

**SIXTH ANNUAL
CARDIOVASCULAR RESEARCH INSTITUTE (CVRI) SYMPOSIUM**
Tuesday, April 10, 2018
BAYLOR COLLEGE OF MEDICINE

Session I	Welcome and Opening Remarks	<i>Cullen Auditorium</i>
8:00a	Breakfast and Registration	
8:45a	Opening Remarks/Welcome Adam Kuspa, Ph.D. Senior Vice President and Dean of Research Baylor College of Medicine	
Session II	Lectures	<i>Cullen Auditorium</i>
<u>Session Chair:</u>	William R. Lagor, Ph.D. Assistant Professor, Molecular Physiology and Biophysics Baylor College of Medicine	
8:55a	“Precision medicine in cardiovascular disease prevention” Christie Ballantyne, M.D. Professor and Vice Chair of Research in Medicine Baylor College of Medicine	
9:15a	“Coronary anomalies and sudden cardiac death” Carlos Miguel Mery, M.D., M.P.H. Associate Professor, Congenital Heart Surgery Texas Children’s Hospital	
9:30a	“Rbfox2 function in RNA metabolism is impaired in hypoplastic left heart syndrome patient’s hearts” Sunil K. Verma, Ph.D. Research Scientist, Biochemistry and Molecular Biology University of Texas Medical Branch at Galveston *Top selected abstract	
9:40a	“Development of a transcatheter pediatric polymeric valve: from the drawing on the back of a napkin to pre-clinical studies” Henri Justino, M.D. Associate Professor, Pediatrics-Cardiology Texas Children’s Hospital	
Session III	Rapid Fire Poster Session with refreshments	<i>Rayzor Lounge</i>
10:00a	Session 1 Commences	
10:05a	Session 1A Groups 1-6	
10:30a	Session 1B Groups 1-5	

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Session IV **Lectures** *Cullen Auditorium*

Session Chair: Biykem Bozkurt, M.D., Ph.D.
Associate Director, Cardiovascular Research Institute
Baylor College of Medicine

10:55a **“Clinical and genetic analysis of early onset of bicuspid aortic valve disease”**
Siddharth K. Prakash, M.D., Ph.D.
Assistant Professor, Molecular and Human Genetics
The University of Texas Health Science Center at Houston

11:10a **“Fluoroquinolones and aortic disease: cause for concern?”**
Scott LeMaire, M.D.
Professor and Vice Chair of Research, Surgery
Baylor College of Medicine

11:30a **National Keynote Lecture**

“Understanding your most important organ”
Eric N. Olson, Ph.D.
Professor and Chair, Department of Molecular Biology
Director, Hamon Center for Regenerative Science and Medicine
The University of Texas Southwestern Medical Center

Session V **Rapid Fire Poster Session with lunch** (lunch served throughout) *Rayzor Lounge*

12:30p Session 2 Commences
12:35p Session 2A Groups 1-6

Session VI **Lectures** *Cullen Auditorium*

Session Chair: Lilei Zhang, M.D., Ph.D.
Assistant Professor, Molecular & Human Genetics
Baylor College of Medicine

1:30p **“Downregulation of protein phosphatase 2A regulatory subunit B56a□ promotes atrial fibrillation”**
Katherina M. Alsina, B.A.
Student, Integrative Molecular and Biomedical Sciences Graduate Program
Baylor College of Medicine
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- 1:40p **"Role of RNA binding proteins in human heart diseases"**
N. Muge Kuyumcu-Martinez, Ph.D.
Assistant Professor, Biochemistry & Molecular Biology
University of Texas Medical Branch
- 1:55p **"How deficiency of RERE contributes to congenital heart defects
associated with 1p36 deletion syndrome"**
Daryl A. Scott, M.D., Ph.D.
Associate Professor, Molecular & Human Genetics
Baylor College of Medicine
- 2:15p **"Global cardiovascular disease events in older adults: a short-term risk
assessment and prediction approach from the atherosclerosis risk in
communities (ARIC) study"**
Anum Saeed, M.D.
Clinical Fellow, Medicine-Atherosclerosis and Vascular Medicine
Center for Cardiometabolic Disease Prevention
Baylor College of Medicine
*Top selected abstract

Session VII Rapid Fire Poster Sessions with refreshments *Rayzor Lounge*

- 2:25p Session 3 Commences
2:30p Session 3A Groups 1-5
2:55p Session 3B Groups 1-6

Session VIII Lectures

Session Chair: Shaine A. Morris, M.D.
Assistant Professor, Pediatrics -Cardiology
Baylor College of Medicine

- 3:20p **"Examining the role of the gut microbiota in the development
of hypertension"**
David J. Durgan, Ph.D.
Assistant Professor, Anesthesiology
Baylor College of Medicine

- 3:35p **"Targeting necroptosis to prevent the development of sporadic aortic
aneurysm and dissection in mice"**
Pingping Ren, M.D., Ph.D.
Postdoctoral Researcher, Surgery-Cardiothoracic Surgery
Baylor College of Medicine
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Session IX	Award Ceremony and Distinguished Keynote Lecture	<i>Cullen Auditorium</i>
<u>Session Chair:</u>	Xander Wehrens, M.D., Ph.D. Director, Cardiovascular Research Institute Baylor College of Medicine	
3:45p	Award Ceremony	
4:00p	"Innate immune signaling and epigenetic" John Cooke, M.D., Ph.D. Joseph C. "Rusty" Walter and Carole Walter Looke Presidential Distinguished Chair Director, Center for Cardiovascular Regeneration Chair, Department of Cardiovascular Sciences Houston Methodist Research Institute	<i>Cullen Auditorium</i>
Session X	Reception with Poster Viewing	<i>Rayzor Lounge</i>
5:00p	Wine, beer, hors d'oeuvres Poster viewing and discussion	