Agenda
11th Annual Symposium
Cardiovascular Research Institute
April 10, 2024

8:00 - 8:30  Breakfast and Registration
            Poster preview session

8:30 - 8:40  Opening Remarks and Welcome
            Xander Wehrens, MD, PhD
            Professor of Integrative Physiology
            Director, CVRI
            Baylor College of Medicine

8:40 - 9:00  "Gene Editing Based Approaches for
            Treating Sickle Cell Disease"
            Gang Boa, PhD
            Chair and Professor of Chemistry and
            Materials Science & NanoEngineering
            Rice University

9:00 - 9:20  "A Closer Look at Fibrinogen in
            Thromboinflammation"
            Miguel A. Cruz, PhD
            Professor of Medicine - Thrombosis
            Baylor College of Medicine

9:20 – 9:40  "Gut-Brain Axis in Post-Stroke
            Inflammation"
            Bhanu Priya Ganesh, PhD
            Assistant Professor of Neurology
            UT Health Science Center at Houston
            McGovern School of Medicine

9:40 – 10:00 “Microfluidic Technologies for Medical
            Diagnostics and Global Health”
            Peter B. Lillehoj, PhD
            Chair and Professor of Mechanical
            Engineering
            Rice University

10:00 - 11:00 Poster Session I
            BREAK

11:00 - 12:00 KEYNOTE LECTURE
            Andrew Marks, MD
            Chair and Professor of Physiology and
            Molecular Biophysics
            Columbia University

12:00 – 1:30 Poster Session II
            LUNCH BREAK
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| 1:30 - 1:50  | "Understanding Risk Modification in Left-Sided Congenital Heart Disease" | Shaine A. Morris, MD, MPH  
Pediatric Cardiologist  
Texas Children’s Hospital  
Associate Professor of Pediatrics-Cardiology  
Baylor College of Medicine |
| 1:50 - 2:10  | "Current Epidemiology and Treatment of Heart Failure"                | Biykem Bozkurt, MD  
Senior Dean of Faculty  
Associate Director, CVRI |
| 2:10 - 2:30  | "Saving Lives in TANGO2 Deficiency Disorder – Collaborative & Translational Bedside to Bench back to Bedside Research" | Christina Miyake, MD, MS  
Associate Professor and Director of the Cardiovascular Genetics Arrhythmia Program  
Texas Children’s Hospital  
Associate Professor of Physiology and Biophysics  
Baylor College of Medicine |
| 2:30 - 3:15  | Poster Session III                                                   |                                                                                                                                             |
| 3:15 – 3:35  | "Decipher the Secretive Role of the Vascular Endothelium in Metabolic Homeostasis" | Xinchun Pi, PhD  
Associate Professor of Medicine  
Baylor College of Medicine |
| 3:35 – 3:55  | “Triggering the mitochondrial permeability transition pore”          | Jason Karch, PhD  
Assistant Professor of Integrative Physiology  
Baylor College of Medicine |
| 3:55 - 4:30  | Awards Ceremony and Closing Remarks                                  | Na Li, PhD  
Associate Professor of Cardiovascular Sciences  
Xander Wehrens, MD, PhD  
Professor of Integrative Physiology  
Director, CVRI |
| 4:30 - 5:30  | Reception & Poster Viewing                                           | Rayzor Lounge                                                                                                                                 |