheppard, M.D.

10:00 am

Welcoming Comments

Alan Daugherty, Ph.D., D.Sc.

Director, Saha Cardiovascular Research Center

10:05 am

Research Blitz

Aida Javidan | University of Kentucky

Jeff Chalfant | University of Kentucky

Eva Gatineau | University of Kentucky

Bradley Wright | University of Kentucky

Hannah Russell | University of Cincinnati

David Henson | University of Kentucky

Chia-Hua Wu | University of Kentucky

Hisashi Sawada | University of Kentucky

Brooke Ahern | University of Kentucky

Jeff Chen | University of Kentucky

Ya Wang | University of Kentucky

Shayan Mohammadmoradi | University of Kentucky

10:15 am
Trainee Presentations

Hsuan Peng | Graduate Student | Abdel-Latif Lab | Saha
Cardiovascular Research Center
*Polymer Enhance Mesenchymal Stem Cell Retention in the Heart after
Transplantation: Potential Therapeutic Applications*

Dylan Colli | Undergraduate | Kekenos-Huskey Lab | Department of
Chemistry
*A Matched-filter Based Algorithm for Subcellular Classification of T-
system in Cardiac Tissues*

10:45 am
Faculty Presenter
Scott Gordon, Ph.D.

Assistant Professor
Saha Cardiovascular Research Center and Physiology
Lipoproteins in Cardiovascular and Metabolic Diseases

11:05 am
Faculty Presenter
Ming Gong, Ph.D.

Professor, Physiology
*Circadian Rhythms of Blood Pressure and Vascular Function in
Diabetes*

11:25 am
Featured Speaker
Dianna Milewicz, M.D., Ph.D.

President George H.W. Bush Chair of Cardiovascular Medicine
Vice Chair, Department of Internal Medicine
Director, Division of Medical Genetics
Director, Medical Scientist Training Program (MSTP)
Director, John Ritter Research Program
University of Texas Health Science Center at Houston
*Genes Predisposing to Thoracic Aortic Aneurysms and Dissections
Implicate Mechanotransduction as a Primary Driver of the Disease*

12:00 pm
Lunch | Scientific Session II | Bluegrass Prefunction

12:30 pm

Featured Speaker

Mary McDermott, M.D.

Jeremiah Stamler Professor of Medicine
Northwestern University Feinberg School of Medicine
*Peripheral Artery Disease and Functional Impairment: From Basic
Science to Clinical Trials*

1:00 pm

Break

1:15 pm

Poster Session | Bluegrass Ballroom II

1:15 pm

Odd Numbered Posters

2:15 pm

Even Numbered Posters

3:15 pm

Scientific Session III | Bluegrass Ballroom I

Moderator: Donna Arnett, Ph.D. and Nancy Webb, Ph.D.

3:15 pm

Trainee Presentations

Yasir Alsiraj, Ph.D. | Fellow | Cassis Lab | Department of
Pharmacology and Nutritional Sciences
*Inhibition of Nephilysin Attenuates AngII-induced Abdominal Aortic
Aneurysms (AAAs) in Hypercholesterolemic Male Mice*

Oluwabukola Omotola | Graduate Student | Pendergast Lab |
Department of Biology
Estrogen regulates daily metabolic rhythms in female mice

3:45 pm

Distinguished Alumni Presentation

Gregory Graf, PhD

Professor
Department of Pharmaceutical Sciences
College of Pharmacy
University of Kentucky
Cholesterol Metabolism in the Metabolic Syndrome

4:10 pm

Featured Speaker

Jerome Rotter, M.D.

Distinguished Professor of Pediatrics, Medicine, and Human Genetics
Director, Division of Genomic Outcomes, Translational Genomics and
Population Sciences

University of California, Los Angeles

*Clinical Implications of the Genomic Relationship between Lipids and
Heart Disease*

4:45 pm

Networking Reception | Bluegrass Prefunction

6:00 pm

Dinner and Awards Ceremony | Bluegrass Prefunction