

FIFTH ANNUAL CARDIOVASCULAR RESEARCH INSTITUTE (CVRI) SYMPOSIUM
TUESDAY, APRIL 4, 2017
CULLEN AUDITORIUM/RAYZOR LOUNGE
BAYLOR COLLEGE OF MEDICINE

Session I	Welcome and Opening Remarks	<i>Cullen Auditorium</i>
8:00a	Breakfast and Registration Poster preview session	
9:00a	Opening Remarks Adam Kuspa, PhD Senior Vice President, Dean of Research Baylor College of Medicine	
9:05a	Welcome Biykem Bozkurt, MD, PhD Associate Director, Cardiovascular Research Institute Baylor College of Medicine	
Session II	Lectures	<i>Cullen Auditorium</i>
Session Chairs	Thomas A. Cooper, MD Professor, Molecular and Cellular Biology Baylor College of Medicine Joshua Wythe, PhD Assistant Professor, Molecular Physiology & Biophysics Baylor College of Medicine	
9:10a	"REV-ERB α in cardiac hypertrophy and heart failure" Lilei Zhang, MD, PhD Assistant Professor, Molecular & Human Genetics Baylor College of Medicine	
9:25a	"Role of calcium handling defects in atrial fibrillation" Xander Wehrens, MD, PhD Director, Cardiovascular Research Institute Baylor College of Medicine	
9:45a	"Deletion of desmoplakin, a gene responsible for arrhythmogenic cardiomyopathy, specifically in Cardiac CSPG4 ^{pos} cells leads to cardiac arrhythmias and premature death" Jennifer Karmouch, PhD Postdoctoral Associate, IMM Center for Cardiovascular Genetics University of Texas Health Sciences Center *Top selected abstract	
Session III	Rapid Fire Poster Session (with refreshments)	<i>Rayzor Lounge</i>
9:55a	Session 1 Groups A B C D & E	

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Session IV	Lectures	<i>Cullen Auditorium</i>
Session Chairs	Mark Entman, MD Professor and Chief, Medicine – Cardiovascular Sciences Baylor College of Medicine Irina V. Larina, PhD Assistant Professor, Molecular Physiology & Biophysics Baylor College of Medicine	
10:45a	“Metabolic functions of the vascular endothelium” Xinchun Pi, PhD Assistant Professor, Medicine - Atherosclerosis Baylor College of Medicine	
11:00a	“Hippo signaling in heart regeneration” James Martin, MD, PhD Professor, Molecular Physiology and Biophysics Baylor College of Medicine	
11:20a	“Metabolomic profiles provide mechanistic insights into the association between a Mediterranean-style diet and incident cardiovascular disease” Alexis C Frazier-Wood, PhD Assistant Professor, Pediatrics – Nutrition Director, Baylor Infant Twin Study (BITS) Baylor College of Medicine *Top selected abstract	
11:30a	National Keynote Lecture “Genetics of Cardiomyopathy – Getting to the Heart of the Matter” Christine Seidman, MD Investigator, Howard Hughes Medical Institute Director, Cardiovascular Genetics Center Brigham and Women's Hospital Professor, Department of Genetics Harvard Medical School	
Session V	Rapid Fire Poster Sessions with lunch (lunch served throughout)	<i>Rayzor Lounge</i>
12:20p	Session 2 Groups A B C D & E	
1:10p	Session 3 Groups A B C & D	

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Session VI	Lectures	<i>Cullen Auditorium</i>
Session Chairs	Yochai Birnbaum, MD, FAHA, FACC Professor, Medicine – Cardiology Baylor College of Medicine Liang Xie, PhD Assistant Professor, Medicine –Athero & Lipo Baylor College of Medicine	
2:00p	“Real-time predictive monitoring of cardiovascular deterioration after Stage I palliation.” Sebastian Acosta, PhD Instructor, Pediatrics – Cardiology Baylor College of Medicine	
2:15p	“High-throughput identification of essential genes for cardiovascular development: Insights into human disease.” Mary Dickinson, PhD Kyle and Josephine Morrow Endowed Chair Professor, Molecular Physiology and Biophysics Baylor College of Medicine	
2:35p	“Acute pharmacogenetic stimulation of broad brainstem regions in adult mice results in potential SUDEP-like death from perturbed respiratory and cardiovascular function” Jenny Sun Graduate Student, Neuroscience Baylor College of Medicine *Top selected abstract	
2:45p	“Getting to the heart of Tead1: A novel critical role in maintenance of adult cardiomyocyte function” Mousumi Moulik, MD Assistant Professor, Pediatrics University of Texas Health Science Center at Houston	
3:00p	“Highly sensitive troponin and the unhappy heart” Vijay Nambi, MD Associate Professor, Medicine – Cardiology Baylor College of Medicine	
3:20p	“Mis-splicing of SCN5A Contributes to Cardiac Dysfunction in Myotonic Dystrophy” Paul Pang Graduate Student, Pathology Baylor College of Medicine *Top selected abstract	

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Session VII	Distinguished Keynote Lecture and Award Ceremony	<i>Cullen Auditorium</i>
Session Chair	Scott LeMaire, MD Vice-Chair Research, Cardiothoracic Surgery Professor, Molecular Physiology & Biophysics Baylor College of Medicine	
3:30p	"Adult Genomics in the Clinic: The 'Mars Program'" Richard Gibbs, PhD Founder and Director, Human Genome Sequencing Center Wofford Cain Chair and Professor, Molecular and Human Genetics Baylor College of Medicine	
4:20p	Awards Ceremony & Closing Remarks	<i>Cullen Auditorium</i>
Session VIII	Reception with Poster Viewing	<i>Rayzor Lounge</i>
4:35p	Wine, beer, hors d'oeuvres Poster viewing and discussion	