Eighth Annual
Cardiovascular Research Institute (CVRI) Symposium
Wednesday April 8, 2020

8:00 a  Breakfast and Registration
          Poster Preview Session  Rayzor Lounge

8:45 a  Opening Remarks and Welcome  Cullen Auditorium
          Mary Dickinson, PhD
          Vice President and Dean of Research
          Professor and Kyle and Josephine Morrow Endowed Chair
          Department of Molecular Physiology and Biophysics
          Baylor College of Medicine

Lectures  Cullen Auditorium

Session Chair  William R. Lagor, PhD
          Assistant Professor, Department of Molecular Physiology and Biophysics
          Baylor College of Medicine

8:55 a  “Hippo Signaling in Heart Regeneration”
          James F. Martin, MD, PhD
          Vivian L. Smith Chair in Regenerative Medicine
          Professor, Department of Molecular Physiology and Biophysics
          Baylor College of Medicine

9:15 a  “Seek the Cures from Vascular Endothelial Cells for Broken Hearts”
          Liang Xie, PhD
          Assistant Professor, Department of Medicine, Section of Atherosclerosis & Vascular
          Medicine
          Baylor College of Medicine

9:30 a  Speaker selected from Abstract submissions

Rapid Fire Poster Session 1  Rayzor Lounge
(with refreshments)

9:40 a – 10:35 a  Session 1: Groups 1-6

Lectures  Cullen Auditorium

Session Chair  Xander Wehrens, MD, PhD
          Director, Cardiovascular Research Institute
          Baylor College of Medicine

10:35 a  “Molecular Mechanisms of Atrial Fibrillation – New Kid on the Block”
          Na Li, PhD
          Assistant Professor, Department of Medicine, Section of Atherosclerosis & Vascular
          Medicine
          Baylor College of Medicine
10:50 a  “Use of a Small Molecule Integrin Activator, 7HP349, as a Systemically Administered Vaccine Adjuvant in Controlling Chagas Cardiomyopathy”  
Nisha Garg, PhD  
Professor, Departments of Microbiology & Immunology and Pathology  
The University of Texas Medical Branch  
Peter Vanderslice, PhD  
Director MCRL Biology, Molecular Cardiology Research  
Texas Heart Institute  

11:10 a  Distinguished Keynote Lecture  
“The Role of Aortic Cell Heterogeneity in Aneurysm and Dissection”  
Alan Daugherty, PhD, DSc  
Director, Saha Cardiovascular Research Center  
Gill Foundation Chair, Preventive Cardiology  
Chair, Department of Physiology  
Senior Associate Dean for Research  
University of Kentucky  

Rapid Fire Poster Session II  
(lunch served throughout)  
12:10 p – 1:20 p  Session 2: Groups 1-5  

Lectures  
Cullen Auditorium  

Session Chair  Scott LeMaire, MD  
Professor and Vice Chair for Research, Department of Surgery  
Director of Research, Division of Cardiothoracic Surgery  
Baylor College of Medicine  

1:20 p  Speaker selected from Abstract submissions  

1:30 p  “The Past, Present, and Future of the Total Artificial Heart”  
William Cohn, MD  
Vice President, Medical Devices  
Director, Center for Device Innovation at the Texas Medical Center  
Johnson & Johnson JLABS TMC  

2:00 p  Speaker selected from Abstract submissions  

Rapid Fire Poster Session 3  
(with refreshments)  
2:10 p – 3:05 p  Poster Session 3: Groups 1-4  

Lectures  
Cullen Auditorium  

Session Chair  Lilei Zhang, MD, PhD  
Assistant Professor, Department of Molecular and Human Genetics
3:05 p  “Using RNAseq to Solve Undiagnosed Inherited CVD”
David Murdock, MD
Assistant Professor, Department of Molecular and Human Genetics
Human Genome Sequencing Center
Baylor College of Medicine

3:20 p  Speaker selected from Abstract submissions

Special Session and Awards Ceremony  Cullen Auditorium

Session Chair:  Biykem Bozkurt, MD, PhD
Associate Director, Cardiovascular Research Institute
Medical Care Line Executive (Department of Medicine Chair)
Michael E. DeBakey Veterans Affairs Medical Center
Vice Chair, Department of Medicine
Baylor College of Medicine

3:30 p  Special Panel Session – Vaping & Cardiovascular and Lung Disease

“The HCPH Youth Vaping Prevention Program to Decrease and Prevent Vaping Among Students”
Umair Shah, MD, MPH
Executive Director, Harris County Public Health
Houston, TX

“When Vaping's Deceptive Fog Clears: Disruption of Lung Lipid Homeostasis”
Farrah Kheradmand, MD
Professor, Department of Medicine, Section of Pulmonology
Nancy Chang, Ph.D. Endowed Professorship for the Biology of Inflammation Center
Baylor College of Medicine

“Recent trends in E-Cigarette Use in the United States: Alarming or Exaggerated?”
Salim Virani, MD, PhD
Professor, Department of Medicine, Section of Cardiology
Baylor College of Medicine

4:45 p  Awards Ceremony

Reception with Poster Viewing  Rayzor Lounge

5:00 p  Spirits and hors d’oeuvres
Poster viewing and discussion/networking