FOURTH ANNUAL
CARDIOVASCULAR RESEARCH INSTITUTE (CVRI) SYMPOSIUM
Thursday, February 4, 2016
BAYLOR COLLEGE OF MEDICINE

Session I   Welcome and Opening Remarks
8:00a   Breakfast and Registration
9:00a   Opening Remarks
Adam Kuspa, PhD
Senior Vice President, Dean of Research
Baylor College of Medicine
9:05a    Welcome
Xander Wehrens, MD, PhD
Director of the Cardiovascular Research Institute
Baylor College of Medicine

Session II   Lectures
Session Chair:  Biykem Bozkurt, MD, PhD
Associate Director of the Cardiovascular Research Institute
Professor, Medicine – Cardiology
Baylor College of Medicine
9:10a    “Linking Atrial Fibrillation and Inflammation”
Na Li, PhD
Assistant Professor, Molecular Physiology and Biophysics
Baylor College of Medicine
9:30a   “Oxidized CaMKII Contributes to ventricular arrhythmia in a Mouse Model of Duchenne
Muscular Dystrophy”
Qiongling Wang, PhD
Postdoctoral Associate, Molecular Physiology and Biophysics
Baylor College of Medicine
*Top selected abstract   (Poster #6)
9:40a   “How Cardiovascular Disease Registries Can Inform Evidence and Science in a Learning
Health Care System”
Salim Virani, MD, PhD, FACC, FAHA
Associate Professor, Medicine – Lipid and Athersclerosis
Baylor College of Medicine
10:00a   “Novel long QT syndrome-associated missense mutation, L762F, in CACNA1C-encoded
L-type calcium channel imparts a slower inactivation tau and increased sustained and
window current”
Andrew Landstrom, MD, PhD
Clinical Fellow, Pediatrics – Cardiology
Baylor College of Medicine
Texas Children’s Hospital
*Top selected abstract   (Poster #3)

Session III   Rapid Fire Poster Session with refreshments
10:10a   Session 1 Groups A, B C & D
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Session IV   Lectures

Session Chair: Mark Entman, MD
Theme Leader of the Cardiovascular Research Institute
Professor and Chief, Medicine – Cardiovascular Sciences
Baylor College of Medicine

11:00a  “Molecular Basis of Anthracycline-induced Cardiotoxicity”
Dr. Edward T. H. Yeh, MD
Chairman, Department of Cardiology
Ting Tsung and Wei Fong Chao Distinguished Chair
The University of Texas MD Anderson Cancer Center

11:20a  “Hippo Signaling Deletion Reverses Systolic Heart Failure”
John Leach, B.S.
Graduate Student, Molecular Physiology and Biophysics
Baylor College of Medicine
*Top selected abstract (Poster #4)

11:30a  Distinguished Texas Medical Center Keynote
“The Genetic Architecture of Cardiovascular Diseases”
Eric Boerwinkle, PhD
Dean, School of Public Health
The University of Texas Health Science Center at Houston

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

12:20p  Session 2 Groups A, B C & D
1:10p  Session 3 Groups A, B C & D

Session VI   Lectures

Session Chair: Mary Dickinson, PhD
Executive Committee of the Cardiovascular Research Institute
Professor, Molecular Physiology and Biophysics
Baylor College of Medicine

2:00p  “Atrioventricular Septal Defect: A Next-Generation Approach”
Lisa C.A. D’Alessandro, MD, FRCPC, FAAAP
Assistant Professor, Pediatrics-Cardiology
Baylor College of Medicine
Texas Children’s Hospital

2:20p  “Sox7 gene ablation impairs epithelial-to-mesenchymal transition during atrioventricular endocardial cushion development”
Andres Hernandez-Garcia, PhD
Postdoctoral Associate, Molecular & Human Genetics
Baylor College of Medicine
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*Top selected abstract (Poster #1)*

2:30p  
“Alternative splicing regulation in heart development and disease”  
Thomas Cooper, MD  
Professor, Pathology and Immunology  
Baylor College of Medicine

2:50p  
“Loss of Argininosuccinate Lyase Leads to Nitric Oxide Deficiency, Endothelial Dysfunction, Impaired Angiogenesis, and Hypertension”  
Jordan Kho, B.S.  
Graduate Student, Molecular and Human Genetics  
Baylor College of Medicine  
*Top selected abstract (Poster #2)*

3:00p  
“Insights into the pathogenesis of hereditary cardiomyopathies”  
Ali J. Marian, MD  
Director, Center for Cardiovascular Genetics  
The Brown Foundation Institute of Molecular Medicine for the Prevention of Human Diseases  
Texas Heart Institute

3:20p  
“Clinical-Officer Led Screening is Sensitive for Detecting Rheumatic Heart Disease in Malawi, Africa”  
Amy Sims Sanyahumbi, MD  
Assistant Professor, Pediatrics – Cardiology  
Baylor College of Medicine  
Texas Children’s Hospital  
*Top selected abstract (Poster #5)*

**Session VII**  
**National Keynote and Award Ceremony**  
*Cullen Auditorium*

3:30p  
“Oxidized CaMKII in Cardiopulmonary Diseases”  
Mark Anderson, MD, PhD  
Physician-in-Chief  
John Hopkins University School of Medicine

4:20p  
Awards Ceremony & Closing Remarks  
*Cullen Auditorium*

**Session VIII**  
**Reception with Poster Viewing**  
*Rayzor Lounge*

4:35p  
Sweets and canapés