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-Darraji** | 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
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 Musumuru, 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