



CARDIOVASCULAR RESEARCH DAY

November 3, 2017

Lexington Convention Center

8:15 am

Guest Check -In Begins | Continental Breakfast | Bluegrass Prefunction

8:30 am

Career Development Session for Trainees | Continental Breakfast | Thoroughbred Room 8

9:30 am

Scientific Session I | Bluegrass Ballroom I

Chair: Gregory Graf, Ph.D. and Gia Mudd-Martin, Ph.D., MPH, R.N.

9:30 am

Alan Daugherty, Ph.D., D.Sc., Director, Saha Cardiovascular Research Center

Welcoming Comments

9:35 am

Trainee Presentations

Ahmed Al-Darraj | Ahmed Abdel-Latif Lab | University of Kentucky
Azithromycin Therapy Reduces Cardiac Inflammation and Mitigates Adverse Cardiac Remodeling after Myocardial Infarction: Potential Therapeutic Targets

Kelsey Conrad | Phil Owens Lab | University of Cincinnati
Increased Circulating Trimethylamine N-oxide (TMAO) Augments the Incidence of Abdominal Aortic Aneurysm in Low Penetrant C57BL/6J Mice

Ryan Allen, PhD | Kasey Vickers Lab | Vanderbilt University
Circulating Bacterial Small RNA Bound to LDL Induce Inflammatory Activation of Macrophages

10:35 am

Research Blitz

10 – 1 minute presentations by Trainees

10:45 am

Featured Speaker

Calum MacRae, M.D., Ph.D. | Harvard Medical School

Bridging the Gaps in Cardiovascular Translation



CARDIOVASCULAR RESEARCH DAY

11:30 am

Lunch | Scientific Session II | Bluegrass Prefunction

12:00 pm

Welcoming Remarks by **Mark Newman, MD**,
University of Kentucky Executive Vice President for Health Affairs

12:15 pm

Distinguished Alumni Presentation
John Charles, Ph.D. | NASA Human Research Program at Johnson Space Center
From the Bluegrass to Beyond the Blue

1:00 pm

Poster Session | Bluegrass Ballroom II

1:00 pm

Odd Numbered Posters

2:00 pm

Even Numbered Posters

3:00 pm

Scientific Session III | Bluegrass Ballroom I

Chair: Lisa Cassis, Ph.D. and Dan Rader, M.D.

3:00 pm

Trainee Presentations

Brooke Ahern | Jon Satin Lab | University of Kentucky
*Cardiac Specific Rad Deletion Enhances Cardiac Function through Safe, Stable
Positive Inotropic Support*

Ibra Fancher, PhD | Irena Levitan Lab | University of Illinois at Chicago
*Hypercholesterolemia-induced endothelial dysfunction is rescued by overexpression
of endothelial Kir2.1 in resistance arteries*

3:30 pm

Featured Speaker

Steven Houser, Ph.D. | Temple University
Cardiac Repair and Injury

4:15 pm

Gill Heart Institute Translational Early Career Award Recipient
Kiran Musunuru, M.D., Ph.D., MPH | University of Pennsylvania
Discovery and Therapeutic Genome Editing of Cardiovascular Disease Genes

5:00 pm

Networking Reception | Bluegrass Prefunction

6:00 pm

Dinner and Awards Ceremony | Bluegrass Prefunction

Special Presentation from **Mark Stoops** | University of Kentucky Head Football Coach