

**American Heart Association
Scientific Session 2014**

ABSTRACTS and TALKS and PARTICIPATION
by Stanford Researchers

Visit and support your colleagues at the Nov. 15-19, 2014, in Chicago, IL by checking out some of their abstracts and presentations. The list (updated as of Nov. 11) is below.

For more visit:

- http://my.americanheart.org/professional/Sessions/ScientificSessions/Scientific-Sessions_UCM_316900_SubHomePage.jsp
- <http://www.abstractsonline.com/pp8/#!/3547>

AHA COMMITTEE MEMBERS representing Stanford/CVI

Robert A. Harrington, MD, FACC, FAHA
Chair of the Committee on Scientific Sessions
Program, 2014

Euan Ashley, MD
Member Functional Genomics and Translational
Biology Program Committee

Francois Haddad, MD
Representative on the Cardiopulmonary, Critical
Care, Perioperative and Resuscitation (3CPR)

Mark Hlatky, MD
Member Quality of Care and Outcomes Research
Program Committee

Mintu Turakhia, MD, MAS, FAHA
Representative at Large

Joseph Woo, MD
Chair of Cardiovascular Surgery and Anesthesia
Council

Paul Wang, MD
Co-Chair for the Arrhythmia Research Summit

Joseph Wu, MD, PhD
Basic Cardiovascular Science Council

Sean Wu, MD, PhD
Basic Cardiovascular Science Council

YOUNG INVESTIGATOR AWARDEES

Ke Yuan, PhD
Cournand and Comroe Young Investigator Award Awardee

Haodi Wu, PhD
Marcus Young Investigator Award in Cardiovascular Science Awardee

SATURDAY (Nov. 15) TALKS

Early Career: Team Science, Big Data Research and Finding a Job: A Primer for Early Career Epidemiology and Outcomes Investigators

S504

2:05 p.m.

Opportunities for Big Data Research: AHA and the IOM Continuous Learning from Routinely Collected Data Report

Robert Harrington

Early Career Opening General Session: Developing the Skills Needed to Succeed for All Disciplines Part II

S100ab

9:30 a.m.

10 Ways to Improve Your Scientific Writing

Robert Harrington

Early Career Opening General Session: Developing the Skills Needed to Succeed for All Disciplines Part II

S100ab

10 a.m.

Mintu Turakhia, Moderator

Considering Electrophysiology as a Specialty—Part I

S501

1 p.m.

Mintu Turakhia, Moderator

Emerging Researchers from 3CPR Council: How to Build a Road Map for Your Career in Cardiopulmonary, Critical Care, Perioperative and Resuscitation Research

S401bcd

2:15 p.m.

The Role of Wnt Signaling Pathways in Pulmonary Artery Endothelial Cells

Vinicio De Jesus Perez

Early Career: Interventional Cardiology

S403

1:25 p.m.

Adjuncts to Angiography

William Fearon

Team Science, Big Data Research and Finding a Job: A Primer for Early Career Epidemiology and Outcomes Investigators

S504

2:05 p.m.

Opportunities for Big Data Research: AHA and the IOM Continuous Learning from Routinely Collected Data Report

Robert Harrington

My Story: A Panel Discussion on the Different Types of EP Career Options—Part II

S501

2 p.m.

Mintu Turakhia, Moderator

My Story: A Panel Discussion on the Different Types of EP Career Options—Part II

S501

2 p.m.

Translational Research and Working at a VA

Mintu Turakhia

How to Navigate the Omics World

S404bcd

4:45 p.m.

Paul Burridge

Early Career EP Clinical Session—Part III

S501

3:15 p.m.

Sanjiv M. Narayan, Moderator

SUNDAY (Nov. 16) TALKS and ABSTRACTS

Harnessing the Power of Big Data—Bench-to-Bedside, to Population

S100c

8 a.m.

Welcome Address

Robert Harrington, Moderator

The Role of mHealth in Management and Prevention of CVD

S100c

5:30 p.m.

Michael McConnell, Moderator

A Step-by-Step, How to Do It Course on Advanced Cardiac Surgical Techniques

N227b

8 a.m.

Y Joseph Woo, Moderator

Advanced Heart Failure Management Strategies in Pediatric and Congenital Heart Disease

S102bc

8 a.m.

Legal and Ethical Implications of Palliative Care Decisions in Pediatric Heart Failure

Daniel Bernstein

Advanced Heart Failure Management Strategies in Pediatric and Congenital Heart Disease

S102bc

8:44 a.m.

Why Cardiac Resynchronization Therapy Indications Differ in Pediatrics and CHD Versus Standard Adult CRT Guidelines

Anne Dubin

Breakthroughs and Controversies in Cardiovascular Imaging

N230b

10:37 a.m.

Controversy: Science Fiction or Fact

Joseph C Wu

Cardiac Recovery: Lessons Learned and Guidance for Future Steps

S404bcd

8 a.m.

Francois Haddad, moderator

Controversies in Prevention of Carotid Artery Stroke

N226

10:38 a.m.

Unrecognized Cognitive Changes After CEA and CAS

Wei Zhou

Dietary and Lifestyle Behaviors in Cardiovascular Prevention: Beyond Statins

8:44 a.m.

S501

One Size Does Not Fit All: Effect of Cardiovascular Risk Profile in Response to Diet Composition

Christopher D Gardner

Difficult Management Questions in Heart Failure: The If, How and When

8:44 a.m.

S406a

How to Manage a Patient with Severe Aortic Stenosis and Severely Decreased Ejection Fraction, TAVR or Open Surgery?

David Liang

Difficult Management Questions in Heart Failure: The If, How and When

10:16 a.m.

S406a

The When and Who of Mechanical Circulatory Support

Dipanjana Banerjee

Groundbreaking Studies in the Practice of Cardiovascular Medicine: *Circulation* Editors' Choices

N231

10:55 a.m.

Spatially Oriented, Temporally Sequential Smooth Muscle Cell-Endothelial Progenitor Cell Bi-Level Cell Sheet Neovascularizes Ischemic Myocardium

Y Joseph Woo

Harnessing the Power of Big Data: Bench to Bedside to Population

S100c

8 a.m.

Welcome address

Robert Harrington, Moderator

Hypertrophic Cardiomyopathy: Challenging the Guidelines

S101

8:44 a.m.

Genetic Testing: What Do We Learn? Do Genotype-Negative Patients Have HCM?

Euan Ashley

Mitochondrial Dynamics in Cardiovascular Disease

S404a

10 a.m.

P110: A Novel Peptide to Modulate Mitochondrial Fission in the Heart

Daria Mochly-Rosen

Impact of Sex Differences on Invasive Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease

Yuhei Kobayashi, Yasuhiro Honda, William F Fearon, Shigemitsu Tanaka, Peter J Fitzgerald, David P Lee, Alan C Yeung, Jennifer A Tremmel

Function Follows Form: Shape and Substrate Stiffness Drive Maturity in Human Cardiomyocytes Differentiated From Pluripotent Stem Cells

Alexandre Ribeiro

Functional Comparison of Human Embryonic Stem Cell- versus Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes in Rat Ischemic Myocardial Infarction Model

Wenyi Chen

3D Tri-culture Model Promotes Enhanced Mechanical Forces and Sustained Long-Term Contractility of Human Pluripotent Stem Cell-Derived Cardiomyocytes

Karina Nakayama

Impact of Myocardial Bridging on Stent-edge Compression in Left Anterior Descending Coronary Arteries

Shigemitsu Tanaka

Yasuhiro Honda

Prognostically Important Myocardial Infarctions are Markedly Underreported in Patients Undergoing Percutaneous Coronary Intervention: Insights from CHAMPION PHOENIX

Kenneth W Mahaffey

Robert A Harrington

Clinical and Economic Burden of Rheumatic Heart Disease in Low-Income Nations: Estimating the Cost-of-Illness in India and Uganda

Alexander T Sandhu

The Genesips Project: an NHLBI-Sponsored induced Pluripotent Stem Cell (iPSC) Resource for the Study of Cardiovascular Diseases

Ivan Carcamo-Orive

Thomas Quertermous

Prognostic Study of the J wave Patterns on the Resting Electrocardiogram in Ambulatory Patients

Vedant S Pargaonkar

Victor F Froelicher

The Personal and Family History Questions in the AHA Cardiovascular Screen for Athletes and the Screening ECG

Tim Dunn

Victor Froelicher

A Care Transition Bundle for Heart Failure Patients Impacts Hospital Care Access During the 30 Days Following Discharge

Dipanjan Banerjee

Variation in Laboratory Monitoring After Initiation of a Mineralocorticoid Receptor Antagonist in Patients With Heart Failure

Vishal R Chauhan

Paul Heidenreich

Association of Periarterial Low-Echoic Appearance with Progression of Coronary Allograft Vasculopathy and Long-Term Clinical Outcomes in Heart Transplant Patients

Hideki Kitahara

Yasuhiro Honda

Poster Professor: for Intracoronary Physiology Measurement: Fractional Flow Reserve and Microvasculature section

Jennifer Tremmel

Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease

Yuhei Kobayashi

Jennifer A Tremmel

Locally Produced SAMHD1 Immune Complexes Are Associated With the Development of Idiopathic Pulmonary Arterial Hypertension

Toshie Saito

Marlene Rabinovitch

A Novel DNA-damage Inducible Interaction between Peroxisome Proliferator Activated Receptor γ and p53 Regulates Pulmonary Arterial Endothelial Cell Homeostasis

Jan K Hennigs

Marlene Rabinovitch

Poster Professor: for Regulation of Cardiac Structural Development section

Sean M Wu

Case Presentation: Coronary Case

South Hall A1 – Booth 1676

3 p.m.

Jennifer Tremmel

e-Abstract session

ECG Markers of CVD Risk 1 South Hall A2 – Core 2 Theater

4:40 p.m.

A Prognostic Study of the J wave Patterns on the Resting Electrocardiogram in Ambulatory Patients

Vedant S Pargaonkar

Victor F Froelicher

Abstract Oral Session

ATVB Early Career Investigator Award Finalists

S104

3:45 p.m.

Nicholas Leeper, Moderator

Abstract Oral Session Cournand and Comroe Young Investigator Prize Finalists

S401bcd

4 p.m.

Activation of the Wnt/Planar Cell Polarity Pathway is Required for Pericyte Recruitment During Pulmonary Angiogenesis

Ke Yuan

Vinicio de Jesus Perez

CVDY Early Career Investigator Award Finalists

S101

3:45 p.m.

Whole-Genome Sequencing at 10-Days of Life in Perinatal Long-QT Syndrome Yields New Insights Into Disease Pathogenesis

James R Priest

Euan A Ashley

Oral Abstract Session

Vivien Thomas Young Investigator Award Finalists

N227b

3:45 p.m.

Michael Fischbein, Moderator

Melvin L. Marcus Young Investigator Award in Cardiovascular Sciences Finalists

S106

5:15 p.m.

Epigenetic Activation of Phosphodiesterase Subtypes Lead to Compromised Beta- Adrenergic Signaling in Induced Pluripotent Stem Cell-Derived Cardiomyocytes From Dilated Cardiomyopathy Patients

Haodi Wu

Joseph C. Wu

Cardiovascular Seminar: Controversies in Stroke Prevention in Atrial Fibrillation

S403

5:30 p.m.

What Is the Evidence for and Against Aspirin Monotherapy in Low-Risk AF Patients

Mintu Turakhia

Cardiovascular Seminar: Emerging Mechanisms of Abdominal Aortic Aneurysm

S103d

6 p.m.

Regulation of Inflammation AAA Disease by MiR-24

Phillip S Tsao

Cardiovascular Seminar: iPSC-Derived Cardiomyocytes

Phillip Yang, Moderator

Cardiovascular Seminar: iPSC-Derived Cardiomyocytes

5:45 p.m.

Patient-Specific Induced Pluripotent Stem Cells

Joseph C Wu

Cardiovascular Seminar

The AHA 2020 Goals: Getting Personal—What Does It Have to Do with My Genome?

S101

6:27 p.m.

Genetic Testing to Predict Statin Response and CVD Risk

Themistocles L Assimes

Cardiovascular Seminar The Role of mHealth in Management and Prevention of CVD

S100c

5:30 p.m.

Michael V. McConnell, moderator

Joint AHA/Progenitor Cell Biology Consortium Session
N230b
6:15 p.m.
How Immature Are PSC-Derived Cardiomyocytes?
Sean M Wu

MONDAY (Nov. 17) TALKS and ABSTRACTS

Plenary Session
Special: AHA Strategically Focused Network: Directions for Prevention and what Does it Take to be Successful
S106
4:33 p.m.
Lessons from the Outcomes Network: What It Takes to Be Successful
Mark Hlatky

miR-28 Induces Oxidative Stress via Nrf2 in Right Ventricular Failure but not in Left Ventricular Failure
South Hall A2
9 a.m.
Sushma Reddy

ATVB Women's Leadership Committee Luncheon
Hyatt Regency McCormick Place (Prairie Ballroom)
12 noon
Nick Leeper, Moderator

Abstract Oral Session: William W. L. Glenn Lecture:
Cell and Tissue Engineering Strategies for Heart Failure
S406a
10 a.m.
Direct Comparison of Disease-Specific versus TALEN-Corrected iPSC-Derived Cardiomyocytes from Dilated
Cardiomyopathy Patients
Antje Ebert
Joseph C Wu

Joint AHA/Chinese Society of Cardiology Session: Hypertension Management in China—the Gap Between Guideline
and Practice
S103bc
9:30 a.m.
Hypertension Management Guidelines: What Are the Main Differences in ESH/ ESC Guideline, JNC8, ASH/ISH
Community Guideline and AHA/ACC/CDC Science Advisory?
Vivek Bhalla

Joint AHA/Great Wall- International Congress of Cardiology Session: Pulmonary Hypertension Bridge China and
America—from Gene to Population
S406b
9 a.m.
Vinicio De Jesus Perez, Moderator

Joint AHA/NHLBI Session: Mechanisms of Cell Therapy— a Perspective from a Multicenter Clinical Trial Network
S404bcd
9 a.m.
Phillip Yang, Moderator

Joint AHA/NHLBI Session: Mechanisms of Cell Therapy— a Perspective from a Multicenter Clinical Trial Network
S404bcd

9 a.m.

In vivo Visualization of Stem Cell Therapy

Phillip Yang

Joint AHA/NHLBI Session: Mechanisms of Cell Therapy— a Perspective from a Multicenter Clinical Trial Network
S404bcd

9:30 a.m.

LVAD and Cell Therapy - Feasibility and Efficacy

Y Joseph Woo

Poster Professor: for Abstract Poster Session Acute and Chronic Coronary Artery Disease: Quality Care and Outcomes I session

Paul Heidenreich

Poster Professor: for Athletes: Arrhythmia—Clinical Electrophysiology, Diagnosis and Risk Stratification

Victor Froelicher

Abstract Poster Session

Cellular and Molecular Regulation of Cardiac Development

South Hall A2 - Core 3

Lineage Descendants at Single Cell Resolution

Guang Li

Sean M Wu

Abstract Poster Session

ECG Markers of CVD Risk II

South Hall A2 - Core 2

Combination of QRS Duration and JT interval is More Prognostic Than the QT interval for Cardiovascular Death in an Ambulatory Population

David Pickham

Victor Froelicher

Abstract Poster Session

Insights from IVUS, FFR and OCT

South Hall A2 - Core 6

Geographic Distribution of Cardiac Allograft Vasculopathy Associated With Acute Cellular Rejection: A Serial Three-Dimensional IVUS Study of Heart Transplant Recipients

Kozo Okada

Yasuhiro Honda

Abstract Poster Session

Lipids, Lipid Mediators and Lipoprotein Metabolism: Cellular and Animal II South Hall A2 - Core 2 Hepatic HNF1 α Knockdown Reduces Circulating PCSK9 Levels and Increases Liver LDL Receptor Abundance in Mice

Jingwen Liu

Abstract Poster Session

South Hall A2 - Core 6

Myocardial Protection, Intraoperative Management and Postoperative Critical Care II

Poster Professor: **Y Joseph Woo**

Abstract Poster Session

Noncoronary Vascular Imaging (CT/MRI/Other)

South Hall A2 - Core 1

Cell Damage and Even Death Detected in Peripheral T-Lymphocytes in Patients Undergoing Cardiac Computed Tomographic Angiography

Patricia Nguyen

Joseph C Wu

Abstract Poster Session

Novel Targets in Cardioprotection

South Hall A2 - Core 5

Inhibition of the Calcineurin Interaction Site on TRPV1 Reduces Myocardial Infarct Size in Rats

Eric R Gross

Daria Mochly-Rosen

Best of AHA Specialty Conferences: BCVS 2014

South Hall A2

9 a.m.

miR-28 Induces Oxidative Stress via Nrf2 in Right Ventricular Failure but not in Left Ventricular Failure

Sushma Reddy

Daniel Bernstein

Cellular and Molecular Regulation of Cardiac Development

South Hall A2 - Core 3 Theater

11:10 a.m.

Identification of Cardiovascular Lineage Descendants at Single Cell Resolution

Guang Li

Sean M. Wu

Abstract Oral Session

Chest Pain and Acute Coronary Syndromes: Presentation and Representation

S503

11:45 a.m.

Economic Burden of Angina and Chest Pain Following Percutaneous Coronary Intervention: a Real-World Analysis of Multi-Payer US Claims

Mark A Hlatky

Acute and Chronic Coronary Artery Disease—Quality Care and Outcomes

South Hall A2 - Core 7 Theater

Paul Heidenreich, Moderator

Abstract Oral Session

Heart Failure: Improving Early Outcomes and Safety

S404a

4:45 a.m.

Incidence Rate of Hyperkalemia-related Hospitalization After Initiation of a Mineralocorticoid Receptor Antagonist in Patients with Heart Failure

Vishal R Chauhan

Paul Heidenreich

Abstract Oral Session

Pulmonary Hypertension: New Directions

S103d

3:45 p.m.

Marlene Rabinovitch, Vinicio De Jesus Perez, Moderators

Abstract Oral Session

Pulmonary Hypertension: New Directions

S103d

4:15 a.m.

PPAR γ Plays a Novel, Pivotal Role in DNA Damage Sensing and Repair, That is Perturbed in Pulmonary Arterial Hypertension

Caiyun G Li

Marlene Rabinovitch

Special

AHA Strategically Focused Network: Directions for Prevention and What Does It Take to Be Successful?

S106

4:33 p.m.

Lessons from the Outcomes Network: What It Takes To Be Successful

Mark Hlatky

Abstract Poster Session

Best of Basic Science Abstracts and Reception South Hall A2, Best of Basic Science and Late-Breaking Basic Science

Oxido-Reductive Regulation of Human Vascular Remodeling by the Orphan Receptor Tyrosine Kinase Ros1

Euan A Ashley

Intracoronary Imaging and Physiology: How and When to Use It

N227b

5:54 p.m.

Fractional Flow Reserve: For the Majority of PCI Patients

William Fearon

Genetics and Heart Failure: What Does the Clinician Need to Know?

S405

6:15 p.m.

Can iPSC Modeling Lead to Personalized Medicine?

Elena Matsa

Ask the Experts: Intracoronary Imaging and Physiology: How and When to Use It

N227b

5:54 p.m.

Fractional Flow Reserve: For the Majority of PCI Patients

William Fearon

Advanced and Surgical Treatment of CHF

N226

5:30 p.m.

The Present and Future of Medical Therapy for CHF

Francois Haddad

Pulmonary Hypertension with Left-Sided Heart Disease: New Criteria and New Perspective

S406a

6:30 p.m.

The Patient with Advanced Heart Failure and Pulmonary Hypertension: What Is the Best Way to Risk Stratify and Best Manage This Patient?

Dipanjan Banerjee

TUESDAY (Nov. 18) Talks and Abstracts

Tuesday: Clinical Science: Special Reports
Trials and Cardiovascular Registries
S100ab

8:09 a.m.

Discussant of Intention-to-Tweet: A Randomized Trial of Social Media from Circulation
Mintu Turakhia

Special: Distinguished Scientist Lecture
S100ab

12:30 noon

Marlene Rabinovitch, Moderator

Plenary: New Perspectives on Cardiovascular Research: A Global Approach
North Hall B

Robert Harrington, Moderator

Plenary: New Perspectives on Cardiovascular Research: A Global Approach
North Hall B

2:30 iPS Cells for Development of Therapeutics

Joseph C Wu

Plenary: Reciprocal Extrapolation: Individualizing Care Using Population Data
North Hall B

4 p.m.

Whole Genomes: The Whole Enchilada for Personalized Care!

Euan Ashley

Special: Creating a Culture of Health: AHA 2020 Impact Goals
S106

4:30 p.m.

Using Mobile Devices to Monitor and Change Healthy Behaviors

Michael V McConnell

Trials and Cardiovascular Registries
S100ab

8:09 a.m.

Discussant of Intention-to-Tweet: A Randomized Trial of Social Media from Circulation
Mintu Turakhia

3D Modeling and Printing: Advances and Potential Clinical Applications
N230a

7:30 a.m.

The Why, What and How?

Paul J Wang

Joint AHA/Israel Heart Society Session: Advances in Acute Coronary Syndromes
N226

9 a.m.

Robert Harrington, Moderators

Plenary: Current Controversies in Coronary Revascularization

North Hall B

9:30 a.m.

Measuring Ischemia to Determine Revascularization: Anatomy, Physiology and Current Tools

William Fearon

Abstract Poster Session: Echocardiography: 2D and 3D Myocardial Mechanics

South Hall A2 - Core 1

Myocardial Deformation Imaging and Obstruction in Hypertrophic Cardiomyopathy, Insights from Crosssectional and Post-myectomy Analysis

Yukari Kobayashi

Euan Ashley

Abstract Poster Session: Genetic Regulation of Cardiomyocytes

South Hall A2 - Core 3

Yy1 Expression is Sufficient for the Maintenance of Cardiac Progenitor Cell State

Guang Li

Sean M Wu

Abstract Poster Session: Magnetic Resonance Imaging: Heart (Ischemia/Infarction)

South Hall A2 - Core 1

First-in-Human Dual Manganese- and Gadolinium-Enhanced Cardiac MRI Delineates the Peri-Infarct Region in Patients with Severe Ischemic Cardiomyopathy

Rajesh Dash

Phillip C Yang

Abstract Poster Session: New Insights into Hypertrophy Pathways

South Hall A2 - Core 5

Hypertrophic Cardiomyopathy-causing Mutations in Human Beta-Cardiac Myosin Converter Domain Alter Power Output of Sarcomere Function in Vitro

Masataka Kawana

James Spudich

Abstract Poster Session: Signaling Mechanisms in Cardioprotection

South Hall A2 - Core 5

Moderate Hypothermia Reduces Infarct/ Injury Size and Preserves Myocardial Function Following Acute Ischemia-Reperfusion Injury

Rajesh Dash

Phillip C Yang

Abstract Poster Session: Stem/Progenitor Cells: Mechanism of Functions of Stem Cells in Diseases

South Hall A2 - Core 7

Drug Screening in Human Neutral Lipid Storage Disease iPSCells Identifies Modulators of Intracellular Lipid Metabolism That Reduce Disease Phenotype in vitro

Rajarajan Kuppusamy

Sean Wu

Abstract Oral Session: Cardiovascular Regeneration with Stem/Progenitor Cells

S103d

11:15 a.m.

In Vivo Molecular Imaging of Human Pluripotent Stem Cell-derived Cardiomyocytes in a Murine Myocardial Injury Model via a Safe Harbor Integration of a Reporter Gene

Eric Rulifson

Phillip Yang

Abstract Oral Session: Case Study Challenges Across the Spectrum of Cardiovascular Disease

S404bcd

11:15 a.m.

A Mitochondrial DNA (OPA1) Deletion Mutation Presenting With Cardiomyopathy and Disproportionate Dyspnea - First Human Case

Aimee Lee

Paul Zei

Abstract Oral Session: Laennec Clinician/Educator Lecture: Thoracic Aortic Disease

N227b

11:15 a.m.

TEVAR versus Open Descending Thoracic Aortic Repair for the Treatment of Thoracic Aortic Aneurysms: An Analysis of the Medicare Database

Justin M Schaffer

Michael D Dake

Abstract Oral Session: Laennec Clinician/Educator Lecture: Thoracic Aortic Disease

N227b

11:45 a.m.

Oxidative Stress Contributes to Aneurysm Progression in Marfan Syndrome

Michael P Fischbein

Abstract Oral Session: Novel Genes Related to CAD and Risk Factors

S101

11:30 a.m.

Susceptibility Loci for Clinical CAD Predispose to Subclinical Coronary Atherosclerosis Throughout the Life Course

Themistocles L Assimes

Late-Breaking Clinical Trials

Treatment of Structural Heart Disease

North Hall B

11:17 a.m.

Discussant of A Randomized Trial Of Losartan In Hypertrophic Cardiomyopathy - The INHERIT Trial

Euan Ashley

Special

Distinguished Scientist Lecture

S100ab

Marlene Rabinovitch, Moderator

New Perspectives on Cardiovascular Research: A Global Approach

North Hall B

2 - 3:15 p.m.

Robert Harrington, Moderator

New Perspectives on Cardiovascular Research: A Global Approach

North Hall B

2:30 p.m.

iPS Cells for Development of Therapeutics

Joseph C Wu

Special: Familial Hypercholesterolemia: Integrating Genetic Information into Clinical Care

S100ab

2 p.m.

Joshua Knowles, Moderator

Reciprocal Extrapolation: Individualizing Care Using Population Data

North Hall B

4 p.m.

Whole Genomes: The Whole Enchilada for Personalized Care!

Euan Ashley

Creating a Culture of Health: AHA 2020 Impact Goals

S106

4:30 p.m.

Using Mobile Devices to Monitor and Change Healthy Behaviors:

Michael V McConnell

Ask the Experts: Hot Topics and Debates in Cardiac Surgery

N226

5:30 p.m.

Type A Dissection: DHCA, Selective Antegrade Perfusion or Both?

Michael Fischbein

Multimodality Imaging of Cardiac Stem Cells

N230a

5:30 Overview of Cardiac Stem Cell Imaging

Joseph C Wu

The Right Side of Heart Failure, Pulmonary Vascular Disease

S406a

5:30 p.m.

Roham Zamanian, Moderator

The Right Side of Heart Failure, Pulmonary Vascular Disease

S406a

5:45 p.m.

How Does RV Dysfunction Influence the Management of Heart Failure Patients?

Francois Haddad

WEDNESDAY (Nov. 19) Talks and Abstracts

Clinical Science: Special Reports: Results of ODYSSEY

S100ab

7:57 a.m.

Joshua Knowles

Abstract Oral Session

S104

10:45 a.m.

Novel Players in Angiogenesis Session

Ngan Huang

Atrial Fibrillation Ablation

10:45 a.m.

Sanjiv M Narayan, Moderator

Arrhythmia Research Summit 2014
N426bc
2:24 p.m.
Mapping to Guide Atrial Fibrillation Ablation
Sanjiv M Narayan

Management of Special Etiologies of Heart Failure
S405
8 a.m.
Cardiac Amyloidosis
Ronald Witteles

Abstract Poster Session: Application of Molecular Imaging to Improve Diagnosis of Cardiac and Vascular Inflammation
South Hall A2 - Core 1
Molecular Imaging of Matrix Metalloproteinases in Atherosclerosis Using a Novel Multifunctional PET/MRI Nanoparticle
Zhen Cheng

Abstract Poster Session: Cardiac Regeneration/Cellular Therapy: Experimental V
South Hall A2 - Core 5
Comparing the Efficacy of Contractile and Pre-Contractile Cardiomyocytes in Restoring the Function of the Injured Myocardium
Phillip Yang

Abstract Poster Session
Computed Tomography: Heart (Noncoronary)
South Hall A2 - Core 1
Computed Tomography Angiography Can Replace Cardiac Catheterization in the Surgical Planning of Select Neonates with Major Aortopulmonary Collaterals
Holly Bauser-Heaton
Frandics P Chan

Abstract Poster Session: Heart Failure: Issues in Clinical Care and Outcomes
South Hall A2 - Core 5
Poster Professor: **Francois Haddad**

Abstract Poster Session: Thoracic Aortic Disease II
South Hall A2 - Core 6
Poster Professor: **Michael Fischbein**

Abstract Oral Session: Atrial Fibrillation Ablation
S401bcd
10:45 a.m.
Sanjiv M. Narayan

Abstract Oral Session: Novel Players in Angiogenesis
S104
11:45 a.m.
Nanopatterned Extracellular Matrices Promote Endothelial Sprouting and Arteriogenesis in a Murine Model of Peripheral Arterial Disease
Ngan F Huang
Y Joseph Woo

Coronary Artery Negative Remodeling and Intimal Thickening Predict Long-Term Clinical Outcomes After Heart Transplantation

Kozo Okada, Hideki Kitahara, Hyung-Mo Yang, Hong-Seok Lim, Kyuhachi Otagiri, Shigemitsu Tanaka, **Yuhei Kobayashi, Paul G Yock, Alan C Yeung, Peter J Fitzgerald, Kiran K Khush, Yasuhiro Honda, William F Fearon**

Arrhythmia Research Summit (Wed. Nov. 19)

7 a.m. – 3:45 p.m.

Paul Wang, MD, Co-Chair

N426BC

10:37 a.m.

Pluripotential Stem Cells to Study Electrophysiology and Drug Response

Joseph Wu, MD, PhD

2:26 p.m.

Mapping to Guide Atrial Fibrillation Ablation

Sanjiv Narayan