

**Heart Failure and Cardiomyopathies - International****Session #503****9th Annual ACC Cardiovascular Conference on the Middle East III:  
Heart Failure with Preserved Ejection Fraction (HFPEF)**

Thursday, March 16, 2017, 3:45 p.m. - 5 p.m.

Room 145 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Patrick T. O'Gara

Co-Chair: Hani Najm

Panelist: Farshad Forouzandeh

3:45 p.m.

Challenging Case Presentation: HFpEF in the Setting of Complex Valvular  
Disease: A 79 Year Old Women With Mitral and Aortic Valve Disease

Heba S. Wassif

Boston, MA

3:50 p.m.

Epidemiology of Hypertensive Heart Disease and HFPEF in the Middle East

Feras M. Bader

Abu Dhabi, United Arab Emirates

4:04 p.m.

The Role of Imaging in the Diagnosis and Management of HFPEF

Mehmet Birhan Yilmaz

Sivas, Turkey

4:18 p.m.

The Heart Failure Clinic: Is it a Practical Option in the Middle East?

Waleed Alhabeeb

Riyadh, Saudi Arabia

4:30 p.m.

What is New in the Pharmacological Management of HFPEF?

Sobhi Dada

Beirut, Lebanon

4:44 p.m.

Panel Discussion with Audience Question and Answer

**Heart Failure and Cardiomyopathies - International****Session #510****Heart Failure: From Pathophysiology to Socio-Economic Impact:  
International Perspectives From the Lebanese Cardiac Society,  
Taiwan Society of Cardiology, and American College of Cardiology**

Friday, March 17, 2017, 8 a.m. - 9:30 a.m.

Room 145 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Patrick T. O'Gara

Co-Chair: Ghassan Kiwan

Co-Chair: Kou-Gi Shyu

8:00 a.m.

Introduction to Session

Patrick T. O'Gara

Boston, MA

8:05 a.m.

Ventricular Assist Device for Heart Failure: The Lebanese Experience

Georges A. Saade

Beirut, Lebanon

8:16 a.m.

Diagnostic and Prognostic Value of Metabolomics in Heart Failure

Chao-Hung Wang

Keelung, Taiwan

8:27 a.m.

Heart Failure: The Path Ahead

Joseph A. Hill

Dallas, TX

8:38 a.m.

Acute Systolic Heart Failure Registry in Taiwan

Chun-Chieh Wang

Taipei, Taiwan

8:49 a.m.

The Economic Impact of Heart Failure on the Lebanese Healthcare System

Samer Kabbani

Beirut, Lebanon

9:00 a.m.

Discussion

**Heart Failure and Cardiomyopathies - Poster Contributions****Session #1121****Heart Failure and Cardiomyopathies: Is Heart Failure With a Normal  
EF for Real?**

Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - Heart Failure With Reduced Ejection Fraction Care Patterns in the

Outpatient Practice Setting: Initial Findings From CHAMP-HF

Gregg C. Fonarow, Nancy Albert, Javed Butler, J. Herb Patterson, John  
Spertus, Fredonia Williams, Stuart Turner, Wing Chan, Carol Duffy, Adam  
DeVore, Xiaojuan Mi, Laine Thomas, Adrian Hernandez, Ronald Reagan-UCLA  
Medical Center, Los Angeles, CA, USA, Duke Clinical Research Institute,  
Durham, NC, USA

244 - Effects of Spironolactone on the Prognosis of Heart Failure Patients

With Preserved Ejection Fraction: A Meta-Analysis of Randomized Clinical  
TrialsYajie Xiang, Wei Huang, Yunjing Yang, Stephen Yishu Wang, Wenhai Shi,  
Department of Cardiology, The First Affiliated Hospital of Chongqing Medical  
University, Chongqing, People's Republic of China245 - Statin Intensity and Outcome in Patients With Acute Heart Failure With  
Preserved Ejection FractionAmer Hawatmeh, Mohammad Thawabi, Habib Habib, Firas Qaqa, Samer  
Haddad, Sarah Studyvin, Fayeze Shamooun, Marc Cohen, Newark Beth Israel  
Medical Center, Newark, NJ, USA, St. Joseph Regional Medical Center,  
Paterson, NJ, USA246 - Efficacy of Phosphodiesterase-5 Inhibitor in Patients With Heart Failure  
With Preserved Ejection Fraction: A Meta-AnalysisAnurag Bajaj, Sukrut Nanavaty, John Coppola, Hemant Tiwari, Tejas Patel,  
Samir Pancholy, The Wright Center for Graduate Medical Education,  
Scranton, PA, USA247 - Comparison of B-Type Natriuretic Peptide Assays for Identifying  
Adverse Events in Patients With Chronic Obstructive Pulmonary Disease:  
Meta-Analysis of Randomized and Non-Randomized StudiesSalman M. Muddassir, Mohammad A. Ismail, Muhammad Ishfaq, Oak Hill  
Hospital, Brooksville, FL, USA248 - Omega-3 Polyunsaturated Fatty Acids May Favorably Affect  
Inflammatory Biomarkers & Novel Indices of Left Ventricle Function in  
Patients With Heart FailureDimitrios Karlis, Evangelos Oikonomou, Theodoros Zografos, Gerasimos  
Siasos, Christine Chrysoshoou, Stela Brili, George Lazaros, Sotirios  
Tsalamandris, Georgia Vogiatzi, Angelos Papanikolaou, Alexios Antonopoulos,  
Georgios Georgiopoulos, Dimitris Tousoulis, 'Hippokraton' Hospital,  
University of Athens Medical School, Athens, Greece



249 - Effect of Coenzyme Q10 on Left Ventricular Remodeling and Mortality in Patients With Heart Failure: A Meta-Analysis

Angkawipa Trongtorsak, Kitavee Kongnatthasate, Paweena Susantitaphong, Verapras Kittipibul, Aekarach Ariyachaipanich, Chulalongkorn University, Bangkok, Thailand

250 - Surrogate Endpoints and the Differential Response to ASV for Sleep Apnea in HFrEF Versus HFpEF in the CAT-HF Trial

Adam Benjafield, JoAnn Lindenfeld, Olaf Oldenburg, David Whellan, Mona Fiuzat, Naresh Punjabi, Kevin Anstrom, Amy Blase, Holger Woehrle, Christopher O'Connor, Duke University Medical Center, Durham, NC, USA, ResMed Science Center, San Diego, CA, USA

251 - Treatment Patterns and Resource Use of Heart Failure Patients on Medicaid in Five States in the US

Tzy-Chyi Yu, Jenny Zhou, Dendy Macaulay, Huanxue Zhou, Stuart Turner, Ashok Vegesna, Deborah Goldschmidt, Olivia Liu, James Signorovitch, Novartis Pharmaceuticals, East Hanover, NJ, USA

252 - Influence of Low Versus High Dose on the Association of Loop Diuretic and Mortality in Patients With Heart Failure: Insights From the UNITE-HF Registry

Kirkwood F. Adams, Stephanie H. Dunlap, Amanda Lee, Ileana Pina, Adrian Van Bakel, J. Herbert Patterson, Todd Schwartz, Frank McGrew, Hector Ventura, Ron Oren, University of North Carolina Chapel Hill, Chapel Hill, NC, USA

253 - Rationale and Methods of the Prospective Study of Biomarkers, Symptom Improvement and Ventricular Remodeling During Entresto Therapy for Heart Failure (PROVE-HF) Study

James L. Januzzi, Javed Butler, G. Michael Felker, Emmanuel Fombu, Alan Maisel, Kevin McCague, Ileana Pina, Margaret Prescott, Jerome Riebmman, Scott Solomon, Massachusetts General Hospital, Boston, MA, USA, Novartis Pharmaceuticals, East Hanover, NJ, USA

254 - Association Between Use of Statins and Outcomes in Heart Failure Patients Undergoing Percutaneous Coronary Intervention

Ken Chin, Christopher Reid, Andrew Tonkin, Ingrid Hopper, Angela Brennan, Stephen Duffy, David Clark, Andrew Ajani, Danny Liew, Melbourne Interventional Group, Monash University, Melbourne, Australia

255 - Chemotherapy Induced Cardiotoxicity, Its Prevention, Treatment and Risk Factors

Munis Raza, Michelle Colpitts, Lenora Eberhart, David Langholz, Spectrum Health Frederik Meijer Heart and Vascular Institute, Grand Rapids, MI, USA

256 - LV Unloading Using Impella CP Improves LA Pressure, Function, and Stiffness in Ischemic Pig Model

Shin Watanabe, Kenneth Fish, Roger Hajjar, Kiyotake Ishikawa, Icahn School of Medicine at Mount Sinai, New York, NY, USA

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1122

**Population Specific Cardiomyopathies: From Exomes to Databases**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

257 - Racial Differences in Heart Failure Admissions & Outcomes Among Patients With HIV

Mary Fisher, Gbolahan Ogunbayo, Ameer Musa, Odunayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Bennet George, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

258 - Racial Difference in Genetic Variants Associated With Hypertrophic Cardiomyopathy

Sho Torii, Liang Guo, Ryan Braumann, Emanuel Harari, Hiroyoshi Mori, Matthew Kutyna, Aloke Finn, Renu Virmani, CVPPath Institute, Gaithersburg, MD, USA

259 - Whole Genome Sequencing in Four Hypertrophic Cardiomyopathy Families With Sudden Cardiac Death

Xiyang Guo, Chaomei Fan, Chi Cai, Yinyan Yang, Fujian Duan, Lei Tian, Yishi Li, Key Laboratory of Clinical Trial Research in Cardiovascular Drugs, Ministry of Health, Fuwai Hospital, Beijing, People's Republic of China

261 - Hospitalization Expenditure by New York Heart Association (NYHA) Classification in Heart Failure (HF) Patients in China

Shuiqing Zhu, Milun Zhang, Qian Ni, Qiao Sun, Pat Russo, Jianwei Xuan, Sun Yat-Sen University, Guangzhou, People's Republic of China

262 - Targeted and Exome Sequencing of 27 Lebanese Patients With Cardiomyopathies: Novel Variants in Known Genes, and Potential Novel Genes

Marwan Refaat, Sylvana Hassanieh, Patrick Zakka, Mostafa Hotait, Jad Ballout, Fadi Bitar, Mariam Arabi, M. Samir Arnaout, Hadi Skouri, Antoine Abchee, Hussain Ismaeel, Bernard Abi-Saleh, Maurice Khoury, Georges Nemer, American University of Beirut Medical Center, Beirut, Lebanon

263 - Air Pollution in Myocardial Remodeling

Fernanda Gallinaro Pessoa, Keila Fonseca, Charles Mady, Orlando N. Ribeiro, Adriana M. Oliveira-Fonoff, Vera Salemi, Paulo Saldiva, Fabio Fernandes, Felix Ramires, Heart Institute University of Sao Paulo School of Medicine, Sao Paulo, Brazil

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1123

**Making Progress in Understanding Heart Failure**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

264 - Left Atrial Enlargement in Patients With Ventricular Dysfunction: Innocent Bystander or Meaningful Determinant of Survival?

Giovanni Benfari, Clemence Antoine, Andrea Rossi, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

265 - Is Frailty a Mirror of Underlying Hemodynamic Alteration in Patients With Left Ventricular Dysfunction?

Giovanni Benfari, Clémence Antoine, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

266 - Impact of Malignant Left Ventricular Function on Incident Heart Failure With Reduced Versus Preserved Ejection Fraction: The MESA Study

Matthew N. Peters, Stephen Seliger, Susie Hong-Zohlman, James A. de Lemos, Joao Lima, Lori Daniels, Robert Christenson, Alain Bertoni, Christopher R. DeFilippi, INOVA Heart and Vascular Institute, Falls Church, VA, USA, University of Maryland School of Medicine, Baltimore, MD, USA

268 - Is There a Cardiomyopathy of Obesity? 10 Year Longitudinal Follow Up of Severely Obese Patients in the Utah Obesity Study

Sheldon E. Litwin, Ted D. Adams, Lance E. Davidson, Steven C. Hunt, Medical University of South Carolina, Charleston, SC, USA, University of Utah, Salt Lake City, UT, USA

267 - Impact of Malignant Left Ventricular Function on Incident Heart Failure in Older Adults: The MESA Study

Matthew N. Peters, Christopher R. DeFilippi, Susie Hong-Zohlman, Robert Christenson, Joao Lima, Alain Bertoni, Lori Daniels, Stephen Seliger, INOVA Heart and Vascular Institute, Falls Church, VA, USA, University of Maryland School of Medicine, Baltimore, MD, USA



270 - Incidence of Preclinical (Stage A and B) Heart Failure in the General Population

Kathleen Young, Christopher Scott, Richard Rodeheffer, Horng Chen, Mayo Clinic, Rochester, MN, USA

271 - Global Longitudinal Strain Predicts Sustained Recovery of LV Ejection

Fraction in Heart Failure Patients on Evidence Based Medical Therapies  
Luigi Adamo, Andrew Perry, Eric Novak, Majesh Makan, Brian Lindman, Douglas Mann, Cardiovascular Division, Department of Medicine, Washington University School of Medicine, St. Louis, MO, USA

272 - Circulating Concentrations of Orexin A Are Associated With Left Ventricular Reverse Remodeling and Clinical Outcomes Following Cardiac Resynchronization Therapy

Neal Chatterjee, Nasrien Ibrahim, Timothy Maher, Alberto Aimò, Jackie Szymonifka, Hanna Gaggin, Quynh Truong, Jagmeet Singh, Petr Jarolim, James Januzzi, Massachusetts General Hospital, Boston, MA, USA

273 - Serial Assessment of Heart Rate and Beta Blocker Use in Chronic Heart Failure Patients With Reduced Ejection Fraction in a Large Integrated Healthcare Network

Hanna Kim Gaggin, Alexander Turchin, Harshali Patel, Yang Song, April Trebnick, Gheorghe Doros, Nasrien Ibrahim, Juan Maya, Christopher Cannon, James Januzzi, Harvard Clinical Research Institute, Boston, MA, USA, Amgen Inc., Thousand Oaks, CA, USA

274 - Lipid Transfer to HDL in Patients With Heart Failure Was Diminished and Is Correlated With Severity of the Disease

Ana Elisa Marabini Martinelli, Raul C. Maranhao, Priscila O. Carvalho, Milena N. C. Curiati, Thauany M. Tavoni, Fatima R. Freitas, Antonio Barretto, Heart Institute of the Medical School Hospital of University of São Paulo, Sao Paulo, Brazil, Faculty of Pharmaceutical Sciences of University of São Paulo, Sao Paulo, Brazil

275 - Prognostic Utility of Haemoglobin/Haematocrit Equations for Estimating Congestion Versus Calculated Plasma Volume Status in Chronic Heart Failure

Francesco Papalia, Klio Konstantinou, Karl Norrington, Hua Zen Ling, Darlington Okonko, King's College London, London, United Kingdom

276 - Exercise Intolerance and Proportional Pulse Pressure Response in Patients With Chronic Heart Failure

Takeshi Kitai, Chongyang Albert, Timothy Engelman, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

278 - Clinical Characteristics and Outcomes of Patients With Heart Failure With Reduced Ejection Fraction and Chronic Obstructive Pulmonary Disease: Insights From PARADIGM-HF

Solmaz Ehteshami-Afshar, Pardeep Jhund, Nathaniel M. Hawkins, Jean Rouleau, Karl Swedberg, Michael Zile, Martin Lefkowitz, Victor Shi, Scott Solomon, Milton Packer, John McMurray, British Heart Foundation (BHF) Cardiovascular Research Centre, Glasgow, United Kingdom

279 - Intravascular Volume Expansion in Patients With Heart Failure and Reduced Ejection Fraction Is Not Revealed by Changes in Cardiac Filling Pressures

Petra Nijst, Pieter Martens, Frederik Verbrugge, Matthias Dupont, Wai Hong Tang, Wilfried Mullens, Ziekenhuis Oost Limburg, Genk, Belgium

280 - Prognostic Role of Neutrophil to Lymphocyte Ratio in Predicting Outcomes in Patients With Chronic Heart Failure

U. Bhalraam, Mohapradeep Mohan, Chim Lang, University of Dundee, Dundee, United Kingdom

277 - Impact of Proportional Pulse Pressure on Exercise Tolerance and Clinical Outcomes in Patients With Heart Failure With Reduced Ejection Fraction

Takeshi Kitai, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

281 - Left Ventricular Mass Index and Other Independent Predictors of Incident Heart Failure

Emmanuel Akintoye, Karim Mahmoud, Jarrett Weinberger, Luis Afonso, Wayne State University/Detroit Medical Center, Detroit, MI, USA

282 - Home Telehealth Reduces Adverse Outcomes in Heart Failure

Anshul Srivastava, Jacquelyn-My Do, Samantha Ly, Jacob Joseph, Veterans Affairs Boston Healthcare System, West Roxbury, MA, USA

283 - Incremental Risk of Ischemic Stroke Over Time in Newly Diagnosed Heart Failure Patients Without Atrial Fibrillation

Jeffrey S. Berger, Eric Peterson, François Laliberté, Guillaume Germain, Dominique Lejeune, Jeffrey Schein, Patrick Lefebvre, Qi Zhao, Matthew Weir, Janssen Scientific Affairs, Raritan, NJ, USA, Groupe d'Analyse Ltée, Montreal, Canada

284 - Associations of HIV Related Factors With Adjudicated Heart Failure (HF) in an Electronic Cohort of HIV-Infected (HIV+) Persons

Alexandra Stevenson, Anna E. Pawlowski, Daniel Schneider, Prasanth Nannapaneni, Jes Sanders, Chad J. Achenbach, Sanjiv Shah, Donald Lloyd-Jones, Matthew Feinstein, Northwestern Feinberg School of Medicine, Chicago, IL, USA

285 - The Role of Baseline Versus Long-Term Follow-Up Ejection Fraction in Predicting Adverse Events Among Primary Prevention Implantable Cardioverter Defibrillator Recipients

Daniel J. Friedman, Robert Overton, Linda Shaw, Marat Fudim, Divyang Patel, Eric Velazquez, Sana Al-Khatib, Duke University Hospital, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

287 - High Risk, Stage B Heart Failure: A Distinct Hemodynamic Profile

Elizabeth A. Hardin, Michinari Hieda, Erin J. Howden, Christopher Hearon, Satyam Sarma, Benjamin Levine, Institute for Exercise and Environmental Medicine, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

288 - Orthopnea or Paroxysmal Nocturnal Dyspnea in Older Adults Without Prevalent Heart Failure Is a Predictor, but Not an Independent Risk Factor for Incident Heart Failure: Insights From the Cardiovascular Health Study

Apostolos Tsimploulis, Poonam Bhyan, Phillip Lam, Daniel Dooley, Javed Butler, Prakash C. Deedwania, Gregg Fonarow, Wen-Chi Wu, Marc Blackman, Charity Morgan, Qing Treitler Zeng, Michel White, Ioannis Kanonidis, Wilbert Aronow, Deepak Bhatt, Stefan Anker, Ali Ahmed, Georgetown University Hospital/Washington Hospital Center, Washington, DC, USA, Veterans Affairs Medical Center, Washington, DC, USA

289 - Ambulatory Actigraphy Monitoring of Patients With Heart Failure With Reduced Ejection Fraction Predicts 6-Minute Walk Distance

Bradley C. Witbrodt, Abhinav Goyal, Erika Woolfolk, Alanna Morris, Emory University School of Medicine, Atlanta, GA, USA

290 - Clinical Trials of Cardiotoxicity in Breast Cancer

Ohad Oren, Michal Oren, University of Pennsylvania, Philadelphia, PA, USA, Tel Aviv University, Tel Aviv, Israel

291 - Arterial Elastance Drives Ventilatory Inefficiency in Systolic Heart Failure

Leo F. Buckley, Salvatore Carbone, Justin Canada, Cory Trankle, Sanah Christopher, Jessica Regan, Michele Mattia Viscusi, Dave L. Dixon, Nayef Abouzaki, Dinesh Kadariya, Ross Arena, Antonio Abbate, Benjamin Van Tassel, Virginia Commonwealth University, Richmond, VA, USA, University of Illinois at Chicago, Chicago, IL, USA



292 - Contemporary Use of Heart Failure Medications in Pediatric Patients With Dilated Cardiomyopathy

Ivan Wilmot, Marco Rodriguez, Kriti Puri, Juan Feng, BreAnn Taylor, Jacob Mathew, Thomas Ryan, John Jefferies, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

293 - Stress Induced Cardiomyopathy Triggered by Chemotherapy: When Should Cancer Therapy Be Restarted?

Dana Giza, Juan Lopez-Mattei, Peter Kim, Ezequiel D. Muñoz Gonzalez, Joerg Herrmann, Gloria Iliescu, Eric Yang, Saamir Hassan, Cezar Iliescu, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

295 - Growth Differentiation Factor-15 Is Associated With Mortality in Patients With Severe Acute Heart Failure or Cardiogenic Shock

Walter S. Speidl, Konstantin Krychtiuk, Max Lenz, Stefan Kastl, Johann Wojta, Gottfried Heinz, Medical University of Vienna, Vienna, Austria

296 - NT-proBNP, Left Ventricular Structure and Function, and Long-Term Cardiovascular Events: Insights From a Prospective Population-Based Cohort Study

Manan Pareek, Deepak L. Bhatt, Muthiah Vaduganathan, Tor Biering-Sørensen, Jacob E. Møller, Margrét Leósdóttir, Martin Magnusson, Peter M. Nilsson, Michael Olsen, Odense University Hospital, Odense C, Denmark, Brigham and Women's Hospital, Boston, MA, USA

**Heart Failure and Cardiomyopathies - Moderated Poster Contributions**

**Session #1137M**

**Why Can't We Be Friends? Controversies in Heart Failure Management**

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Paul J. Mather

ACC Poster Moderator: Gurusher S. Panjra

10:00 a.m.

Duration of Oral Loop Diuretics and 30-Day Readmission in Patients With Acute Decompensated Heart Failure

Benjamin Laliberte, Brent Reed, Sandeep Devabhakthuni, Kristin Watson, Vijay Ivaturi, Tao Liu, Stephen Gottlieb, University of Maryland Medical Center, Baltimore, MD, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Remote Telemonitoring in Chronic Heart Failure Does Not Reduce Healthcare Cost but Improves Quality of Life: Endpoints of the CardioBEAT Trial

Heinz Voeller, Dominik Bindl, Klaus Nagels, Reiner Hofmann, Eik Vettorazzi, Karl Wegscheider, Eckart Fleck, Eckhard Nagel, University of Potsdam, Center of Rehabilitation Research, Potsdam/Brandenburg, Germany

10:25 a.m.

Question and Answer

10:30 a.m.

Mortality Effect of Icd in Primary Prevention of Non Ischemic Cardiomyopathy: A Meta Analysis of Randomized Control Trials

Hemindermeet Singh, Ameer Kabour, Abdur Khan, Sonia Ali Malik, Owais Khawaja, Haris Riaz, Wade Lee, Mark Richards, Johan Aasbo, Faraz Khan Luni, Mercy St. Vincent Medical Center, Toledo, OH, USA

10:40 a.m.

Question and Answer

10:45 a.m.

A Novel Score to Predict Outcome in Patients Supported by Veno-Arterial Extracorporeal Membrane Oxygenation

Sakir Akin, Kadir Caliskan, Osama Soliman, L. S. D. Jewbali, Corstiaan den Uil, Atila Kara, Alina Constantinescu, Robert J. van Thiel, Ron van Domburg, Jan Bakker, Dinis dos Reis Miranda, Erasmus MC Rotterdam, Rotterdam, The Netherlands

10:55 a.m.

Question and Answer

11:00 a.m.

Cardiac Resynchronization Therapy in Inotropic-Dependent Heart Failure Patients: A Systematic Review and Meta-Analysis

Vanessa Blumer, Luis Arcay, Gabriel A. Hernandez, Jorge Monge, Juan Viles-Gonzalez, Jeffrey Goldberger, Sandra Chaparro, University of Miami, Miami, FL, USA

11:10 a.m.

Question and Answer

11:15 a.m.

Prevalent Digoxin Use Is Not Associated With Increased Risk of Death or Hospitalization in Ambulatory Heart Failure Patients With a Reduced Ejection Fraction

Andrew P. Ambrosy, Ankeet Bhatt, Amanda Stebbins, Lisa Wruck, Stephen Greene, Marat Fudim, William Kraus, Christopher O'Connor, Ileana Pina, David Whellan, Robert Mentz, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

11:25 a.m.

Question and Answer

11:30 a.m.

Adverse Outcomes With Use of Hydralazine and Nitrate Combination Therapy in Hospitalized Older Non-Black Patients With Heart Failure and Reduced Ejection Fraction (HFrEF)

Phillip Hong Lam, Daniel Dooley, Essraa Bayoumi, Jonathan Segal, Cherinne Arundel, Gerasimos Filippatos, Javed Butler, Prakash C. Deedwania, Wen-Chih Wu, Michel White, Marc Blackman, Charity Morgan, Ioannis Kanonidis, Wilbert Aronow, Stefan Anker, Gregg Fonarow, Ali Ahmed, Georgetown University/Washington Hospital Center, Washington, DC, USA, DC Veterans Affairs Medical Center, Washington, DC, USA

11:40 a.m.

Question and Answer

11:45 a.m.

Association Between Serum Potassium Level and Outcomes in Heart Failure With Reduced Ejection Fraction: A Cohort Study From the Swedish Heart Failure Registry

Lauren Beth Cooper, Lina Benson, Robert Mentz, Gianluigi Savarese, Adam DeVore, Juan Jesus Carrero, Ulf Dahlstrom, Stefan Anker, Mitja Lainscak, Adrian Hernandez, Bertram Pitt, Lars Lund, Inova Heart & Vascular Institute, Falls Church, VA, USA, Duke University, Durham, NC, USA

11:55 a.m.

Question and Answer

**Heart Failure and Cardiomyopathies - Hands-on Skills Learning Session #1507**

**Personalized Skills Center: Hands-On Simulation - Acute Heart Failure**

Friday, March 17, 2017, 12:15 p.m. - 1:15 p.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

12:15 p.m.

Acute Heart Failure



Jacqueline E. Tamis-Holland  
New York, NY

### Heart Failure and Cardiomyopathies - Scientific

#### Session #611

#### Kanu and Docey Chatterjee Lecture and Seminal Talks in Heart Failure: I Wanna New Drug: Updated Heart Failure Guidelines

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Ballroom C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Keith Aaronson  
Co-Chair: Rhondalyn McLean

12:15 p.m.  
The Legacy of Dr. Kanu Chatterjee  
John Gordon Harold

12:18 p.m.  
Introduction of Dr. Jessup as the Kanu and Docey Chatterjee Lecturer  
Prediman K. Shah  
Los Angeles, CA

12:20 p.m.  
Kanu and Docey Chatterjee Lecture - Learning from Our Past and Looking to the Future - Hope for Heart Failure  
Mariell Jessup  
Boston, MA

12:50 p.m.  
The Updated Heart Failure Guidelines - Incorporating New Therapeutics  
Clyde Yancy  
Chicago, IL

1:05 p.m.  
Who, When and How to Transition to Sacubitril/Valsartan  
Matthew Konerman  
Ann Arbor, MI

1:15 p.m.  
Who, When and Why Add on Ivabradine  
Gustafsson Finn  
Copenhagen, Denmark

1:25 p.m.  
More Meds: How Much is Too Much?  
Tracy Macaulay  
Lexington, KY

1:35 p.m.  
How Do I Know When it's working? Measuring Quality and Clinical Outcomes for New Pharmacology?  
Harlan Krumholz  
New Haven, CT

### Heart Failure and Cardiomyopathies - Scientific

#### Session #612

#### Surgical Therapies for Heart Failure Patients: Stage A-C

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Shelley Hall  
Co-Chair: Eugene Braunwald  
Panelist: Eugene Blackstone  
Panelist: Steven Bolling  
Panelist: Eric Velazquez  
Panelist: Valluvandam Jeevanandam

12:15 p.m.  
Mitral Valve Surgery Should Always Be Considered for the Patient with Reduced Ejection Fraction  
Steven Bolling  
Ann Arbor, MI

12:25 p.m.  
Mitral Valve Surgery Should Always Be Considered for the Patient with Reduced Ejection Fraction  
Eric Velazquez  
Durham, NC

12:35 p.m.  
Rebuttal Pro  
S. Bolling;  
University of Michigan Hospital, Ann Arbor, MI.

12:40 p.m.  
Rebuttal Con  
E. Velazquez;  
Duke Clinical Research Institute, Durham, NC.

12:45 p.m.  
Panel Discussion

12:55 p.m.  
Risk Stratification for Heart Failure Patients Undergoing Cardiac Surgery  
Eugene Blackstone  
Cleveland, OH

1:05 p.m.  
Debate Pro: CABG Has A Limited Role in the Management of HF Patients  
Antonio Colombo  
Milan, Italy

1:15 p.m.  
Debate Con: CABG Has a Limited Role in the Management of HF Patients  
Valluvandam Jeevanandam  
Chicago, IL

1:30 p.m.  
Rebuttal Con  
V. Jeevanandam;  
University of Chicago Medical Center, Chicago, IL.

1:35 p.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Core Curriculum

#### Session #802

#### Core Curriculum: Mending the Failing Heart

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 151 A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Ileana L. Pina

12:15 p.m.  
Revised Medicine Cabinet: New Additions to the Pharmacologic Armamentarium in CHF Management  
Mark H. Drazner  
Dallas, TX

12:40 p.m.  
Destination Therapy: Updates in LVAD and Artificial Hearts  
David E. Lanfear  
Detroit, MI

1:05 p.m.  
"Unbreak My Heart:" Strategies to Reduce Rehospitalization





William T. Abraham  
Columbus, OH

1:30 p.m.  
Question and Answer

### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1162

#### Diabetes and Endothelial Dysfunction in Heart Failure

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - Lack of Testosterone in Obese-Insulin Resistant Condition Aggravates  
Cardiometabolic Dysfunction Through the Impairment of Cardiac  
Mitochondrial Function

Nattavaporn Apaijai, Titikorn Chunchai, Siripong Palee, Thidarat Jaiwongkam,  
Siriporn Chattipakorn, Nipon Chattipakorn, Cardiac Electrophysiology  
Research and Training Center, Faculty of Medicine, Chiang Mai University,  
Chiang Mai, Thailand, Department of Physiology, Faculty of Medicine, Chiang  
Mai University, Chiang Mai, Thailand

244 - Dapagliflozin Attenuates Diabetic Cardiomyopathy and the Activation  
of the NLRP245 - Cardio-protective Effects Of Trimetazidine In Lps-induced  
Sepsis By Promoting Neutrophils Migration In Heart Through Regulation  
Cxcr2 Expression

Chen Chen, Jing Chen, Dao Wen Wang, Tongji Hospital, Wuhan, People's  
Republic of China

246 - Association of Endothelial Dysfunction With Biomarkers of  
Inflammation, Myocardial Fibrosis and Left Ventricle Strain in Patients With  
Heart Failure

Evangelos Oikonomou, Efstathios Dimitropoulos, Gerasimos Siasos, Antigoni  
Miliou, Christine Chrysoshoou, Konstantinos Mourouzis, Georgia Vogiatzi,  
Alexios Antonopoulos, Mpourouki Evgenia, Sotirios Tsalamandris, George-  
Angelo Papamikroulis, Charilila-Loukia Ververeli, Dimitris Tousoulis, First  
Department of Cardiology, 'Hippokration' Hospital, University of Athens  
Medical School, Athens, Greece

247 - Hypothyroidism Modulates Mitochondrial Calcium Uniporter  
Expression and Causes Cardioprotection Decreasing Mitochondrial  
Permeability Transition Pore Opening

Hector Chapoy, Yuriana Oropeza-Almazan, Ana Gutiérrez-Rodríguez, Gerardo  
Garcia-Rivas, Tecnológico de Monterrey, Monterrey, Mexico

249 - Interleukin 18 Impairs Excitation Contraction Coupling in  
Cardiomyocytes and Predicts Mortality in Acute Decompensated Heart  
Failure

Elena Gonzalez, Judith Bernal-Ramirez, Andrea Cordero-Reyes, Jerry D. Estep,  
Keith Youker, García-Rivas Gerardo, Guillermo Torre-Amione, Catedra de  
Cardiología, Escuela Nacional de Medicina, Tecnológico de Monterrey,  
Campus Monterrey, Monterrey, Mexico, Houston Methodist DeBakey Heart  
& Vascular Center, Houston, TX, USA

248 - Mast Cell-Dependent Conversion of Siderophages Into Foam Cells Is a  
Hallmark of Early Fat Infiltration in Hemorrhagic Myocardial Infarctions

Ivan Cokic, Avinash Kali, Hsin-Jung Yang, Richard Tang, Joseph Francis, Rohan  
Dharmakumar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1163

#### Acute Heart Failure: Evaluating Strategies to Prevent Readmissions

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

252 - The Benign Nature of Discharge Hyponatremia in Heart Failure Patients  
With Normal Admission Sodium: Analysis From the ESCAPE Trial

Hesham Omar, Richard Charnigo, Maya Guglin, Division of Cardiovascular  
Medicine, Linda and Jack Gill Heart Institute, University of Kentucky,  
Lexington, KY, USA

253 - Timely Use of Right Heart Catheterization Is Associated With Reduced  
In-Hospital Mortality in Patients With Congestive Heart Failure: Insight From  
the United States National Inpatient Sample Database

Reza Masoomi, Zubair Shah, Deepak Parashara, Buddhadeb Dawn, Kamal  
Gupta, The University of Kansas Medical Center, Kansas City, KS, USA

254 - Admission Types Among Patients With Heart Failure Cared for by  
Accountable Care Organizations: Variation by Performance on a Measure of  
Risk Standardized Acute Admission Rates

Liliya Benchetrit, Chloe O. Zimmerman, Haikun Bao, Kumar Dharmarajan,  
Faseeha Atif, Jeph Herrin, Zhenqiu Lin, Harlan Krumholz, Elizabeth Drye,  
Kasia Lipska, Erica Spatz, Yale University School of Medicine, New Haven, CT,  
USA, Center for Outcomes Research and Evaluation, Yale-New Haven  
Hospital, New Haven, CT, USA

255 - Low Dietary Sodium Intake Is Associated With Low Energy Intake and  
Dietary Micronutrient Deficiency in Elderly Patients Hospitalized for Heart  
Failure

Scott L. Hummel, Wahida Karamally, Omar Jimenez, Maria L. Cornelli, Erika  
Trumble, Jeffrey Wessler, Mathew Maurer, University of Michigan, Ann  
Arbor, MI, USA, Columbia University, New York, NY, USA

263 - Regional Variation in Hospitalization Outcomes Among Patients  
Admitted for Heart Failure in the United States

Emmanuel Akintoye, Alexandros Briasoulis, Oluwale Adegala, Muhammad  
Adil Sheikh, Manmohan Singh, Abdelrahman Ahmed, Diane Levine, Wayne  
State University/Detroit Medical Center, Detroit, MI, USA

256 - Effect of Pulmonary Pressure Monitoring (CardioMEMS Heart Failure  
System, St. Jude Medical) on Hospital Admissions and Emergency  
Department Visits: A Multicenter Real World Experience

Daniel Davidovich, Orvar Jonsson, Jamie Pelzel, Mosi Bennett, Bradley Bart,  
Shari A. Mackendanz, Anne Sexter, Steven Goldsmith, Minnesota Heart Failure  
Consortium and Associated Sites, Minneapolis, MN, USA

257 - Seasonal and Regional Variations in Heart Failure Admissions and  
Mortality in the United States

Soumya Patnaik, Mahek Shah, Vincent Figueredo, Albert Einstein Medical  
Center, Philadelphia, PA, USA, Lehigh Valley Healthcare Network, Allentown,  
PA, USA

258 - Timing and Clinical Predictors of Early Versus Late Readmission Among  
Patients Hospitalized for Acute Heart Failure: Insights From ASCEND-HF

Marat Fudim, Andrew Ambrosy, Allison Dunning, Randall Starling, Justin  
Ezekowitz, Paul Armstrong, Marco Metra, Adriaan Voors, Christopher  
O'Connor, Adrian Hernandez, G. Michael Felker, Robert Mentz, Duke  
University, Durham, NC, USA

259 - Hemoconcentration During Management of Patients With Acute Heart  
Failure and Cardiorenal Syndrome: Insights From CARRESS-HF

Stephen Greene, G. Michael Felker, Jie Sun, Andrew Ambrosy, Bradley Bart,  
Javed Butler, Adam DeVore, Marat Fudim, Adrian Hernandez, Steven  
McNulty, Robert Mentz, Duke Clinical Research Institute, Durham, NC, USA



260 - Changes in Renal Perfusion Pressure During Hemodynamically Guided Therapy Is Associated With Worsening Renal Function  
Sula Mazimba, Peter McCullough, Mitchell Rosner, Eliany Mejia-Lopez, Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

261 - Time of Presentation Among Patients Hospitalized for Acute Heart Failure (Clinical Characteristics, Initial Therapies and Outcomes): Insights From ASCEND-HF

Lukasz Cerbin, Andrew Ambrosy, Paul Armstrong, Javed Butler, Adrian Coles, Justin Ezekowitz, Stephen Greene, Adrian Hernandez, Marco Metra, Christopher O'Connor, Randall Starling, Wai Hong Tang, John Teerlink, Adriaan Voors, Angie Wu, Robert Mentz, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

264 - A Simple Predictive Score for Pre-Admission Identification of Risk of 30-Day Hospital Readmission or Death in Heart Failure

Zhaohui Su, Tom Brecht, Richard Gliklich, Vandana Menon, OM1, Inc., Cambridge, MA, USA

265 - Improving Heart Failure Unit Readmission Prediction

Tom Quisel, Richard Milani, Luca Foschini, Evidation Health, San Mateo, CA, USA, Ochsner Medical Institutions, New Orleans, LA, USA

266 - A Bridge Over Water: Successful Implementation of a Heart Failure Bridge Clinic (HFBC) to Reduce Heart Failure (HF) Hospitalizations

Nisha Aggarwal Gilotra, Kimberly Cuomo, Abby Cummings, Bonnie Marino, Parker Rhodes, Johana Almansa, Julianne Chambers, Tasha B. Freitag, Tolulope Adesiyun, Stuart Russell, Johns Hopkins Hospital, Baltimore, MD, USA

250 - National Trends in Admissions and In-Hospital Mortality in Heart Failure Patients and Impact of the ACC/AHA Management Guidelines: Insight From the National Inpatient Sample (NIS)

Emmanuel Akintoye, Alexandros Briasoulis, Jarrett Weinberger, Luis Afonso, Wayne State University/Detroit Medical Center, Detroit, MI, USA

267 - Readmissions for Patients Discharged With Acute Decompensated Heart Failure and Reduced Versus Preserved Ejection Fraction: The Atherosclerosis Risk in Communities Study

Melissa Caughey, Sally Stearns, Amil Shah, Carla Sueta, Jo Rodgers, Wayne Rosamond, Patricia Chang, University of North Carolina, Chapel Hill, NC, USA

268 - Trends in 30-Day Outcomes Following Acute Heart Failure Hospitalizations in a Large Real World Database, 2008 - 2014

Ella Nkhoma, Cesare Russo, Zhenchao Guo, Bristol-Myers Squibb, Pennington, NJ, USA

269 - Performance of the Seattle Heart Failure Model in Patients Discharged After Acute Heart Failure Hospitalization

Song Li, Julio Nunez, Eduardo Nunez, Juan Sanchis, Wayne C. Levy, University of Washington, Seattle, WA, USA

262 - Impact of Hospital Ownership on In-Patient Mortality and Cost of Hospitalization in Patients Admitted for Heart Failure: Insight From the National Inpatient Sample (NIS)

Emmanuel Akintoye, Alexandros Briasoulis, Vwaire Orhurhu, Walid Ibrahim, Kartik Kumar, Hala Nas, Jarrett Weinberger, Wayne State University/Detroit Medical Center, Detroit, MI, USA

270 - Heart Failure Phenotyping by Latent Class Analysis Identifies Subpopulations at High Risk of Mortality and Readmissions: Insights From a Real World Database

Cesare Russo, Xiao Shao, Zhenchao Guo, Chelsea Jin, Leah Burns, Alice Goshorn, Sanjay Doddamani, Anastasia Christianson, Mary DeSouza, Bristol-Myers Squibb, Princeton, NJ, USA

271 - Identifying the Etiologies and Trends of 30 Day Readmissions in Heart Failure With Preserved Ejection Fraction (HFpEF) Patients: A National Population-Based Cohort Study

Hafeez Hassan, Shilpkumar Arora, Saman Setareh-Shenas, Nilay Patel, Robert Kornberg, Umesh Gidwani, Icahn School of Medicine at Mount Sinai St. Luke's West Hospital, New York, NY, USA, Mount Sinai Hospital, New York, NY, USA

272 - Educational Strategy for Management of Heart Failure Markedly Reduces 90-Day Emergency Department and Hospital Readmissions in Un- and Underinsured Patients

Vishwaratn Asthana, Miel Sundararajan, Vivek Karun, Ruth Ackah, Arunima Misra, Allison Pritchett, Angela Siler-Fisher, W. Frank Peacock, Ben Taub Emergency Department, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

251 - Seasonal Variation in In-Patient Mortality, Cost of Hospitalization and Length of Stay in Heart Failure Patients in the United States

Emmanuel Akintoye, Alexandros Briasoulis, Oluwole Adegba, Muhammad Adil Sheikh, Manmohan Singh, Abdelrahman Ahmed, Diane Levine, Wayne State University/Detroit Medical Center, Detroit, MI, USA

273 - Kidney Function, Angiotensin-Converting-Enzyme Inhibitor or Angiotensin II Receptor Blocker Use, and Survival Following Hospitalization for Heart Failure: A Cohort Study

Michael Chiu, Robert J. H. Miller, Bing Li, Stephen Wilton, Merril Knudtson, Jonathan Howlett, Mathew T. James, Libin Cardiovascular Institute, Calgary, Canada, University of Calgary, Calgary, Canada

274 - Impact of End Stage Renal Disease in Patients Hospitalized for Systolic and Diastolic Heart Failure: A Nationwide Analysis of 2013

Alejandro Lemor, Shawn Lee, Carlos Gongora, Abel Casso Dominguez, Davendra Mehta, Mount Sinai St. Luke's Hospital, New York, NY, USA

275 - Risk of Hospitalization or Death Due to Heart Failure With Intensive Glucose-Lowering Therapy in Diabetic Women: Subgroup Analyses by History of Cardiovascular Disease in the ACCORD Trial

Tejas Patel, Bereket Tesfaldet, Eileen Navarro Almario, Gyorgy Csako, George Sopko, Jerome Fleg, Ruth Kirby, Charu Gandotra, Helena Sviglin, Keith Burkhardt, Karim Calis, Jue Chen, Lawton Cooper, Frank Pucino, Neha Amin, Henry Chang, Sean Coady, Patrice Desvigne Nickens, Peter Kaufmann, Eric Leifer, Lijuan Liu, Subha Raman, Yves Rosenberg, Ahmed Hasan, Meta-Analytical Interagency Group (MATIG), National Heart, Lung, and Blood Institute, Bethesda, MD, USA

276 - The Impact of the Current Versus Prior Cardiac Resynchronization Guidelines on the Proportion of Hospitalized Heart Failure Patients Eligible for Therapy

Kristin J. Lyons, Justin Ezekowitz, Li Liang, Paul Heidenreich, Clyde Yancy, Adam DeVore, Adrian F. Hernandez, Gregg Fonarow, University of Calgary, Calgary, Canada, University of California Los Angeles, Los Angeles, CA, USA

277 - Cardiac Resynchronization Therapy With Versus Without a Defibrillator: Clinical Insights From Device Interrogation and Mode of Death Analysis  
Pieter Martens, Frederik Verbrugge, Petra Nijst, Matthias Dupont, Wilfried Mullens, Ziekenhuis Oost Limburg, Genk, Belgium

278 - Screening of Patients With Simple Clinical Parameters Early in Hospitalization Is Highly Sensitive for Detection of Heart Failure Hospitalization

Robin Fortman, Gopi Astik, Preeti Kansal, Hannah Alphs Jackson, Daniel Navarro, Allen Anderson, Charles Davidson, Clyde Yancy, Raja Mutharasan, Northwestern University, Chicago, IL, USA

279 - Among Older Heart Failure (HF) Patients With In-Hospital Acute Kidney Injury (AKI), an Improvement in Kidney Function Is Associated With a Higher Risk of Post-Discharge Mortality but Not Readmission



Phillip Hong Lam, Daniel Dooley, Poonam Bhyan, Paul W. Sanders, Gregg Fonarow, Wen-Chih Wu, Prakash C. Deedwania, Javed Butler, Charity Morgan, Sumanth Prabhu, Ravindra Mehta, Marc Blackman, Ross Fletcher, Wilbert Aronow, Anupam Agarwal, Stefan Anker, Richard Allman, Ali Ahmed, Georgetown University/Washington Hospital Center, Washington, DC, USA, DC Veterans Affairs Medical Center, Washington, DC, USA

280 - No MAGGIC in Predicting Heart Failure Readmissions  
Christopher Ting, Aditya Singh, Robert Solomon, Ahmad Murad, Ryan Woolley, Alexander Michaels, Henry Ford Hospital, Detroit, MI, USA

281 - Acute Decompensated Heart Failure: The Journey From Patients' Perspective  
Carl Wei-Chan Tong, Garima Sharma, Anne Rzeszut, Cynthia Bither, Katherine D. Byrd, Mary Walsh, American College of Cardiology, Washington, DC, USA, Texas A&M University Health Science Center, Temple, TX, USA

282 - Impact of an Inpatient Electronic Medical Record Heart Failure Checklist on Readmissions  
Mouin S. Abdallah, Kathleen Kravitz, Tim Sobol, Corinne Bott-Silverman, Randall Starling, Umesh Khot, Cleveland Clinic Foundation, Cleveland, OH, USA

283 - Clinical Efficacy of High-Flow Oxygen Therapy Through Nasal Cannula in Patients With Acute Heart Failure  
Min Gyu Kang, Hyun Woong Park, Jin-Sin Koh, Seok-Jae Hwang, Jin-Yong Hwang, Jong-Hwa Ahn, Yongwhi Park, Young-Hoon Jeong, Choong Hwan Kwak, Jeong-Rang Park, First Department of Internal Medicine, Gyeongsang National University School of Medicine, Jinju, South Korea

285 - The Prognostic Role of Prior Heart Failure Hospitalizations in Patients With Severe Symptomatic and Recurrent Heart Failure: Insights From ESCAPE  
Daniel Cheeran, Mark H. Drazner, Wai Hong Tang, Justin Grodin, UT Southwestern, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

286 - Intrarenal Renin Angiotensin System Activation: Pathophysiologic and Therapeutic Implications in Acute Decompensated Heart Failure  
Seethalakshmi Iyer, Denise Heublein, Sherry Benike, Laura Meems, Jerson Sangaralingham, John Burnett, Mayo Clinic, Rochester, MN, USA

287 - Correlation of Noninvasive Assessment of Lung Fluid Percentage With Invasively Measured Hemodynamics  
Nir Uriel, Gabriel Sayer, Gene Kim, Sirtaz Adatya, Nitasha Sarswat, Jayant Raikhelkar, Teruhiko Imamura, Daniel Roderger, Ronnie Abbo, Daniel Burkhoff, University of Chicago, Chicago, IL, USA

288 - Trends in Utilization of Inpatient Palliative Care Services and Racial Disparity of Disposition to Hospice Care Among Patients With Heart Failure in the United States Between 2003 and 2012  
Kasra Moazzami, Elena Dolmatova, James Maher, Pallavi Solanki, Marc Klapholz, Alfonso Waller, Department of Medicine, New Jersey Medical School, Newark, NJ, USA

289 - Severe Physical Inactivity Persists Following Acute Heart Failure in Patients With Sleep Disordered Breathing  
Gordon R. Reeves, David Whellan, Jonathan Rich, Stephen Gottlieb, Andrew Kao, Paul Mather, Brack Hattler, Christopher O'Connor, Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, USA

290 - Circulating Mitochondrial DNA Is Associated With Mortality in Patients With Acute Heart Failure  
Konstantin A. Krychtiuk, Max Lenz, Kurt Huber, Johann Wojta, Gottfried Heinz, Walter Speidl, Department of Internal Medicine II, Medical University of Vienna, Vienna, Austria

291 - Intestinal Fatty Acid Binding Protein Predicts Mortality in Patients With Acute Heart Failure or Cardiogenic Shock

Stefan Kastl, Konstantin Krychtiuk, Lenz Max, Johann Wojta, Gottfried Heinz, Walter Speidl, Department of Internal Medicine II - Division of Cardiology, Medical University of Vienna, Vienna, Austria

293 - Risk of Heart Failure in Systemic Sclerosis  
Chang Kim, Hussain Khalid, Arun Iyer, Toral Patel, Sadeer Al-Kindi, Guilherme Oliveira, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, School of Medicine, Case Western Reserve University, Cleveland, OH, USA

292 - Capacity for Heart Failure Diagnosis and Treatment in Sub-Saharan Africa: Analysis of the Access, Bottlenecks, Costs, and Equity Study in Kenya and Uganda  
Selma Carlson, Herbie Duber, Jane Achan, Gloria Ilikezi, Ali Mokdad, Andy Stergachis, Alexandra Wollum, Gene Bukhman, Gregory Roth, University of Washington, Seattle, WA, USA, Institute for Health Metrics and Evaluation, Seattle, WA, USA

294 - Identifying Non-Heart Failure Patients With Elevated NT-proBNP Levels in the Outpatient Setting: Opportunities for Prevention  
Abhinav Sood, Ling Li, Leslie Cho, Wai Hong Tang, Cleveland Clinic Foundation, Cleveland, OH, USA

295 - Relationship Between Incident Heart Failure and Dropout Rate in Randomized Clinical Trials of Antihypertensive Therapy  
William J. Kostis, Jeanne M. Dobrzynski, Jerry Cheng, Abel E. Moreyra, John B. Kostis, Cardiovascular Institute, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

296 - High Blood Pressure on Discharge From Acute Decompensated Heart Failure in Patients With Type 2 Diabetes Is Associated With Decreased 12-Month Mortality: Findings From the Gulf-Care  
Charbel Abi Khalil, Kadhim Sulaiman, Rajvir Singh, Amin Janyousi, Nidal Asaad, Khalid Al Habib, Alawi Alsheikh-Ali, Jassim Al Suwaidi, Gulf aCute heArt failuRe rEgistry (GULF-CARE), Weill Cornell Medicine-Qatar, Doha, Qatar, Heart Hospital-Hamad Medical Corporation, Doha, Qatar

#### Heart Failure and Cardiomyopathies - Scientific Session #627

**Should I Stay or Should I Go? Tough Cases in MCS and Transplant**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Joseph Cleveland

Co-Chair: James Mudd

Panelist: Maya Guglin

Panelist: Sean Pinney

Panelist: Joseph Rogers

Panelist: Scott Silvestry

2:00 p.m.

Selection Strategy in Drug Refractory Ventricular Arrhythmia  
Shashank S. Desai  
Falls Church, VA

2:05 p.m.

Panel Discussion

2:20 p.m.

Selection Strategy in Restrictive Cardiomyopathy  
Shashank S. Desai  
Falls Church, VA

2:25 p.m.

Panel Discussion

2:45 p.m.

Selection Strategy in Severe Cardiomyopathy with Chronic Kidney Disease





Shashank S. Desai  
Falls Church, VA

2:50 p.m.  
Panel Discussion

3:10 p.m.  
Selection Strategy in Biventricular Dysfunction and Pulmonary Hypertension  
Shashank S. Desai  
Falls Church, VA

3:15 p.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific Session #628

#### Can You See Me Now? Sensors For Monitoring Heart Failure

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: William Abraham  
Co-Chair: G. William Dec, JR  
Panelist: Lee Goldberg  
Panelist: Omer Inan  
Panelist: Liviu Klein  
Panelist: Jagmeet Singh  
Panelist: Lynne Stevenson

2:00 p.m.  
Don't Shock Me - Electrophysiologic Sensors for Monitoring Heart Failure  
Jagmeet Singh  
Boston, MA

2:08 p.m.  
Panel Discussion

2:00 p.m.  
Under Pressure: Pulmonary Artery Sensors  
Lynne Stevenson  
Boston, MA

2:23 p.m.  
Panel Discussion

2:30 p.m.  
Be Careful What You Wish for! Integrating Sensors Into Clinical Practice  
Lee Goldberg  
Philadelphia, PA

2:38 p.m.  
Panel Discussion

2:45 p.m.  
Haute Couture - Engineering the Future of Wearable Sensors  
Omer Inan  
Atlanta, GA

2:53 p.m.  
Panel Discussion

3:00 p.m.  
Does it Fit? Clinical Perspectives on Wearable Sensors  
Livia Klein  
San Francisco, CA

3:08 p.m.  
Panel Discussion

3:15 p.m.  
Three Challenging Patient Cases Using Sensors  
Lisa Rathman  
Stevens, PA

3:23 p.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions

#### Session #1177M

##### Hormones and Heart Failure

Friday, March 17, 2017, 3:45 p.m. - 4:30 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater,  
Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Justin Vader

ACC Poster Moderator: Celeste T. Williams

3:45 p.m.  
Low Urinary Cgmp/Bnp Ratio Is Associated With Worse Outcomes in Heart Failure but Is Increased by Treatment With Sacubitril/Valsartan: An Analysis of Paradigm-HF  
Pardeep Jhund, Jean Rouleau, Karl Swedberg, Michael Zile, Martin Lefkowitz, Margaret Prescott, Victor Shi, Scott Solomon, Milton Packer, John McMurray, University of Glasgow, Glasgow, United Kingdom

3:55 p.m.  
Question and Answer

4:00 p.m.  
Long-Term Exogenous Brain Natriuretic Peptide After Myocardial Infarction Interferes With Restorative Cardiac Remodeling  
Yuefeng Chen, Steven J. Youmans, Youhua Zhang, Eric Kupferstein, A. Martin Gerdes, New York Institute of Technology, Old Westbury, NY, USA, Texas Tech University Health Science Center, El Paso, TX, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Estrogen Deprivation Aggravates Cardiometabolic Dysfunction and Intracellular Calcium Dyshomeostasis in Obese-Insulin Resistance Rats

Siripong Palee, Wanitchaya Minta, Duangkamol Mantor, Wissuta Sutham, Wasana Pratchayasakul, Siriporn Chattipakorn, Nipon Chattipakorn, Cardiac Electrophysiology Research and Training Center, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, Department of Oral Biology and Diagnostic Science, Faculty of Dentistry, Chiang Mai University, Chiang Mai, Thailand

4:25 p.m.  
Question and Answer

### Heart Failure and Cardiomyopathies - Hands-on Skills Learning Session #1509

#### Personalized Skills Center: Hands-On Simulation - Heart Failure and Valvular Heart Disease

Friday, March 17, 2017, 4:45 p.m. - 5:45 p.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

4:45 p.m.  
Heart Failure and Valvular Heart Disease  
Matthew W. Martinez  
Allentown, PA



### Heart Failure and Cardiomyopathies - Scientific Session #641

#### Genetic Testing for Cardiomyopathies

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 144 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Barry Maron

Co-Chair: Mary N. Walsh

Panelist: Ray Hershberger

Panelist: Martin Maron

4:45 p.m.

Case Presentation in Familial Dilated Cardiomyopathy

Michael Givertz

Boston, MA

4:50 p.m.

Panel Discussion

4:55 p.m.

Genetic Testing for Dilated Cardiomyopathy: Is it Ready for Prime-time

Ray Hershberger

Columbus, OH

5:05 p.m.

Case Presentation in Hypertrophic Cardiomyopathy

Ethan Rowin

Boston, MA

5:10 p.m.

Panel Discussion

5:15 p.m.

Genetic Testing for Hypertrophic Cardiomyopathy: Diagnosis, Phenotype and Prognostic Considerations

Martin Maron

Boston, MA

5:25 p.m.

Case Presentation in Arrhythmogenic Right Ventricular Dysplasia

Thomas Callahan

Cleveland, OH

5:30 p.m.

Panel Discussion

5:35 p.m.

Implications of Genetic Testing for Arrhythmogenic Right Ventricular Dysplasia

Harikrishna S. Tandri

Baltimore, MD

5:45 p.m.

Incorporating Genetic Testing Into Clinical Practice - The Role of the Genetic Counselor

Shana Merrill

Philadelphia, PA

5:50 p.m.

Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific Session #642

#### Special Hearts: The Challenge of Heart Failure in Congenital Heart Disease

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 146 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Alistair Phillips

Co-Chair: Anne Marie Valente

4:45 p.m.

Managing Heart Failure in ACHD: Do Conventional Therapies Work?

Eric Krieger

4:53 p.m.

Question and Answer

4:57 p.m.

Catheter-based Interventions in ACHD

Barry Love

New York, NY

5:05 p.m.

Question and Answer

5:09 p.m.

SCD Prevention and CRT in ACHD: Do the Guidelines Apply?

Joris de Groot

Amsterdam, Netherlands

5:17 p.m.

Question and Answer

5:21 p.m.

MCS in ACHD: Can We Overcome the Anatomic Barriers?

Joseph Turek

Iowa City, IA

5:29 p.m.

Question and Answer

5:33 p.m.

ACHD and Heart Transplant: Challenges and Opportunities

Michael Landzberg

Boston, MA

5:41 p.m.

Question and Answer

5:45 p.m.

Challenging ACHD Case: What Should I Do?

Jennifer Grando-Ting

San Francisco, CA

5:53 p.m.

Panel Discussion

### Heart Failure and Cardiomyopathies - Clinical Focus Session #1600

#### The Great K Debate Continues: Updates and Controversies in Heart Failure Management

Friday, March 17, 2017, 6 p.m. - 8:30 p.m.

Ballroom A

CME Hours: /CNE Hours:

6:00 p.m.

Dinner

Chair: Alison Bailey



6:30 p.m.

Introduction to Session and ARS Technology: CME Done Differently

Alison Bailey

Chattanooga, TN

6:40 p.m.

Review the Current Landscape

Peter A. McCullough

Dallas, TX

7:10 p.m.

Understanding Side-effect Management

Bertram Pitt

Ann Arbor, MI

7:25 p.m.

Understanding Side-effect Management

Navin Rajagopalan

Lexington, KY

7:40 p.m.

Case Challenges: Caring for the Hyper K Patient - from Drugs to Dialysis

Hector O. Ventura

New Orleans, LA

8:00 p.m.

Case Challenges: Caring for the Hyper K Patient - from Drugs to Dialysis

Sean Patrick Pinney

New York, NY

8:25 p.m.

Concluding Remarks

Alison Bailey

Chattanooga, TN

### Heart Failure and Cardiomyopathies - Scientific

#### Session #655

#### Recognition of Specific Etiologies and Phenotypes in Heart Failure: Time for Precision

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Savitri Fedson

Co-Chair: Gerasimos Filippatos

Panelist: Jagat Narula

Panelist: Grace Lin

Panelist: Margaret Redfield

Panelist: Michael Felker

Panelist: Biykem Bozkurt

8:00 a.m.

Greater Precision: The MOGE(S) Classification for Phenotype-Genotype of Cardiomyopathy

G. William Dec, JR

Boston, MA

8:15 a.m.

Etiology of Cardiomyopathy Matters: One Treatment Does not Fit All

Biykem Bozkurt

Houston, TX

8:30 a.m.

Identifying Targets for Therapy in HFpEF

Margaret Redfield

Rochester, MN

8:45 a.m.

Newer Imaging and Diagnostic Modalities in Heart Failure

Grace Lin

Rochester, MN

9:00 a.m.

The Role of Biomarkers in Heart Failure: Holy Grail or Holy Cow?

Michael Felker

Durham, NC

9:15 a.m.

Panel Discussion

### Heart Failure and Cardiomyopathies - Oral Contributions

#### Session #902

#### Highlighted Original Research: Heart Failure and Cardiomyopathies and the Year in Review

Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David DeNofrio

Co-Chair: Lee Goldberg

8:00 a.m.

Year in Review Speaker

Christopher M. O'Connor

8:12 a.m.

Mortality and Morbidity in Patients With Heart Failure and Reduced Ejection Fraction Exposed to Digoxin: Comprehensive Data According to Atrial Fibrillation in 23,708 Patients From the Swedish Heart Failure Registry

Gianluigi Savarese, Giuseppe Rosano, Camilla Hage, Ulf Dahlstrom, Paul Hauptman, Lars Lund, Lars H. Lund, Stockholm, Sweden

8:22 a.m.

Discussion

8:25 a.m.

Higher Beta-Blocker Dose Versus Lower Heart Rate in Patients With Heart Failure Due to Systolic Dysfunction

Tarek Ajam, Samer Ajam, Srikanth Devaraj, Stephen Sawada, Masoor Kamalesh, Indiana University School of Medicine, Indianapolis, IN, USA

8:35 a.m.

Discussion

8:38 a.m.

Sustained Clinical Benefit of Cardiac Resynchronization Therapy in Patients With Relatively Preserved Ejection Fraction: A MADIT-CRT Long-Term Follow-Up Sub-Study

Katherine Vermilye, Usama Daimee, Scott Solomon, Scott McNitt, Wojciech Zareba, Arthur Moss, Valentina Kutyla, University of Rochester Medical Center, Rochester, NY, USA, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

8:48 a.m.

Discussion

8:51 a.m.

Increased Tumor Necrosis Factor- $\alpha$  Levels in Patients With Continuous-Flow Left Ventricular Assist Devices Mediate Vascular Instability and Are Associated With Higher Non-Surgical Bleeding

Corey Tabit, Mitchell Coplan, Phetcharat Chen, Valluvan Jeevanandam, Nir Uriel, James Liao, The University of Chicago, Chicago, IL, USA

9:01 a.m.

Discussion

9:04 a.m.

Changes in Citric Acid Metabolism Are Associated With the Development of Anthracycline-Induced Cardiotoxicity in Mice and in Patients



Aarti Asnani, Xu Shi, Laurie Farrell, Robert Tainsh, Sara Vandenwijngaert, Kai-Hung Cheng, Emmanuel Buys, Robert Gerszten, Marielle Scherrer-Crosbie, Massachusetts General Hospital, Boston, MA, USA

9:14 a.m.  
Discussion

9:17 a.m.  
Cardiac Myosin Binding Protein-C De-Phosphorylation Mediated Slowing of Cross-Detachment Worsens Heart Failure

Carl Wei-Chan Tong, Paola Rosas, David Kidwell, Yang Liu, Texas A&M University HSC College of Medicine, Temple, TX, USA, Baylor Scott & White Health, Temple, TX, USA

9:27 a.m.  
Discussion

### Heart Failure and Cardiomyopathies - Hands-on Skills Learning Session #1510

#### Personalized Skills Center: Hands-On Simulation - Acute Heart Failure

Saturday, March 18, 2017, 8:30 a.m. - 9:30 a.m.

Personalized Skills Center, East Salon AB  
CME Hours: /CNE Hours:

8:30 a.m.  
Acute Heart Failure  
Jacqueline E. Tamis-Holland  
New York, NY

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1199

#### Heart Failure and Cardiomyopathies: Heart Failure Gadgets Galore

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - High Procedural and Device Related Success With the CardioMEMS HF System for Heart Failure: Observations From the CardioMEMS™ Post Approval Study

David Mark Shavelle, William Abraham, Robert Bourge, Rita Jermyn, Maria Rosa Costanzo, Lynne Stevenson, University of Southern California, Los Angeles, CA, USA

244 - Wireless Monitoring for Heart Failure Patients: A Meta-Analysis  
Kofi Marfo Osei, M. D. Joseph, Mark Ebell, Piedmont Athens Regional Medical Center, Athens, GA, USA, Yale - Bridgeport Hospital, Bridgeport, CT, USA

245 - Frailty as a Predictor of Negative Outcomes After Cardiac Resynchronization Therapy  
Agnieszka Mlynarska, Rafal Mlynarski, Krzysztof Golba, Medical University of Silesia, Katowice, Poland, Upper Silesian Heart Centre, Katowice, Poland

246 - Super-Response to Cardiac Resynchronization Therapy in Heart Failure Patients With Left Bundle Branch Block and Homogeneous Left Ventricular Contraction Pattern

Zhiyong Qian, Ningchao Tao, Yao Wang, Xiaofeng Hou, Jiangang Zou, Department of Cardiology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China

247 - Use of Wearable Cardioverter Defibrillator Associated With Clinical Guideline Compliance in Management of Heart Failure With Reduced Ejection Fraction

Emily Keltner, Amelia Roebuck, Andrew Yde, Michael Mirro, Parkview Health, Fort Wayne, IN, USA

248 - Elevated Pulmonary Vascular Resistance Predicts Poor Response to Cardiac Resynchronization Therapy

Jiangjin Li, Haifeng Zhang, Hao Zhang, Yao Wang, Peibing Ge, Ningchao Tao, Xiaofeng Hou, Jiangang Zou, Department of Cardiology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China

249 - Assessment of Left Ventricular Contraction Patterns Using Gated SPECT MPI to Improve Cardiac Resynchronization Therapy Response  
Ningchao Tao, Haipeng Tang, Yuanhao Qiu, Weihua Zhou, Zhiyong Qian, Yao Wang, Xiaofeng Hou, Jiangang Zou, Department of Cardiology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China, School of Computing, University of Southern Mississippi, Long Beach, MS, USA

250 - Myocardial Contractile Reserve Verified With Dual Chamber Right Ventricular Pacing Predicts Response to Cardiac Resynchronization Therapy  
Stian Ross, Hans Henrik Odland, Thor Edvardsen, Richard Cornelussen, Lars Ove Gammelsrud, Erik Kongsgaard, Oslo University Hospital, Oslo, Norway

251 - Baseline Serum High Density Lipoprotein Cholesterol Level Predicts Long-Term Clinical Outcomes in Patients With Heart Failure Receiving Cardiac Resynchronization Therapy

Shangyu Liu, Jiarui Mi, Shengwen Yang, Wei Hua, Zhimin Liu, Shu Zhang, Fuwai Hospital and National Center for Cardiovascular Diseases, CAMS & PUMC, Beijing, People's Republic of China

252 - Quality of Life Measured With Euroqol-5D Questionnaire Predicts Long Term Mortality and Echocardiographic Response in CRT Patients  
Klaudia Vivien Nagy, Gábor Széplaki, András M. Boros, Péter Perge, Astrid Apor, Annamária Kosztin, Levente Molnár, László Gellér, Bela Merkely, Semmelweis University Heart and Vascular Center, Budapest, Hungary

253 - Guideline-Directed Medical Therapy Before CRT: Is It Always Necessary?

Gregory Sinner, You W. Lin, Samy elayi, Maya Guglin, University of Kentucky, Lexington, KY, USA

254 - A Meta-Analysis of Randomized Controlled Trials on Vagus Nerve Stimulation for the Heart Failure Management  
Gilson Fernandes, Amanda Fernandes, Rhanderson Cardoso, Manuel Rivera, Guilherme Nasi, Gustavo Soares Fernandes, University of Miami/Jackson Memorial Hospital, Miami, FL, USA

255 - Percutaneous Renal Sympathetic Denervation Improves the Cardiac Function And Reduces Icd (Electrical) Discharges in Severe Heart Failure Patients With Narrow Qrs Complexes and Icd Implantation  
Wei Yang, Jin Hui-Gen, Department of Cardiology, Putuo Hospital, Shanghai University of Traditional Chinese Medicine, Shanghai, People's Republic of China, Department of Cardiology, Shanghai Putuo District Central Hospital, Shanghai, People's Republic of China

256 - Bioimpedance Algorithms in Implantable Electronic Cardiac Devices: Relevant Diagnostics or Waste of Time?  
Christophe Smeets, Frederik Verbrugge, Julie Vranken, Jo Van der Auwera, Wilfried Mullens, Matthias Dupont, Lars Grieten, Hélène De Cannière, Dorien Lanssens, Thijs Vandenberg, Valerie Storms, Inge Thijs, Pieter Vandervoort, Hospital East-Limburg, Genk, Belgium, Mobile Health Unit, Hasselt, Belgium

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1200

#### Novel Imaging and Therapies in Heart Failure

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

257 - Gestational Hypertension and Preeclampsia Are Associated With Subclinical Left Ventricular Systolic and Diastolic Dysfunction  
Livia Florentina Trasca, Natalia Patrascu, Diana Mihalcea, Laura Lungeanu, Sorina Mihaila, Ramona Bruja, Manuela Neagu, Monica Cirstoiu, Simona





Albu, Dragos Vinereanu, University and Emergency Hospital, Bucharest, Romania

258 - Rethinking the Role of Coronary Angiography in the Evaluation of Heart Failure With Reduced Ejection Fraction in Young Patients

John Hollowed, Pooya Banankhah, Carmen Flores, Mario Roman, Grecia Marquez, Gracia Viana, Juan Sequeira Gross, Juani Nieto, Ronney Shantouf, Olive View-UCLA Medical Center Department of Cardiology, Sylmar, CA, USA

259 - Effect of Paroxetine Treatment on Left Ventricular Remodeling in an In Vivo Rat Model of Myocardial Infarction

Thomas Ravn Lassen, Jan Nielsen, Steen Kristiansen, Hans Botker, Department of Cardiology, Aarhus University Hospital, Aarhus N, Denmark, Department of Clinical Medicine, Aarhus University Hospital, Aarhus N, Denmark

260 - Global Longitudinal Strain in Patients With New Left Ventricular Systolic Dysfunction After Anticancer Targeted Therapies

Robert Hamburger, Yan Gong, Jan Moreb, Carl Pepine, Alexandra Lucas, Anita Szady, University of Florida College of Medicine, Gainesville, FL, USA

261 - Novel Infarct Sparing Drug Protects the Heart Against Ischemia-Reperfusion (I/R) Injury

Nicolas Noiseux, Samer Mansour, Henry Aceros, Louis-Mathieu Stevens, Shant DerSarkissian, CHUM, Montreal, Canada

262 - Unmasking Diastolic Failure

Josh Ford Grant, Sunayana Udaya Kumar, Joshua Harris, Frank Smart, Louisiana State University, New Orleans, LA, USA

263 - Evaluation of Left Ventricular Systolic Function After Renal Sympathetic Denervation by Layer-Specific Two-Dimensional Speckle Tracking Imaging

Yan Jia, Wei Hu, Zhi-Yu Zhao, Hong-Ning Song, Jin-Ling Chen, Rui-Qiang Guo, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1201

#### Advances in HCM, PPCM and Other Cardiomyopathies

Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

264 - NEOD001 Demonstrates Cardiac Biomarker Responses in Patients With Light Chain Amyloidosis: Results From the Phase 1/2 Study

Michaela Liedtke, Raymond Comenzo, Heather Landau, Vaishali Santhorawala, Brendan Weiss, Jeffrey Zonder, Jackie Walling, Gene Kinney, Martin Koller, Dale B. Schenk, Spencer Guthrie, Enchi Liu, Morie Gertz, Stanford University School of Medicine, Stanford, CA, USA, Prothena Biosciences Inc., South San Francisco, CA, USA

265 - Misdiagnosis of Cardiac Amyloidosis Type by Standard Immunohistochemistry

Avinainder Singh, Hallie Geller, Carolyn Glass, Tara Mirto, Robert Padera, Richard Mitchell, Rodney Falk, Brigham & Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

266 - Differential Effects of Amyloidosis on Right Ventricular Longitudinal and Circumferential Fiber Function

Upasana Jarori, Noel Dasgupta, Zach Richardson, Deborah Green-Hess, Harvey Feigenbaum, Stephen Sawada, Indiana University Health, Indiana University School of Medicine, Indianapolis, IN, USA

267 - Utility of Routine Serum Free Light Chain Assay for Amyloidosis in Patients With Heart Failure

Ian Chang, Angela Dispenzieri, Grace Lin, Barry Karon, Allan Jaffe, Kyle Klarich, Martha Grogan, Mayo Clinic, Rochester, MN, USA

268 - Atrial Thrombus in Patients With Cardiac Amyloidosis: Prevalence and Implications for Therapy

Sneha Vakamudi, Brett Sperry, Mazen Hanna, Walid Saliba, Oussama Wazni, Wael Jaber, Cleveland Clinic Foundation, Cleveland, OH, USA

269 - VE/VCO<sub>2</sub> Is a Powerful Predictor of Mortality in Wild-Type Transthyretin Amyloidosis

Adil Yunis, Gheorghe Doros, Ivan Luptak, Lawreen Connors, Flora Sam, Boston Medical Center, Boston, MA, USA

271 - Risk Profiles and Clinical Outcomes in Patients With Non-Obstructive, Labile and Obstructive Hypertrophic Cardiomyopathy

Dai-Yin Lu, Theodore Abraham, Johns Hopkins University, Baltimore, MD, USA

270 - Yield and Long-Term Outcome of Family Screening in Hypertrophic Cardiomyopathy

Hannah Van Velzen, Arend F. L. Schinkel, Rogier A. Oldenburg, Marjon A. van Slegtenhorst, Michelle Michels, Erasmus Medical Center, Rotterdam, The Netherlands

273 - Integrating Myocardial Strain and Exercise Performance Into Prognostication of Hypertrophic Cardiomyopathy

Kegan Moneghetti, Davide Stolfo, Jeffrey Christle, Yukari Kobayashi, Gherardo Finocchiaro, Gianfranco Sinagra, Jonathan Myers, Euan Ashley, Francois Haddad, Matthew Wheeler, Stanford Cardiovascular Institute, Palo Alto, CA, USA

274 - Childbirth Related Complications in Women With Hypertrophic Cardiomyopathy

Amitoj Singh, Sahil Agrawal, Kanika Samra, Sajeev Saluja, Uzma Tariq, Lohit Garg, Rasha Aurshiya, Mark Fegley, Yugandhar Manda, Sudip Nanda, Jamshid Shirani, St. Luke's University Health Network, Bethlehem, PA, USA

275 - Younger Age, Positive Family History and Reverse Curve Morphology Predict Informative Results From Gene Panel Analysis for Hypertrophic Cardiomyopathy (HCM)

Akriti Naraen, Victoria McKay, Wern Yew Ding, Debar Rasoul, Matthew Shaw, Archana Rao, David Wright, Timothy Fairbairn, John Somauroo, Rod Stables, Simon Modi, Saagar Mahida, Derick Todd, Robert Cooper, Liverpool Heart and Chest Hospital, Liverpool, United Kingdom, Liverpool Womens Hospital, Liverpool, United Kingdom

276 - Comparison of Clinical Characteristics and Long-Term Outcomes in Patients With Hypertrophic Cardiomyopathy With Different Obstruction Locations

Xiying Guo, Chaomei Fan, Yinjian Yang, Shuoyan An, Shanshan Zhai, Fujian Duan, Fei Hang, Yishi Li, Key Laboratory of Clinical Trial Research in Cardiovascular Drugs, Ministry of Health, Fuwai Hospital, Beijing, People's Republic of China

277 - Diagnostic Value of Metabolite Profiling in Hypertrophic Cardiomyopathy

Yuichi J. Shimada, Laurie Farrell, Robert Gerszten, Michael Fifer, Massachusetts General Hospital, Boston, MA, USA

278 - Marked Respiratory Related Variation in LVOT Gradients in Hypertrophic Cardiomyopathy in Obese HCM Patients With Sleep-Disordered Breathing

Renuka Jain, Martin Osranek, M. Fuad Jan, Lindsey Kalvin, Susan Olet, Suhail Allaqaband, Bijoy Khandheria, A. Jamil Tajik, Aurora Health Care, Milwaukee, WI, USA

279 - Non-Familial Hypertrophic Cardiomyopathy: Prevalence, Natural History and Clinical Implications

Jodie Ingles, Charlotte Burns, Richard Bagnall, Lien Lam, Laura Yeates, Tanya Sarina, Raj Puranik, Tom Briffa, John Atherton, Tim Driscoll, Christopher



Semsarian, Molecular Cardiology, Centenary Institute, Sydney, Australia, Sydney Medical School, University of Sydney, Sydney, Australia

280 - Unique Characteristics of the Mitral Valve in Patients With Hypertrophic Cardiomyopathy Have Emerged Using Real-Time Three Dimensional Transesophageal Echocardiography

Erifili Venieri, Constantina Aggeli, Aris Anastasakis, Elisavet Sfendouraki, Christodoulos Stefanadis, Dimitris Tousoulis, First Department of Cardiology, Hippokratio Hospital, University of Athens, Athens, Greece

281 - Extended Course of Recovery in Patients With Peripartum Cardiomyopathy Assessed by Left Ventricular Wall Distensibility

Masataka Sugahara, Dennis McNamara, Lori Blauwet, Rami Alharethi, Paul Mather, Kalgi Modi, Richard Sheppard, Vinay Thohan, Gretchen Wells, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

282 - Breastfeeding Is Not Associated With Worse Outcomes in Peripartum Cardiomyopathy

Melinda Davis, Kris Kawamoto, Elizabeth Langen, Elizabeth Jackson, University of Michigan, Ann Arbor, MI, USA

283 - Multi-Fetal Gestation, Breastfeeding, Delivery Method and Myocardial Recovery in Peripartum Cardiomyopathy: Results From the Multicenter IPAC Study

Amy Marino, Agnes Koczo, Arun Jeyabalan, Uri Elkayam, Leslie Cooper, James Fett, Dennis McNamara, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

284 - Population Demographics of Patients Diagnosed With Peripartum Cardiomyopathy: Study Involving 1,450 Patients

Rakshita Chandrashekar, Srihari Ravi, St. John Hospital and Medical Center, Detroit, MI, USA

285 - Long-Term Outcomes of Childhood Left Ventricular Non-Compaction: Results From a National Population-Based Study

William Shi, Piers Daubeney, Alan Nugent, Gary Sholler, Robert Justo, Jim Ramsay, Terry Robertson, Margarita Betancur, Andrew Davis, Steven Colan, Ingrid King, Robert Weintraub, Royal Children's Hospital, Melbourne, Australia

286 - Systolic Dysfunction Without LV Dilatation in a Cohort of Patients With Lamin A/C Cardiomyopathy

Victoria Nicole Parikh, Myriam Amsallem, Francois Haddad, Euan Ashley, Matthew Wheeler, Center for Inherited Cardiovascular Diseases, Dept. of Medicine, Stanford Univ. School of Medicine, Stanford, CA, USA

287 - Extended Remission and Late Re-Decompensation of Dilated Cardiomyopathy Associated With a Novel Ribonucleic Acid Binding Motif Protein 20 (RBM20) Mutation

Rodrigo Mendirichaga, Celso De La Cruz Luque, Jeffrey Smith, Rhanderson Cardoso, Nanette Bishopric, University of Miami Miller School of Medicine, Miami, FL, USA

288 - Tako Tsubo Cardiomyopathy or Myocarditis?

Roberta Montisci, Maria Francesca Marchetti, Cristina Cacace, Michela Congia, Francesca Sirigu, Valentina Vallascas, Luigi Meloni, Clinical Cardiology, University of Cagliari, Cagliari, Italy

289 - Takotsubo Cardiomyopathy (TCM) Increases Risk of Lethal Arrhythmias Rama Dilip Gajulapalli, Amit Arbune, Deepak Pattanshetty, Cleveland Clinic, Cleveland, OH, USA

290 - High Versus Standard Protein Diets in Obese Patients With Heart Failure: Effects on Chronic Disease Risks

Lorraine S. Evangelista, Dawn Lombardo, Tamara Horwich, Michele Hamilton, Gregg Fonarow, University of California Irvine, Irvine, CA, USA, University of California Los Angeles, Los Angeles, CA, USA

291 - Impact of Obesity on the Outcomes of Stress Cardiomyopathy: An Analysis of National Inpatient Sample

Ram Belbase, Saurabh Aggarwal, Ryan Walters, Venkata Alla, Creighton University, Omaha, NE, USA

292 - The Prevalence and Clinical Significance of Compacted Myocardium in Dilated Cardiomyopathy: A Contrast Echocardiography Study

Marin Nishimura, Darrin Wong, Sachiyo Igata, Daniel Blanchard, Andrew Kahn, Anthony N. DeMaria, University of California, San Diego, San Diego, CA, USA

293 - Increased Prevalence of Left Ventricular Noncompaction in Certain Populations May Confer Increased Risk of Catastrophic Events

Josh Ford Grant, Joshua Harris, Frederick Helmcke, Frank Smart, Louisiana State University, New Orleans, LA, USA

294 - Hyperthyroidism Increases the Risk of Takotsubo Cardiomyopathy Among Hospitalized U.S. Patients

Akintunde M. Akinjero, Oluwole Adegba, Tomi Akinyemiju, Icahn School of Medicine at Mount Sinai, New York, NY, USA, University of Alabama at Birmingham, Birmingham, AL, USA

295 - Living in a Food Desert Is Associated With an Early Hazard of Death and Hospitalization in Heart Failure Patients

Paris McAllister, Heval Mohamed Kelli, Andreas Kalogeropoulos, Vasiliki Georgiopolou, Javed Butler, Alanna Morris, Emory University School of Medicine, Atlanta, GA, USA, Morehouse School of Medicine, Atlanta, GA, USA

296 - Systemic Arterial Pulsatility Index (SAPI) Predicts Adverse Outcomes in Advanced Heart Failure Patients

Sula Mazimba, Timothy Welch, Peter McCullough, Khadijah Breathett, Jose Tallaj, James Bergin, Jamie Kennedy, Lavone Smith, Mohammad Abuannadi, Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions

#### Session #1216M

#### The Old and the New: Impact of Heart Failure Drug Therapies

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Edo Y. Birati

ACC Poster Moderator: Akshay S. Desai

9:45 a.m.

Influence of Sacubitril/Valsartan on Glycemic Control in Patients With Type 2 Diabetes and Heart Failure With Reduced Ejection Fraction

Jelena Seferovic, Sara Seidemann, Brian Clagett, Milton Packer, Michael Zile, Jean Rouleau, Karl Swedberg, Martin Lefkowitz, Victor Shi, Akshay S. Desai, John J. V. McMurray, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Safety of Alpha Blockers in Patients With Heart Failure

Alberta L. Warner, Zunera Ghaznavi, Lingyun Lu, Cynthia Jackevicius, VA Greater Los Angeles, Los Angeles, CA, USA, UCLA, Los Angeles, CA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Liraglutide and Weight Loss Among Patients With Advanced Heart Failure and a Reduced Ejection Fraction: Insights From the FIGHT Trial



Andrew P. Ambrosy, Abhinav Sharma, Steven McNulty, Barry Borlaug, Thomas Cappola, Lauren Cooper, Adam DeVore, Shannon Dunlay, Anu Lala-Trindade, Kenneth Margulies, Robert Mentz, Eric Velazquez, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NY, USA

10:25 a.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Hands-on Skills Learning

#### Session #1511

#### Personalized Skills Center: Hands-On Simulation - Heart Failure and Valvular Heart Disease

Saturday, March 18, 2017, 10:45 a.m. - 11:45 a.m.

Personalized Skills Center, East Salon AB

CME Hours: /CNE Hours:

10:45 a.m.

Heart Failure and Valvular Heart Disease

Matthew W. Martinez

Allentown, PA

### Heart Failure and Cardiomyopathies - Scientific

#### Session #669

#### Distinct Phenotypes in HFpEF: Beyond Ejection Fraction

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Anita Deswal

Co-Chair: Paul J. Mather

10:45 a.m.

Diagnostic Evaluation of Patients with Dyspnea and Normal LVEF

John Gorcsan

10:57 a.m.

The Challenge of ATTR Cardiac Amyloid: Is it Treatable?

Mathew Maurer

New York, NY

11:09 a.m.

Management of patients with HFpEF and Pulmonary HTN

Myung Park

Houston, TX

11:21 a.m.

Case Presentation

Barry Borlaug

Rochester, MN

11:26 a.m.

Case Discussion

11:34 a.m.

Case Presentation

Mathew Maurer

New York, NY

11:39 a.m.

Case Discussion

11:47 a.m.

Case Presentation

Tina Shah

Houston, TX

11:53 a.m.

Case Discussion

12:01 p.m.

Case Presentation

Selma Mohammed

Washington, DC

12:06 p.m.

Case Discussion

### Heart Failure and Cardiomyopathies - Scientific

#### Session #670

#### Heart Failure Patient Care: Transitioning the Cost, Care and Context: Joint Heart Failure Society of America and American College of Cardiology

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul A. Heidenreich

Co-Chair: Marvin A. Konstam

10:45 a.m.

#### Evolving Cost Models of Care—Who Pays and for What

10:45 a.m.

CMS Bundled Payments Initiative and Network Agreements or CMS

Viewpoint

Karen Joynt

Boston, MA

10:55 a.m.

What Constitutes "value care" in Heart Failure?

Paul A. Heidenreich

Palo Alto, CA

11:05 a.m.

Question and Answer

11:15 a.m.

#### The Heart Failure Clinic Revisited

11:15 a.m.

Who Pays for the Infrastructure?

Raja Kannan Mutharasan

Chicago, IL

11:25 a.m.

New Technology: Who, When and How?

Wai Hong Wilson Tang

Cleveland, OH

11:35 a.m.

Question and Answer

11:45 a.m.

#### Team Management: Practicalities and Pitfalls

11:45 a.m.

Managing the Minutiae: PCP, ANP, RN, HFMD Singing Kumbaya

Lorraine Evangelista

Irvine, CA

11:55 a.m.

The Caregiver: What Do They Need From the Team?

Eric D. Adler

San Diego, CA

12:05 p.m.

Question and Answer



### Heart Failure and Cardiomyopathies - International Session #521

**Systemic Organ Involvement in Heart Failure: International Perspectives From the German Cardiac Society, Hellenic Society of Cardiology, and American College of Cardiology**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 145 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul J. Mather  
Co-Chair: Stefanos Foussas  
Co-Chair: Benny J. Levenson

12:30 p.m.  
Introduction to Session  
Paul J. Mather  
Philadelphia, PA

12:35 p.m.  
Anemia in Cardiorenal Syndrome: From Pathophysiology to Therapeutic Considerations  
Kyriakos Yiangou  
Nicosia, Cyprus

12:46 p.m.  
Biomarkers in Heart Failure: Beyond Natriuretic Peptides  
Hugo A. Katus  
Heidelberg, Germany

12:57 p.m.  
Co-morbidities in Heart Failure  
Michael Boehm  
Homburg / Saar, Germany

1:08 p.m.  
Worsening Renal Function in Acute Heart Failure: Is it Really Bad?  
Konstantinos P. Tsioufis  
Penteli, Greece

1:19 p.m.  
Discussion

### Heart Failure and Cardiomyopathies - Scientific Session #686

**The Heavy Heart: Practicing Heart Failure Cardiology in an Obesity Epidemic**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 144 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Carl Lavie  
Panelist: Luc Djousse  
Panelist: Tamara Horwich  
Panelist: Javed Butler  
Panelist: Amanda Vest  
Panelist: Peter A. McCullough

12:30 p.m.  
The Epidemiology of Heart Failure and Obesity  
Luc Djousse  
Boston, MA

12:40 p.m.  
Panel Discussion

12:45 p.m.  
Adipokines and Gut Hormones: Mediators of the Obesity-Heart Failure Relationship  
Tamara Horwich  
Los Angeles, CA

12:55 p.m.  
Panel Discussion

1:00 p.m.  
Should We Advise Obese Patients with Heart Failure to Lose Weight  
Javed Butler  
Stony Brook, NY

1:10 p.m.  
Panel Discussion

1:15 p.m.  
Medical and Lifestyle Strategies for Weight Loss in Heart Failure  
Amanda Vest  
Boston, MA

1:25 p.m.  
Panel Discussion

1:30 p.m.  
Is There a Role for Bariatric Surgery in Heart Failure Patients with Obesity?  
Peter A. McCullough  
Dallas, TX

1:40 p.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific Session #687

**Meeting of the Minds: HF and EP Decision Making for Complex Patients**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 146 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jason Katz  
Co-Chair: Bradley Knight  
Panelist: Francis Marchlinski  
Panelist: Mandeep Mehra  
Panelist: Vivek Yerrapu Reddy  
Panelist: Erica Zado  
Panelist: Forum Kamdar

12:30 p.m.  
A High Risk Patient for Atrial Fibrillation Ablation  
David Frankel  
Philadelphia, PA

12:40 p.m.  
Panel Discussion

12:48 p.m.  
Who Is the High Risk Patient in the EP Lab?  
Gregory Supple  
Philadelphia, PA

12:58 p.m.  
Panel Discussion

1:06 p.m.  
Percutaneous Hemodynamic Support in the EP Lab  
Vivek Yerrapu Reddy  
New York, NY

1:16 p.m.  
Panel Discussion

1:24 p.m.  
LVAD versus High Risk VT Ablation





Forum Kamdar  
Minneapolis, MN

1:34 p.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions

#### Session #1226M

#### Put Your Codon! Genetic Insights Into Heart Failure

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater,  
Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Eric D. Adler

ACC Poster Moderator: Ali Nsaïr

12:30 p.m.  
Genetics of Heart Rate Observational Study (GenHRate)  
Kaleigh L. Evans, Heidi Wirtz, Jia Li, Ruicong She, Juan Maya, Christophe Depre, Andrew Hamer, David Lanfear, Henry Ford Hospital, Detroit, MI, USA, Amgen, Thousand Oaks, CA, USA

12:40 p.m.  
Question and Answer

12:45 p.m.  
G-Protein Receptor Kinase 5 Polymorphisms and Outcomes in the African American Heart Failure Trial: Results From the Genetic Risk Assessment of Heart Failure in African-Americans Sub-Study  
Amber E. Johnson, Karen Hanley-Yanez, Clyde Yancy, Anne Taylor, Arthur Feldman, Dennis McNamara, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

12:55 p.m.  
Question and Answer

1:00 p.m.  
A Human Fetal Up-Regulated LncRNA Triggers Endogenous Heart Regeneration by Dephosphorylation of Mitotic Centromere-Associated Kinesin  
Yanmei Chen, Xinzhong Li, Guojun Chen, Lintao Zhong, Xiang He, Chixiong Huang, Bing Li, Hairui Li, Shifei Wang, Yuanwen Jing, Jianping Bin, Department of Cardiology, Nanfang Hospital, Southern Medical University, Guangzhou, People's Republic of China

1:10 p.m.  
Question and Answer

1:15 p.m.  
Paricalcitol Effects on Heart Failure in Experimental Metabolic Syndrome: New Pathways Discovered Using Next Generation Sequencing  
Ragesh Panikkath, Chep Yego, Rao Kottapalli, Sharma Prabhakar, Texas Tech University Health Sciences Center, Lubbock, TX, USA, Texas Tech University, Lubbock, TX, USA

1:25 p.m.  
Question and Answer

1:30 p.m.  
Circulating Free and Exosomal MicroRNAs as Biomarkers of Systemic Response to Heart Failure  
Faheemullah Beg, Ruizhong Wang, Zeb Saeed, Srikanth Devaraj, Masoor Kamalesh, Hari Krishna Nakshatri, Richard L. Roubush VAMC, Indianapolis, IN, USA, IU School of Medicine, Indianapolis, IN, USA

1:40 p.m.  
Question and Answer

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1248

#### Heart Failure and Cardiomyopathies: What Next When All Else Is Failing?

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - Impact of Cardiac Devices on Readmission and Short Term Mortality in Patients With Heart Failure With Reduced Ejection Fraction: A Nationwide Study

Varun Kumar, Byomesh Tripathi, Shilpkumar Arora, Prashant Patel, Sopan Lahewala, Chirag Savani, Nilay Patel, Harshil Shah, Umesh Gidwani, Apurva Badheka, Abhishek Deshmukh, Alan Rozanski, Radha Gopalan, Mount Sinai St. Luke's Roosevelt, New York, NY, USA, St. Peter's University Hospital, New Brunswick, NJ, USA

244 - The Cardiac Myosin Activator, Omecamtiv Mecarbil, Improves Left Ventricular Myocardial Deformation in Chronic Heart Failure (COSMIC-HF)  
Tor Biering-Sorensen, John Teerlink, G. Michael Felker, John McMurray, Fady Malik, Narimon Honarpour, Maria Laura Monsalvo, James Johnston, Scott D. Solomon, Division of Cardiology, Brigham & Women's Hospital and Harvard Medical School, Boston, MA, USA

245 - The Impact of Glucagon Like Peptide-1 Agonist Therapy on Heart Rate in Advanced Systolic Heart Failure: An Analysis From the Functional Impact of GLP-1 for Heart Failure Treatment Study

Amanda R. Vest, Seth N. Meltzer, Jie-Lena Sun, Steven McNulty, Kevin Anstrom, Gordon S. Huggins, Michael S. Kiernan, David DeNofrio, Marvin A. Konstam, Tufts Medical Center, Boston, MA, USA, Duke Clinical Research Institute, Durham, NC, USA

246 - Outcomes of Intra-Aortic Balloon Pump Use in Myocarditis Complicated by Cardiogenic Shock

Gbolahan Ogunbayo, Odunayo Olorunfemi, Ayman Elbadawi, Deola Saheed, Maya Guglin, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

247 - A Weaning Marker From Venous-Arterial Extra Corporeal Membrane Oxygenation Using a Novel Microcirculatory Imaging

Sakir Akin, Dinis dos Reis Miranda, Kadir Caliskan, Osama Soliman, Atila Kara, Ard Struijs, Robert J. van Thiel, L. S. D. Jewbali, Alex Lima, Diederik Gommers, Felix Zijlstra, Can Ince, Erasmus MC Rotterdam, Rotterdam, The Netherlands

248 - Impact of Left Ventricular Assist Devices on Acute Myocardial Infarction and Heart Failure Mortality and Readmission Measures

Eric Brandt, Nihar Desai, Yale University, New Haven, CT, USA

249 - The Role of Gender on Mesenchymal Stem Cell Therapy in Non-Ischemic Dilated Cardiomyopathy: A Sub-Analysis of the POSEIDON-DCM Trial

Victoria Florea, Ana M. Landin, Angela M. Castellanos, Makoto Natsumeda, Bryon A. Tompkins, Courtney Premer, Darcy L. Difede, Wayne Balkan, Ivonne H. Schulman, Joshua Hare, University of Miami School of Medicine, Interdisciplinary Stem Cell Institute, Miami, FL, USA

250 - Hemophagocytic Lymphohistiocytosis Associated With Implantation of Ventricular Assist Devices and Outcomes Following Subsequent Orthotopic Heart Transplantation (OHT)

Paul Cheng, Margot Davis, Richard Ha, Beth Martin, Dipanjan Banerjee, Stanford University, Stanford, CA, USA

251 - Evaluation of Changes in Weight as Part of Frailty Assessment in Patients With Advanced Heart Failure Receiving a Left Ventricular Assist Device

Margarita Chernovolenko, Omar Jimenez, Sergio Teruya, Stephen Helmke, Julissa Alvarez, Mathew Maurer, Columbia University, New York, NY, USA, Mount Sinai Beth Israel, New York, NY, USA



252 - Impact of Cardiogenic Shock with or without Mechanical Circulatory Support on Short-Term and Long-Term Survival in Heart Failure Hospitalizations

Lavone Smith, Anthony Peters, Paul Corotto, Travis Moss, Kenneth Bilchick, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

254 - Impact of Surgical Bleeding on the Cost of Hospitalization for Left-Ventricular Assist Device Implantation

Katherine Lietz, Christopher Barreiro, Jonathan Philpott, Claudia Flink, Michael McGrath, John Herre, Sentara Heart Hospital, Norfolk, VA, USA, Sentara Cardiovascular Research Institute, Norfolk, VA, USA

253 - Etiology and Predictors of 30-Day Unplanned Readmission Rates After Left Ventricular Assist Device Placement

Shanti Patel, Priti Poojary, Sumeet Pawar, Aparna Saha, Achint Patel, Kinsuk Chauhan, Pratik Mondal, Jignesh Patel, Ashish Correa, Shiv Kumar Agarwal, Arjun Saradna, Ravikaran Patti, Girish Nadkarni, Vijay Shetty, Maimonides Medical Center, Brooklyn, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

255 - Preoperative Predictors of Surgical Bleeding With Implantation of Durable Mechanical Circulatory Support Devices

Katherine Lietz, Christopher Barreiro, Jonathan Philpott, Claudia Flink, Michael McGrath, John Herre, Sentara Heart Hospital, Norfolk, VA, USA, Sentara Cardiovascular Research Institute, Norfolk, VA, USA

256 - Spironolactone Therapy for Cardiomyopathy in Duchenne Muscular Dystrophy

Michelle Ploutz, Ryan Moore, Masatoshi Ashiki, Bethany Wisotzkey, BreAnn Taylor, Christopher Spurney, Michael Taylor, John Jefferies, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, Children's National Medical Center, Washington, DC, USA

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1249

#### Cardiac Fibrosis and Heart Failure: The Next Frontier

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

257 - Influence of Biomarkers of Inflammation, Myocardial Fibrosis, Catecholamines on the Survival of Congestive Heart Failure Patients Undergoing Cardiac Resynchronization Therapy

Vadim A. Kuznetsov, Tatiana Enina, Olga Nochrina, Tatiana Petelina, Anna Soldatova, Dmitriy Krinochkin, Alexandr Rychkov, Tyumen Cardiology Research Center, Tomsk National Research Medical Center, Tomsk, Russian Federation

258 - Impaired Autophagic Flux Contributes to the Accumulation of Ubiquitinated Proteins in a Mouse Model of Heart Failure

Justin Hartupee, Abhinav Diwan, Philip Barger, Douglas Mann, Washington University School of Medicine, St. Louis, MO, USA

260 - The Cross-Talk of Salidroside on Tgf- $\beta$ /Smads and Wnt/ $\beta$ -catenin Signaling Pathway in the Myocardial Fibrosis After Acute Myocardial Infarction in Rats and Its Correlation With Galectin-3

Jie Ma, Lihong Ma, State Key Laboratory of Cardiovascular Disease, National Center for Cardiovascular Diseases, Beijing, People's Republic of China, Fuwai Hospital, Chinese Academy of Medical Science & Peking Union Medical College, Beijing, People's Republic of China

263 - Relations Between Fibrosis-Linked Micrornas (Mir-21, Mir-26, Mir-29, Mir-30 and Mir-133a) and Right Ventricular Morphology and Function in Dilated Cardiomyopathy

Pawel Rubis, Justyna Totorń-Żurańska, Sylwia Wisniewska-Smialek, Katarzyna Holcman, Paweł Wołkow, Ewa Wypasek, Joanna Natorka, Lucyna Rudnicka-Sosin, Agnieszka Pawlak, Artur Kozanecki, Piotr Podolec, Department of Cardiac and Vascular Diseases, John Paul II Hospital, Krakow, Poland

261 - T3 Peptide, an Active Fragment of Tumstatin, Stimulates Migration of Cardiac Fibroblasts and Exerts Cytoprotective Effect on H9c2 Cardiomyoblasts

Jumpei Yasuda, Kana Fukui, Muneyoshi Okada, Hideyuki Yamawaki, Laboratory of Veterinary Pharmacology, School of Veterinary Medicine, Kitasato University, Towada, Japan

262 - Associations Between Serum Markers of Extracellular Matrix Metabolism, Fibrosis-Linked Micrornas (Mir-21, Mir-26, Mir-29, Mir-30 And Mir-133a) and Right Ventricular Parameters in Dilated Cardiomyopathy

Pawel Rubis, Justyna Totorń-Żurańska, Sylwia Wisniewska-Smialek, Katarzyna Holcman, Ewa Wypasek, Lucyna Rudnicka-Sosin, Maria Kołton-Wróz, Paweł Wołkow, Artur Kozanecki, Piotr Podolec, Department of Cardiac and Vascular Diseases, John Paul II Hospital, Krakow, Poland

### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1250

#### Emerging Developments in HFpEF and Arrhythmias

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

264 - Left Ventricular Mechanical Properties Assessed by Single Beat Method in Early Stages of Diastolic Dysfunction/Heart Failure With Preserved Ejection Fraction

Himanshu Gupta, Oleg F. Sharifov, Chun S. Schiros, Jose Tallaj, Inmaculada Aban, Sumanth Prabhu, Louis J. Dell'Italia, Thomas Denney, University of Alabama at Birmingham, Birmingham, AL, USA

265 - The Role of Pulmonary Function Test in Patients With Heart Failure With Preserved Ejection Fraction: Looking Beyond Chronic Obstruction Pulmonary Disease

Wei Ming Huang, Hao-Min Cheng, Tsu-Hui Shiao, Chen-Huan Chen, Wen-Chung Yu, Shih-Hsien Sung, Taipei Veterans General Hospital, Taipei, Taiwan, ROC, National Yang-Ming University, Taipei, Taiwan, ROC

266 - The Role of Diastolic Stress Testing in the Evaluation for Heart Failure With Preserved Ejection Fraction: An Invasive-Echocardiographic Study

Masaru Obokata, Garvan Kane, Yogesh Reddy, Thomas Olson, Vojtech Melenovsky, Barry Borlaug, Division of Cardiovascular Diseases, Mayo Clinic, Rochester, MN, USA

267 - Arterial Reserve Limitations in Heart Failure With Preserved Ejection Fraction and the Beneficial Effects of Sodium Nitrite

Yogesh N. V. Reddy, Mads Andersen, Masaru Obokata, Katlyn Koepp Borlaug, Vojtech Melenovsky, Thomas Olson, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

269 - Paradoxical Impact of Proportional Pulse Pressure on Mortality in Patients With Heart Failure With Preserved Ejection Fraction

Takeshi Kitai, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

270 - Prevalence of Transthyretin Cardiac Amyloidosis in Patients With Heart Failure and Preserved Ejection Fraction Using the <sup>99m</sup>Tc-Pyrophosphate Scintigraphy

Saberio Lo Presti, Sofia Horvath, Veronica McCloskey, Orlando Santana, The Columbia University Division of Cardiology at the Mount Sinai Heart Institute, Miami Beach, FL, USA, Department of Medicine at Mount Sinai Medical Center, Miami Beach, FL, USA

271 - Influence of Left Ventricular Ejection Fraction on Cause-Specific Mortality in Heart Failure With Preserved Ejection Fraction: The TOPCAT Trial  
Navkaranbir S. Bajaj, Brian Claggett, Eldrin Lewis, Akshay S. Desai, James Fang, Eileen Omeara, Sanjiv Shah, Nancy Sweitzer, Jerome Fleg, Bertram Pitt, Jean Rouleau, Peter Finn, Marc Pfeffer, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA



272 - Prognostic Significance of Left Ventricular Diastolic Dysfunction Progression in Patients With Heart Failure With Preserved Ejection Fraction: The I-PRESERVE Trial

Cesare Russo, Chelsea Jin, Lin Tao, Kaushal Desai, Alice Goshorn, Mark Donovan, Agata Ptaszynska, Bristol-Myers Squibb, Princeton, NJ, USA

273 - Sex Differences in Risk Factors for Longitudinal Changes in Left Ventricular Diastolic Function: The Rotterdam Study

Oscar L. Rueda-Ochoa, Marco A. Smiderle Gelain, Jaap Deckers, Dimitris Rizopoulos, Klodian Dhana, Albert Hofman, Oscar H. Franco, Maryam Kavousi, Department of Epidemiology, Erasmus University Medical Center, Rotterdam, The Netherlands, School of Medicine Faculty of Health, Universidad Industrial de Santander, Bucaramanga, Colombia

274 - The Association of Thick Left Ventricular Hypertrophy With Cardiovascular Outcomes in Heart Failure With Preserved Ejection Fraction: Insights From the TOPCAT Trial

Sonia Garg, Justin Grodin, Takeshi Kitai, Wai Hong Tang, Mark H. Drazner, University of Texas Southwestern Medical Center, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

275 - Effect of Diabetes Mellitus on Pulsatile Arterial Load and Hemodynamics in HFpEF

Julio A. Chirinos, Payman Zamani, Zeba Hashmath, Maheshwara Reddy Koppula, Amer Ahmed Syed, Priyanka Bhattacharya, Jugal Chahwala, Harry G. Oldland, Rachana Miller, Uzma Kewan, Swapna Varakantam, Ali Tariq, Timothy S. Phan, Scott Akers, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, USA, Philadelphia VA Medical Center, Philadelphia, PA, USA

268 - Utility of Cardiopulmonary Exercise Testing to Diagnose and Phenotype Heart Failure With Preserved Ejection Fraction

Yogesh N. V. Reddy, Thomas Olson, Masaru Obokata, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

276 - Early Diastolic Mitral Annular Velocity at Peak Exercise Determines Peak Aerobic Exercise Capacity in Heart Failure With Preserved Ejection Fraction

Cory Trankle, Justin Canada, Leo Buckley, Salvatore Carbone, Dave L. Dixon, Ross Arena, Benjamin Van Tassel, Antonio Abbate, Virginia Commonwealth University, Richmond, VA, USA, University of Illinois at Chicago, Chicago, IL, USA

277 - Serum Sodium Is Associated With Mortality in Heart Failure With Preserved Ejection Fraction in the U.S. Veteran Population

Tasnim F. Imran, Katherine E. Kurgansky, Yash Patel, Ariela Orkaby, Robert McLean, Kelly Cho, David R. Gagnon, Yuk-Lam Ho, J. Michael Gaziano, Luc Djousse, Jacob Joseph, VA Boston Healthcare System, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

278 - Impact of Serial Heart Failure Health Status on Clinical Outcomes in HFpEF: A Static or Dynamic Phenomenon?

Yevgeniy Khariton, Yashashwi Pokharel, Michael Nassif, Yuanyuan Tang, Philip Jones, Suzanne Arnold, John Spertus, Saint Luke's Mid-America Heart Institute, Kansas City, MO, USA

279 - Hospitalization Burden of Diastolic Heart Failure in the United States: 2007-2012

Sagar Mallikethi-Reddy, Fayeze Siddiqui, Alexandros Briasoulis, Naveen Trehan, Said Ashraf, Anupama Kottam, Shaun Cardozo, Luis Afonso, Melvyn Rubenfire, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

280 - Differences Between Ethnic Groups in Comorbidities Do Not Influence Readmission Risk in Patients With Heart Failure and Preserved Ejection Fraction

Ruth Hsiao, Nghia Nguyen, Anya Narezkina, Barry Greenberg, UCSD, La Jolla, CA, USA

281 - Impact of Rv Dysfunction and End-Diastolic Pulmonary Artery Pressure Estimated From Analysis of Tricuspid Regurgitant Velocity Spectrum in Patients With Preserved Ejection Fraction

Yan Topilsky, Udi Rothschild, Guy Baruch, Tel Aviv Medical Center, Tel Aviv, Israel

282 - Age Specific Hemodynamic Features in HFPEF: Implications for Therapy  
Shane Nanayakkara, Mark Haykowsky, Justin Mariani, Vanessa Van Empel, Micha Maeder, Donna Vizi, David Kaye, Alfred Hospital, Melbourne, Australia, Baker IDI Heart and Diabetes Institute, Melbourne, Australia

283 - Measures of Ventricular-Arterial Coupling and Incident Heart Failure Preserved Ejection Fraction: A Matched Case-Control Analysis

Carolyn Lekavich, Debra Barksdale, Virginia Neelon, Jamie Crandell, Jia-Rong Wu, Eric Velazquez, Duke University, Durham, NC, USA, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

284 - Decreased Heart Rate Variability Is Associated With Increased Cardiac Iron Deposit Determined by Cardiac T2\* MRI and Decreased Left Ventricular Function in Transfusion Dependent Thalassemia Patients

Sintip Pattanakuhar, Arintaya Phrommintikul, Adisak Tantiworawit, Sasikarn Konginn, Somdej Srichairattanakool, Siriporn Chattipakorn, Nipon Chattipakorn, Chiang Mai University, Chiang Mai, Thailand

285 - Association Between CD4<sup>+</sup> Lymphocyte Count and Left Ventricular Diastolic Function and Geometry in Newly Diagnosed Highly Active Antiretroviral Therapy (HAART) Naive HIV/AIDS Patients Seen at University of Port Harcourt Teaching Hospital, Port Harcourt, Rivers State

Abaram Chesa Mankwe, Osaretan J. Odia, Federal Medical Centre, Yenagoa, Nigeria, University of Port Harcourt Teaching Hospital, Port Harcourt, Nigeria

286 - Atrial Fibrillation Link to Excess Mortality in Patients With Left Ventricular Dysfunction: Linked to Rapid Ventricular Response or Independent Prognostic Marker?

Giovanni Benfari, Clemence Antoine, Wayne Miller, Hector Michelena, Vuyisile Nkomo, Maurice Sarano, Mayo Clinic, Rochester, MN, USA

287 - Bleeding Risk of Direct Oral Anticoagulants Compared With Warfarin in Patients With Atrial Fibrillation and Heart Failure

Lingyun Lu, Alberta Warner, Zunera Ghaznavi, Donald Chang, Nikolas Tubert, Cynthia Jackevicius, California Northstate University College of Pharmacy, Elk Grove, CA, USA, VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA

288 - Risk of Stroke and Thromboembolism for Heart Failure With and Without Atrial Fibrillation

Si-Hyuck Kang, Joonghee Kim, Jin-Joo Park, Il-Young Oh, Chang-Hwan Yoon, Kyuseok Kim, Dong-Ju Choi, Seoul National University Bundang Hospital, Seongnam-Si, South Korea

289 - Higher Ambulatory Heart Rates Predict Increased Long Term Mortality in Patients With Hfref

Masoor Kamalesh, Tarek Ajam, Samer Ajam, Srikant Devaraj, VA Medical Center, Indiana University, Indianapolis, IN, USA

290 - Is Continuous Outpatient Milrinone Therapy Appropriate in Stage D Heart Failure Patients With Underlying Ventricular Tachycardia

Ahmed Harhash, James Cassuto, Ahmed Hussein, Emmanuel Achu, Marshall Rovner, Mark Zucker, Marc Goldschmidt, David Baran, Morristown Medical Center, Morristown, NJ, USA, Newark Beth Israel Medical Center, Newark, NJ, USA



291 - Implantable Cardioverter Defibrillators for the Prevention of Mortality in Patients With Non-Ischemic Cardiomyopathy: A Meta-Analysis of Randomized Control Trials

Wally A. Omar, Akhil Parashar, Rohan Khera, Ambarish Pandey, University of Texas Southwestern Medical Center, Dallas, TX, USA

292 - Prognostic Role of Ventricular-Arterial Coupling in Patients With Left Ventricular Dysfunction Submitted to Cardiac Resynchronization Therapy  
Federica De Vecchi, Eleonora Prenna, Enrico Boggio, Miriam Gravellone, Andrea Magnani, Eraldo Occhetta, Paolo Marino, Clinical Cardiology, AOUI Maggiore della Carità, Novara, Italy

293 - Myocarditis, Heart Failure and Arrhythmias in Patients With Zika  
Karina Auristela Gonzalez Carta, Ivan Mendoza, Igoor Morra, Ivan Mendoza, Francesca Misticchio, Yolimar Meza, Vicente Finizola, Gerardo Chazzin, Juan Marques, Instituto de Medicina Tropical, Caracas, Venezuela

294 - Diagnostic Utility of Goldberger's Electrocardiographic Triad in Predicting Left Ventricular Dysfunction in Chagas' Heart Disease

Diego Araza Garaygordobil, Edgar Alexander Illescas González, Luis Marroquin Donday, Aloha Meave, Erick Alexanderson Rosas, Gabriela Melendez Ramirez, Instituto Nacional de Cardiología "Ignacio Chávez", Ciudad de México, Mexico

295 - Effects of Age and Comorbidities on Outcomes in Patients With Heart Failure From HF-ACTION

Kishan S. Parikh, Daniel Forman, Daniel Wojdyla, Robert Mentz, Jerome Fleg, William Kraus, Dalane Kitzman, Duke Clinical Research Institute, Durham, NC, USA

296 - Left Ventricular Hypertrophy and Subsequent Cardiovascular Risk: Does It Matter How It Is Diagnosed?

Manan Pareek, Evan Fletcher, Muthiah Vaduganathan, Deepak L. Bhatt, Søren S. Petersen, Line R. Pedersen, Margrét Leósdóttir, Michael H. Olsen, Odense University Hospital, Odense C, Denmark, Brigham and Women's Hospital, Boston, MA, USA

### Heart Failure and Cardiomyopathies - International Session #523

**The Burden of Heart Failure: International Perspectives From the Chilean Society of Cardiology, Colombian Society of Cardiology, and American College of Cardiology**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul J. Mather

Co-Chair: Roberto Concepcion

Co-Chair: Enrique Melgarejo Rojas

2:00 p.m.

Introduction to Session

Paul J. Mather  
Philadelphia, PA

2:05 p.m.

Traditional and New Biomarkers in CHF

Pablo Castro  
Santiago, Chile

2:16 p.m.

New Insight Into Trypanocidal Treatment: The BENEFIT & STOP-CHAGAS Trials

Carlos A. Morillo  
Hamilton, Canada

2:27 p.m.

Advanced Tissue Phenotyping in Nonischemic Cardiomyopathy

Kenneth B. Margulies  
Philadelphia, PA

2:38 p.m.

Which Are the Best Policies to Improve Adherence and Prevent Rehospitalization in Patients With Recent Acute Heart Failure?

Douglas Greig  
Toronto, Canada

2:49 p.m.

Chagas is Coming: Five Things That a Cardiologist in Non-Endemic Countries Needs to Know

Luis Eduardo Echeverria Correa  
Floridablanca, Colombia

3:00 p.m.

Discussion

### Heart Failure and Cardiomyopathies - Scientific Session #702

**The Forgotten Chamber: The Right Ventricle in Heart Failure**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mark H. Drazner

Co-Chair: Myung Park

2:00 p.m.

How To Assess RV Function: Imaging, Hemodynamics, or Both?  
Thomas Gerard Di Salvo

2:10 p.m.

Question and Answer

2:15 p.m.

RV Failure in HFrEF: Managing Failure From Both Sides  
J. Rame  
Philadelphia, PA

2:25 p.m.

Question and Answer

2:30 p.m.

RV Failure in HFpEF: Therapeutic and Prognostic Implications  
Marco Guazzi  
20141 Milano, Italy

2:40 p.m.

Question and Answer

2:45 p.m.

Drug Therapy and Device Options in Acute RV Failure  
Paul Forfia  
Philadelphia, PA

2:55 p.m.

Question and Answer

3:00 p.m.

RV Failure After LVAD: Predictable and Preventable?  
Jeffrey Teuteberg  
Pittsburgh, PA

3:10 p.m.

Question and Answer

3:15 p.m.

Challenging Case of RV Failure





Eman Hamad  
Philadelphia, PA

3:25 p.m.  
Case Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific

#### Session #703

#### Role of Newer ICD Technologies for the Prevention of Sudden Cardiac Death

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Fred M. Kusumoto  
Co-Chair: Jonathan Piccini  
Panelist: Mina Chung  
Panelist: Andrew E. Epstein  
Panelist: N. A. Mark Estes, III  
Panelist: Jagmeet Singh  
Panelist:  
Jonathan Steinberg  
Ridgewood, NJ

2:00 p.m.  
Case Presentation - Subcutaneous ICD  
Benjamin Adam Steinberg  
Sandy, UT

2:05 p.m.  
Panel Discussion

2:15 p.m.  
Subcutaneous ICDs: Who, When and Why?  
Jonathan Steinberg  
Ridgewood, NJ

2:25 p.m.  
Case Presentation - Wearable Cardioverter Defibrillator  
Parikshit Sharma  
Richmond, VA

2:30 p.m.  
Panel Discussion

2:40 p.m.  
Who Are the Best Patients for a Wearable Cardioverter Defibrillator?  
Andrew E. Epstein  
Philadelphia, PA

2:50 p.m.  
Should We Use a Vest in Newly Diagnosed Nonischemic Cardiomyopathy Patients?  
Mina Chung  
Cleveland, OH

3:00 p.m.  
Should We Use a Vest in Newly Diagnosed Nonischemic Cardiomyopathy Patients?  
Jagmeet Singh  
Boston, MA

3:10 p.m.  
Rebuttal Pro  
M. Chung;  
Cleveland Clin. Lerner Col. of Med. of, Cleveland, OH.

3:15 p.m.  
Rebuttal Con

J. Singh;  
Cardiac Arrhythmia Service, MA Gen. Hos, Boston, MA.

3:20 p.m.  
What Does the Future Hold for Leadless Pacing and ICDs?  
N. A. Mark Estes, III  
Boston, MA

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions

#### Session #1265M

#### Risky Business: Predicting Outcomes in Heart Failure

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater,  
Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Alan T. Kono  
ACC Poster Moderator: Shane LaRue

3:45 p.m.  
The HOSPITAL Readmission Model Poorly Predicts 30-Day Rehospitalization in Heart Failure

Antonio Perez, Kevin Chagin, Alexander Milinovich, Xinge Ji, James Pavlescak, Michael Kattan, Wai Hong Tang, Randall Starling, Cleveland Clinic, Cleveland, OH, USA

3:55 p.m.  
Question and Answer

4:00 p.m.  
Chronotropic Incompetence and Long-Term Risk of Heart Failure: The Henry Ford Exercise Testing Project  
Waqas Qureshi, Amjad Ahmed, Michael Blaha, Clinton Brawner, Jonathan K. Ehrman, Daniel Kupsky, Steven Keteyian, Haitham Ahmed, Mouaz Al-Mallah, Henry Ford Hospital, Detroit, MI, USA, King Abdulaziz Medical City, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia

4:10 p.m.  
Question and Answer

4:15 p.m.  
A Novel Clinical Score (InterTAK Score) to Distinguish Takotsubo Syndrome From Acute Coronary Syndrome  
Annahita Sarcon, Christian Templin, Thomas F. Luscher, Jelena Ghadri, Milosz Jaguszewski, University Hospital Zurich, Zurich, Switzerland, University of Southern California, Los Angeles, CA, USA

4:25 p.m.  
Question and Answer

### Heart Failure and Cardiomyopathies - Scientific

#### Session #715

#### Cardiogenic Shock: Drugs to Devices

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 144 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Christian Bermudez  
Co-Chair: Marwa Sabe  
Panelist: Larry A. Allen  
Panelist: Tara Hrobowski  
Panelist: Simon Maltais  
Panelist: Francis D. Pagani  
Panelist: Barbara Pisani

4:45 p.m.  
Treating Cardiogenic Shock: Challenging Cases and Complications  
Tara Hrobowski  
Atlanta, GA



4:57 p.m.

Hemodynamic Monitoring and Drug Therapy for Cardiogenic Shock  
Barbara Pisani  
Winston Salem, NC

5:09 p.m.

Short-Term Mechanical Support in Cardiogenic Shock....So Many Devices  
Simon Maltais  
Nashville, TN

5:21 p.m.

What a Cardiologist Needs to Know About ECMO  
Francis Pagani  
Ann Arbor, MI

5:33 p.m.

Prolonging the Inevitable: Incorporating Palliative Care Earlier in the Dying Process  
Larry A. Allen  
Aurora, CO

5:45 p.m.

Cardiogenic Shock: Drugs to Devices ( Question and Answer)

### Heart Failure and Cardiomyopathies - Scientific

#### Session #716

##### Pregnancy and Heart Disease

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 146 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michael Givertz

Co-Chair: Sharon Rubin

Panelist: Zoltan Arany

Panelist: Katherine Arendt

Panelist: Ananth Karumanchi

Panelist: Lisa D. Levine

Panelist: Dennis M. McNamara

Panelist: Ayan R. Patel

5:15 p.m.

Valvular Heart Disease in Pregnancy  
Ayan R. Patel  
Boston, MA

4:45 p.m.

Pre-eclampsia - Short and Long Term Cardiovascular Risks  
Ananth Karumanchi  
Boston, MA

4:55 p.m.

Peripartum Cardiomyopathy – Genetic Basis  
Zoltan Arany  
Merion Station, PA

5:05 p.m.

Peripartum Cardiomyopathy – Long term Outcomes and Management Options  
Dennis McNamara  
Pittsburgh, PA

5:25 p.m.

Cardiovascular Emergencies in Pregnancy  
Katherine Arendt  
Rochester, MN

5:35 p.m.

Cardiovascular Disease in Pregnancy: The Obstetrician's Perspective  
Lisa D. Levine  
Philadelphia, PA

5:45 p.m.

Case Based Panel Discussion

### Heart Failure and Cardiomyopathies - Clinical Focus

#### Session #1603

##### Next Steps to Optimal Medical Therapy for Heart Failure Patients

Saturday, March 18, 2017, 6 p.m. - 8:30 p.m.

Ballroom B

CME Hours: /CNE Hours:

6:00 p.m.

Dinner

Chair: Clyde W. Yancy

6:30 p.m.

Introduction to Session and ARS Technology: CME Done Differently  
Clyde W. Yancy  
Chicago, IL

6:40 p.m.

Review the Current Landscape  
Akshay S. Desai  
Boston, MA

7:00 p.m.

Heart Failure Case Challenges  
Larry A. Allen  
Aurora, CO

7:00 p.m.

Heart Failure Case Challenges  
Biykem Bozkurt  
Houston, TX

8:00 p.m.

Panel Discussion: Practical Approaches to Guideline-driven Heart Failure Care

8:25 p.m.

Concluding Remarks  
Clyde W. Yancy  
Chicago, IL

### Heart Failure and Cardiomyopathies - International

#### Session #525

##### Heart Failure: Implementing the Guidelines Into Practice; A Clinical Case-Based Symposium: International Perspectives From the European Society of Cardiology and the American College of Cardiology

Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.

Room 145 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mary N. Walsh

Co-Chair: Stefan D. Anker

8:00 a.m.

A Case of Heart Failure With Reduced Ejection Fraction and Atrial Fibrillation  
Cecilia Linde  
Stockholm, Sweden

8:15 a.m.

Discussion

8:22 a.m.

A Case of Heart Failure With Preserved Ejection Fraction  
Amanda Vest  
Boston, MA

8:37 a.m.

Discussion



8:44 a.m.

A Case of Cardiogenic Shock After Myocardial Infarction  
Hector Bueno  
Madrid, Spain

8:59 a.m.

Discussion

9:07 a.m.

A Case of End-Stage Heart Failure  
Joann Lindenfeld  
Nashville, TN

9:22 a.m.

Discussion

### Heart Failure and Cardiomyopathies - Scientific

#### Session #730

**Readmission in Heart Failure: Questions Unanswered**  
Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gregg Fonarow

Co-Chair: Gurusher Panjra

8:00 a.m.

Debate: Disparities in Readmission: It is not Only the Hospitals Fault, Pro  
Javed Butler

8:10 a.m.

Debate: Disparities in Readmission: It Is Not Only the Hospitals Fault, Con  
Christopher M. O'Connor  
Falls Church, VA

8:20 a.m.

Rebuttal, Pro  
J. Butler;  
Stony Brook University, Stony Brook, NY.

8:25 a.m.

Rebuttal, Con

8:30 a.m.

Can Technology Tackle Readmissions in Big Populations?  
David J. Whellan  
Philadelphia, PA

8:45 a.m.

Driving Care to Home: A180 Degree Approach to Enhance Care  
Hal Skopicki  
Roslyn, NY

9:00 a.m.

Human Connection to Prevent Readmissions - Navigators and Nurses  
Nancy Albert  
Chesterland, OH

9:15 a.m.

Are Readmissions so Bad? Any Alternate Metrics?  
Larry Allen  
Aurora, CO

### Heart Failure and Cardiomyopathies - Scientific Session #731

**Evolving Therapies in Heart Failure: Gazing Into the Crystal Ball**  
Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.

Room 146 B

CME Hours: /CNE Hours:

Co-Chair: Gary Schaer

Co-Chair: Randall Starling

8:00 a.m.

HF Trials in Gene Therapy: Promising or Promise Lost?  
Roger Hajjar

8:10 a.m.

Question and Answer

8:15 a.m.

Stem Cells in Heart Failure: Any Closer to Reality?  
Lior Gepstein  
Haifa 31096, Israel

8:25 a.m.

Question and Answer

8:30 a.m.

Autonomic Modulation in Heart Failure: A Viable Target?  
Douglas Mann  
Saint Louis, MO

8:40 a.m.

Question and Answer

8:45 a.m.

New Medications in the HF Pipeline  
Randall Starling  
Cleveland, OH

8:55 a.m.

Question and Answer

9:00 a.m.

Next Generation LVADs: Smaller, Lighter, Better  
Daniel Goldstein  
Bronx, NY

9:10 a.m.

Question and Answer

9:15 a.m.

Organ Care System in Heart Transplant: Can We Use a "Heart in a Box"?  
Jon Kobashigawa  
Los Angeles, CA

9:25 a.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Poster Contributions Session #1293

**Heart Failure and Cardiomyopathies: Heart Failure Is Just a  
Revolving Door**

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

243 - Current More Important Than Past: Interpreting Serial Heart Failure  
Specific Health Status in Heart Failure Patients With Reduced Ejection  
Fraction



Yashashwi Pokharel, Yevgeniy Khariton, Michael Nassif, Yuanyuan Tang, Philip Jones, Suzanne Arnold, John Spertus, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

244 - Heart Failure Hospitalization (HFH) Despite Digoxin Therapy Versus No HFH Despite Placebo in the Digitalis Investigation Group (DIG) Trial: Insights Into Risk Factors for HFH in HF and Reduced Ejection Fraction (HFrEF)  
Poonam Bhyan, Apostolos Tsimploulis, Daniel Dooley, Phillip Lam, Cherinne Arundel, Prakash C. Deedwania, Gregg Fonarow, Javed Butler, Michelle White, Wen-Chih Wu, Wilbert Aronow, Ioannis Kanonidis, Charity Morgan, Bertram Pitt, Marc Blackman, Deepak Bhatt, Aliy Ahmed, Medstar Washington Hospital Center, Washington, DC, USA, Washington DC VA Medical Center, Washington, DC, USA

245 - Treatment With Patiromer Decreases Aldosterone in Patients With Heart Failure, Chronic Kidney Disease, and Hyperkalemia on RAAS Inhibitors  
Bertram Pitt, Coleman Gross, Martha Mayo, Dahlia Garza, Jinwei Yuan, Daniel Wilson, Matthew Weir, University of Michigan, Ann Arbor, MI, USA, Relypsa, Inc., Redwood City, CA, USA

246 - Comparative Effects of Metoprolol and Nebivolol on Blood Pressure Control in African-Americans  
Adebayo Atanda, Julius Ngwa, Otelio Randall, Howard University Hospital, Washington, DC, USA

247 - Clinical Effectiveness of Spironolactone in Hospitalized Older Eligible (EF Less Than or Equal to 35% and eGFR Greater Than or Equal to 30 mL/min/1.73 m<sup>2</sup>) Patients With Heart Failure  
Daniel Dooley, Phillip Lam, Essraa Bayoumi, Jonathan Segal, Cherinne Arundel, Gerasimos Filippatos, Javed Butler, Prakash C. Deedwania, Michel White, Marc Blackman, Charity Morgan, Spyridon Deftereos, Wilbert Aronow, Stefan Anker, Bertram Pitt, Gregg Fonarow, Ali Ahmed, Veterans Affairs Medical Center, Washington, DC, USA, Georgetown University Hospital, Washington, DC, USA

249 - Evidence Based Therapy and Its Relation to Workforce Attachment Following First Hospitalization for Heart Failure  
Rasmus Rørth, Emil Fosbøl, Ulrik Madvig Mogensen, Kristian Kragholm, Gunnar Gislason, Christian Torp-Pedersen, Lars Køber, Søren Lund Kristensen, Rigshospitalet, Copenhagen, Denmark

250 - Trimetazidine Added-On Therapy Could Lower the Risk of Incidental Left Ventricular Dysfunction With or Without Heart Failure in Epirubicinum Recipients for Breast Cancer  
Adrian G. Tase, Mihai G. Man, Anca Tase, Gheorghe Savoiu, University of Pitesti, Pitesti, Romania, Emergency Hospital Arges Pitesti, Pitesti, Romania

251 - Sequential Inhibition of Renin-Angiotensin System in Heart Failure Is Associated With Enhanced Net Benefit at a Cost of Increased Adverse Events: A Systematic Meta-Analysis  
Saurabh Aggarwal, Rohit Loomba, Nawfal Al-Khafaji, Gaurav Aggarwal, Venkata Alla, Rohit Arora, Creighton University School of Medicine, Omaha, NE, USA

252 - Effect of Sacubitril/Valsartan Compared With Enalapril, According to Etiology in PARADIGM-HF  
Joanne Simpson, Pardeep Jhund, Jean Rouleau, Karl Swedberg, Michael Zile, Martin Lefkowitz, Victor Shi, Scott Solomon, Milton Packer, John McMurray, University of Glasgow, Glasgow, United Kingdom

248 - Chronic Alpha Blocker Use and Outcomes in Older Male Medicare Beneficiaries Hospitalized for Heart Failure  
Daniel Dooley, Phillip Lam, Meenakshi Tomer, Cherinne Arundel, Jacqueline Gannuscio, Essraa Bayoumi, Jonathan Segal, Marc Blackman, Gregg Fonarow, Prakash C. Deedwania, Michel White, Javed Butler, Wilbert Aronow, Richard Allman, Ali Ahmed, Veterans Affairs Medical Center, Washington, DC, USA, Georgetown University Hospital, Washington, DC, USA

253 - Potential Clinical Application of LCZ696 in Real Life Clinical Practice Based on 2016 ACC/AHA/HFSA and ESC Heart Failure Guidelines Criteria: Results From TREAT HF Study

Yuksek Cavusoglu, Hakki Kaya, Mehmet Birhan Yilmaz, Eskisehir Osmangazi University, Eskisehir, Turkey, Cumhuriyet University, Sivas, Turkey

254 - Representativeness of the Paradigm Heart Failure Population in Real Life

Uwe Zeymer, Mathias Hochadel, Christiane Angermann, Jochen Senges, Institut für Herzinfarktforschung, Ludwigshafen, Germany

255 - Efficacy and Safety Profile of Ivabradine in Heart Failure Due to Chagas' Heart Disease: A Post-Hoc Analysis of the SHIFT Trial

Edimar Alcides Bocchi, Guilherme Guimarães, Heart Institute (Incor) of São Paulo University Medical School, São Paulo, Brazil

256 - Long-Term Therapy With Elamipretide Normalizes Activation of the Mitochondrial Signal Transducer and Activator of Transcription 3 (mSTAT3) in of Left Ventricular Myocardium of Dogs With Chronic Heart Failure  
Ramesh C. Gupta, Vinita Singh-Gupta, Hani N. Sabbah, Henry Ford Hospital, Detroit, MI, USA

#### Heart Failure and Cardiomyopathies - Poster Contributions Session #1294

#### The Evolving World of LVADs, Transplant and Other Novel Discoveries

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

257 - Frequency of Transition From Stage A to B or C Heart Failure After Potentially Cardiotoxic Chemotherapy

Deanna Jones, Cynthia Suerken, Ralph D'Agostino, Giselle Melendez, Jennifer Jordan, W. Hundley, Wake Forest University School of Medicine, Winston-Salem, NC, USA

258 - Cardiomyopathy Associated With Targeted Anticancer Therapies in Electronic Health Records

Yan Gong, Hoai Nguyen, Anita Szady, Issam Hamadeh, Gloria Lipori, Qian Sun, Rhonda Cooper-DeHoff, Taimour Y. Langae, Chintan Shah, Carl Pepine, Alexandra Lucas, Jan Moreb, University of Florida, Gainesville, FL, USA

259 - Cardiovascular Toxicities Associated With Adoptive Cell Therapy and Interleukin-2 Infusion for Advanced Stage Melanoma

Michael Fradley, Rongras Damrongwatanasuk, Kevin Kip, Kullatham Kongpakpaisarn, Amod Sarnaik, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL, USA, University of South Florida, Tampa, FL, USA

260 - Identification of Novel Mutations Associated With Cardiac PRKAG2 Syndrome

Dan Hu, Daniel Barr, Heather McManus, Norma Balderrabano-Saucedo, Ryan Pfeiffer, Hector Barajas, Dong Hu, Masonic Medical Research Laboratory, Utica, NY, USA

261 - Progenitor Cells and Clinical Outcomes in Patients With Heart Failure

Ayman Samman Tahhan, Pratik Sandesara, Salim Hayek, Muhammad Hammadah, Marc Allard-Ratick, Bryan Kindya, Andreas Kalogeropoulos, Heval Mohamed Kelli, Matthew Topel, Ayman Alkhoder, Kaava Chivukula, Hiroshi Aida, Mohamad Mazen Gafeer, Eric Stahl, Heini Robert, Naser Abdelhadi, Iraj Hesaroieh, Humza Naqvi, Ernestine Mahar, Jonathan Kim, Peter Wilson, Leslee Shaw, Viola Vaccarino, Edmund Waller, Arshed Quyyumi, Emory University, Atlanta, GA, USA

262 - Comprehensive Next Generation Sequencing Assay for Identifying Pathogenic Variants Associated With Cardiovascular Diseases

Eugene Joseph, Arun Manoharan, Krishan Kania, Nina Masters, Roman Shraga, Bonny Patel, Andrew Pollock, Robert Wisotzkey, Malgorzata



Jaremko, Sasha Parets, Rebecca Fox, Neha Kumar, Alexander Bisignano, Oscar Puig, Phosphorus, New York, NY, USA

263 - Neurohumoral Activation and Long-Term Cardiovascular Outcomes in Chronic Kidney Disease: A Population-Based Cohort  
Sravva Vinnakota, Christopher Scott, Richard Rodeheffer, Horng Chen, Mayo Clinic, Rochester, MN, USA

266 - Chronic Kidney Disease in Asian Patients With Heart Failure  
Jasper Tromp, Katherine T. H. Teng, Wan Ting Tay, Inder Anand, Shu Zhang, Wataru Shimizu, Calambur Narasimhan, Park S. W., Cheuk-Man Yu, Tachapong Ngarmukos, Razali Omar, Eugene B. Reyes, Chung-Lieh Hung, Lieng Ling, Jonathan Yap, Michael Ross MacDonald, Mark Richards, Carolyn Lam, National Heart Centre, Singapore, Singapore, Cardiovascular Research Institute, Singapore, Singapore

267 - Ventricular Assist Device Decreases Abnormal Cardiac Sodium Channel mRNA Splicing  
Ning Jiang, Anyu Zhou, Guangbin Shi, Ruiping Ji, Peter Kennel, Paul Schulze, Samuel C. Dudley Jr., Brown University, Providence, RI, USA

293 - Sudden and Fatal Malfunction After Continuous-Flow Left Ventricular Assist Devices: An Urgent Call for Regular Inspections  
Rahat Muslem, Sakir Akin, Alina Constantinescu, Olivier Manintveld, Ozcan Birim, Ad J. J. C. Bogers, Kadir Caliskan, Thoraxcenter, Department of Cardiology, Erasmus MC, Rotterdam, The Netherlands

268 - Change in Renal Function During Extended Follow-Up After Left Ventricular Assist Device Implantation  
Usama Daimee, Meng Wang, Anna Papernov, Saadia Sherazi, Scott McNitt, Himabindu Vidula, Leway Chen, Jeffrey Alexis, Valentina Kutiyfa, University of Rochester Medical Center, Rochester, NY, USA

270 - Effects of Diabetes Mellitus on Clinical Outcomes After Left Ventricular Assist Device Implantation: A Single Institutional 9-Year Experience  
Rabea Asleh, Sarah Schettler, Alexandros Briasoulis, Vakhtang Tchantchaleishvili, Naveen Pereira, Brooks S. Edwards, Alfredo Clavell, Simon Maltais, David L. Joyce, Soon Park, Lyle Joyce, Richard Daly, Sudhir Kushwaha, John Stulak, Mayo Clinic, Rochester, MN, USA

292 - Older Age Combined With Reduced Renal Function Has a Strong Cumulative Adverse Effect on Survival in Left Ventricular Assist Device Patients  
Rahat Muslem, Kadir Caliskan, Sakir Akin, Emre Y. Yasar, Ad J. J. C. Bogers, Dennis A. Hesselink, Glen J. R. Withman, Ryan Tedford, Olivier Manintveld, Stuart Russell, Johns Hopkins School of Medicine, Baltimore, MD, USA, Thoraxcenter, Department of Cardiology, Erasmus MC, Rotterdam, The Netherlands

271 - Incidence and Factors Associated With New-Onset Cardiomyopathies Following Liver Transplantation  
Vaughn Eyvazian, Jonathan Gordin, Vatche Agopian, Henry Honda, Olcay Aksoy, Ronald Busuttill, Gabriel Vorobiof, Ronald Reagan UCLA Medical Center, Los Angeles, CA, USA

272 - Cardiomyopathy in Patients After Post-Transplant Cyclophosphamide-Based Hematopoietic Cell Transplantation  
Chien-Jung Lin, Michael Slade, Justin Vader, Rizwan Romee, Washington University School of Medicine, Saint Louis, MO, USA

273 - Changes in Prevalence, Progression and Outcomes of Coronary Allograft Vasculopathy Over 25 Years Following Cardiac Transplantation: A Single Center Experience  
Maxime Tremblay-Gravel, Normand Racine, Anique Ducharme, Guy Pelletier, Genevieve Giraldeau, Mark Liszkowski, Marie-Claude Parent, Michel Carrier, Annik Fortier, Michel White, Montreal Heart Institute, Montreal, Canada

274 - Arrhythmias in Hospitalized Heart Transplanted Patients: A United States National Study  
Srikanth Yandrapalli, Sohaib Tariq, Venkat Lakshmi Kishan Vuddanda, Prakash Harikrishnan, Viswajit Reddy Anugu, Zeeshan Solangi, Wilbert Aronow, Sachin Sule, Alan Gass, Chhaya Aggarwal, William Frishman, Gregg Fonarow, Ali Ahmed, Jason Jacobson, Sei Iwai, Howard Cooper, Julio Panza, Gregg Lanier, New York Medical College at Westchester Medical Center, Valhalla, NY, USA

278 - Myocarditis and Rhabdomyolysis Incidence With Immune Checkpoint Inhibitors  
Tyler Bloomer, Matthew Alexander, Daniel Lenihan, David Slosky, Jason Becker, Jeffrey Sosman, Douglas Johnson, Javid Moslehi, Vanderbilt University Medical Center, Nashville, TN, USA

279 - Sleep Duration and Quality in Heart Failure Patients  
Olaf Oldenburg, Anke Tueroff, Ulrich Thiem, Henrik Fox, Jens Spiesshoefer, Thomas Bitter, Renaud Tamisier, Naresh Punjabi, Dieter Horstkotte, Clinic for Cardiology, Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, Bad Oeynhausen, Germany

280 - Overweight and Obesity Impairs Left Ventricular Systolic and Diastolic Function in Patients With Type 2 Diabetes  
Peter Blomstrand, Peter Sjoblom, Martin Engvall, Toste Lanne, Fredrik H. Nystrom, Carl-Johan Ostgren, Jan Engvall, Jonkoping University, Jonkoping, Sweden, Linkoping University, Linkoping, Sweden

281 - Cardiac Atrophy: A Novel Mechanism for Duchenne Muscular Dystrophy (DMD)-Associated Cardiomyopathy  
Shaïda Khan, Daniel Cheeran, Sonia Garg, Justin Grodin, Robert Morlend, Faris Araj, Alpesh Amin, Jennifer Thibodeau, Mark H. Drazner, Pradeep Mammen, UT Southwestern Medical Center, Dallas, TX, USA

282 - Performance of the MAGGIC Heart Failure Risk Score in Japanese Acute Heart Failure Patients: A Report From the West Tokyo Heart Failure Registry  
Mitsuaki Sawano, Taku Inohara, Yasuyuki Shiraishi, Shun Kohsaka, Takashi Kohno, Ayumi Goda, Atsushi Mizuno, Yasumori Sujino, Yuji Nagatomo, Keitaro Mahara, Keiichi Fukuda, Tsutomu Yoshikawa, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan

283 - High-Sensitivity Troponin-T, Left Ventricular Size and Function, and Long-Term Outcomes in Clinically Stable, Apparently Healthy Older Subjects  
Manan Pareek, Deepak L. Bhatt, Muthiah Vaduganathan, Arman Qamar, Axel Diederichsen, Margrét Leósdóttir, Martin Magnusson, Peter M. Nilsson, Michael H. Olsen, Odense University Hospital, Odense C, Denmark, Brigham and Women's Hospital, Boston, MA, USA

284 - B-Type Natriuretic Peptide Levels Is a Useful Prognostic Marker in the Patients With Eosinophilic Granulomatosis With Polyangiitis  
Mina Nakayama, Megumi Yamamuro, Yohei Hanajima, Yuichi Okajima, Naoki Nakayama, Toru Dejima, Masahiko Kanna, Yukiko Morita, Kenichi Tsujita, Kazuo Kimura, Department of Cardiology, National Hospital Organization Sagamihara National Hospital, Sagamihara, Japan

285 - Circulating Intestinal Fatty Acid-Binding Protein (I-FABP) Levels Portends Higher Risk of Adverse Clinical Outcomes in Advanced Decompensated Heart Failure  
Takeshi Kitai, Yong-Hyun Kim, Kathryn Kiefer, Rommel Morales, Justin Grodin, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

288 - Coronary Artery Disease Learning and Algorithm Development Study: Early Analysis of Ejection Fraction Evaluation  
Robi Goswami, Thomas Stuckey, Frederick Meine, Narendra Singh, Jeremiah Peter Depta, Sunny Gupta, Shyam Ramchandani, R. Susan Crawford, Tim Burton, William E. Sanders, Jr., Analytics 4 Life, Inc., Morrisville, NC, USA, Piedmont Healthcare, Inc., Atlanta, GA, USA

275 - Chagas Heart Disease: A United States National Study





**Srikanth Yandrapalli**, Sohaib Tariq, Prakash Harikrishnan, Venkat Lakshmi Kishan Uddanda, Abdallah Sanaani, Wilbert Aronow, Sachin Sule, Alan Gass, Chhaya Aggarwal, William Frishman, Gregg Fonarow, Ali Ahmed, Gregg Lanier, Howard Cooper, Julio Panza, New York Medical College at Westchester Medical Center, Valhalla, NY, USA

289 - Cardiovascular Complications and In-Hospital Outcomes of Chagas' Disease in the United States From 2003-2011

**Amitoj Singh**, Sahil Agrawal, Lohit Garg, Mark Fegley, Sabir Saluja, Sudip Nanda, Jamshid Shirani, St. Luke's University Health Network, Bethlehem, PA, USA

287 - Identifying Novel Phenotypes of Acute Decompensated Heart Failure Using Cluster Analysis of Clinical Variables

**Yu Horiuchi**, Shuzou Tanimoto, Mahbub Latif, Kevin Urayama, Kazuyuki Yahagi, Jiro Aoki, Hiroyoshi Nakajima, Kazuhiro Hara, Kengo Tanabe, Mitsui Memorial Hospital, Tokyo, Japan, St. Luke's International University, Tokyo, Japan

294 - Significance of <sup>123</sup>I-BMIPP-Scintigraphy in the Recovery of Left Ventricular Systolic Dysfunction in Takotsubo Cardiomyopathy: Insight From the NEW TAKOTSUBO BMIPP Registry

**Takayuki Warisawa**, Katsumasa Sato, Tsuyoshi Kobayashi, Kensuke Takagi, Toru Naganuma, Nobuo Tomizawa, Takeo Horikoshi, Fujino Yusuke, Hisaaki Ishiguro, Satoko Tahara, Naoyuki Kurita, Itsuro Morishima, Seiichi Haruta, Takeshi Nojo, Sunao Nakamura, New Tokyo Hospital, Matsudo, Japan, Fukuyama Cardiovascular Hospital, Fukuyama, Japan

264 - Evaluation of Hemoconcentration Based Bioelectrical Vectorial Impedance Analysis Is Useful Risk Stratification in Acute Decompensated Heart Failure

**Yoshiyuki Yazaki**, Norihiro Kogame, Hiroki Niikura, Masahide Tokue, Nobutaka Ikeda, Raisukey Iijima, Hidehiko Hara, Masao Moroi, Masato Nakamura, Division of Cardiovascular Medicine Toho University Ohashi Medical Center, Tokyo, Japan

296 - Prognostic Risk Factors for Heart Failure Hospitalization in Women Without Obstructive Coronary Disease: An Ancillary Study From the Women's Ischemia Syndrome Evaluation (WISE)

**Parham Zarrini**, Derek Leong, Janet Wei, Galen Cook-Wiens, Ahmed Al Badri, Carl Pepine, Sheryl Kelsey, Eileen Handberg, C. Noel Bairey Merz, Cedars Sinai Medical Center, Los Angeles, CA, USA, University of Florida, Gainesville, FL, USA

295 - Prevalence of Monoclonal Gammopathy of Unknown Significance in Wild Type Transthyretin Amyloidosis Patients

**Hallie Geller**, Avinander Singh, Tara Mirto, Robert Padera, Richard N. Mitchell, Jacob P. Laubach, Rodney Falk, Brigham and Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

290 - Psoas Muscle Mass Index Predicts Mortality in Patients With Heart Failure With Preserved Ejection Fraction

**Koseki Keita**, Mitsui Memorial Hospital, Chiyoda-Ku, Japan

286 - Elevated Right Sided Heart Pressure Is Associated With Malnutrition in Heart Failure Patients With Reduced Ejection Fraction

**Yu Horiuchi**, Shuzou Tanimoto, Kazuyuki Yahagi, Keita Koseki, Taishi Okuno, Yu Sato, Toshio Kinoshita, Jiro Aoki, Hiroyoshi Nakajima, Kazuhiro Hara, Kengo Tanabe, Mitsui Memorial Hospital, Tokyo, Japan

265 - Body Fat Percentage Evaluated by a Bioelectrical Impedance Analysis Provides Prognostic Value in Acute Heart Failure: Beyond on the "Obesity Paradox"

**Yoshiyuki Yazaki**, Hiroki Niikura, Norihiro Kogame, Masahide Tokue, Nobutaka Ikeda, Raisukey Iijima, Hidehiko Hara, Masao Moroi, Masato Nakamura, Division of Cardiovascular Medicine Toho University Ohashi Medical Center, Tokyo, Japan

## Heart Failure and Cardiomyopathies - Moderated Poster Contributions

### Session #1308M

#### Leading Us Astray? Pacemakers in Cardiomyopathies

Sunday, March 19, 2017, 9:45 a.m. - 10:30 a.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Joann Lindenfeld

ACC Poster Moderator: Shashank S. Sinha

9:45 a.m.

Chronic Right Ventricular Pacing: Effects on Heart Failure Hospitalization and Mortality in the Presence of Normal Left Ventricular Ejection Fraction  
**Oral Waldo**, Shuang Liu, Tripta Kaur, Ali Ahoui, Luis Scott, Tasneem Naqvi, Mayo Clinic, Phoenix, AZ, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Spect Guided Lv Lead Placement for Incremental Benefits to CRT Efficacy: A Prospective Multicenter Randomized Controlled Trial  
**Jiangang Zou**, Xiaofeng Hou, Ji Chen, Kejiang Cao, Department of Cardiology, The First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China

10:10 a.m.

Question and Answer

10:15 a.m.

Functional Mitral Regurgitation and Cardiac Resynchronization Therapy: Evolution and Impact on Outcome  
**Pieter van der Bijl**, Mand Khidir, Nina Marsan, Victoria Delgado, Jeroen Bax, Leiden University Medical Center, Leiden, The Netherlands

10:25 a.m.

Question and Answer

## Heart Failure and Cardiomyopathies - Scientific Session #744

### Heart Failure and Cancer Care

Sunday, March 19, 2017, 10:45 a.m. - 12:15 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ana Barac

Co-Chair: Bonnie R. Ky

10:45 a.m.

Panel Discussion: Cardiomyopathy with Herceptin

10:45 a.m.

Case Presentation: Cardiomyopathy with Herceptin -- When Should You Stop Herceptin, If Ever? Evidence to Practice Roundtable Discussion  
Joseph Carver

10:45 a.m.

Case Presentation: Cardiomyopathy with Herceptin -- When Should You Stop Herceptin, If Ever? Evidence to Practice Roundtable Discussion  
Daniel Lenihan  
Nashville, TN

10:45 a.m.

Case Presentation: Cardiomyopathy with Herceptin -- When Should You Stop Herceptin, If Ever? Evidence to Practice Roundtable Discussion  
Jean-Bernard Durand  
Houston, TX



10:45 a.m.

Case Presentation: Cardiomyopathy with Herceptin -- When Should You Stop Herceptin, If Ever? Evidence to Practice Roundtable Discussion

Ana Barac  
Bethesda, MD

10:55 a.m.

Question and Answer

11:02 a.m.

Panel Discussion: How to Detect Cardiac Injury with Cardiotoxic Chemotherapy

11:02 a.m.

Case Presentation: How to Detect Cardiac Injury with Cardiotoxic Chemotherapy -- Is Ejection Fraction Still the Gold Standard? Evidence to Practice Roundtable Discussion

Thomas H. Marwick  
Melbourne, Australia

11:02 a.m.

Case Presentation: How to Detect Cardiac Injury with Cardiotoxic Chemotherapy -- Is Ejection Fraction Still the Gold Standard? Evidence to Practice Roundtable Discussion

W. Gregory Hundley  
Winston Salem, NC

11:02 a.m.

Case Presentation: How to Detect Cardiac Injury with Cardiotoxic Chemotherapy -- Is Ejection Fraction Still the Gold Standard? Evidence to Practice Roundtable Discussion

Daniela Cardinale  
Milan, Italy

11:12 a.m.

Question and Answer

11:19 a.m.

Debate: Every Patient Should be Started on an ACE-Inhibitor or Angiotensin Receptor Blocker to Mitigate Cardiomyopathy with Cancer Therapy, Pro  
Torbjorn Omland  
Oslo, Norway

11:27 a.m.

Debate: No One Should be Started on an ACE-Inhibitor or Angiotensin Receptor Blocker to Mitigate Cardiomyopathy with Cancer Therapy, Con  
Steven Lipshultz  
Detroit, MI

11:35 a.m.

Rebuttal  
T. Omland;  
University of Oslo, Oslo, NORWAY.

11:37 a.m.

Rebuttal  
S. Lipshultz;  
Dept. of Pediatrics, Wayne State Univ., Detroit, MI.

11:39 a.m.

Question and Answer

11:46 a.m.

Debate: Every Patient Should be Prescribed a Diet and Exercise Regimen to Mitigate Cardiomyopathy with Cancer Therapy  
Jenica Upshaw  
Boston, MA

11:54 a.m.

Debate: There is No Evidence for a Diet and Exercise Regimen to Mitigate Cardiomyopathy with Cancer Therapy  
Douglas Sawyer  
Portland, ME

12:02 p.m.

Rebuttal, Pro

12:04 p.m.

Rebuttal, Con

12:06 p.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Scientific Session #745

**Give Me a Beat! Mechanical Support of Cardiogenic Shock**  
Sunday, March 19, 2017, 10:45 a.m. - 12:15 p.m.  
Room 146 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gregory Couper

Co-Chair: Joyce Wald

10:45 a.m.

Hemodynamic Monitoring and Drug Therapy for Cardiogenic Shock  
Barbara Pisani

11:00 a.m.

Short-term Mechanical Support Cardiogenic Shock...So Many Devices  
Edo Birati  
Wynnewood, PA

11:15 a.m.

What a Cardiologist Needs to Know About ECMO  
Francis Pagani  
Ann Arbor, MI

11:30 a.m.

Prolonging the Inevitable: Incorporating Palliative Care Earlier in the Process  
Esther Pak  
Phi, PA

11:45 a.m.

Treating Cardiogenic Shock: Challenging Cases and Complications  
Simon Maltais  
Nashville, TN

12:00 p.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Hands-on Skills Learning Session #1516

**Personalized Skills Center: Hands-On Simulation - Acute Heart Failure**  
Sunday, March 19, 2017, 12:30 p.m. - 1:30 p.m.  
Personalized Skills Center, East Salon AB  
CME Hours: /CNE Hours:

12:30 p.m.

Acute Heart Failure  
Jacqueline E. Tamis-Holland  
New York, NY



### Heart Failure and Cardiomyopathies - Scientific Session #757

#### Treatment Strategies for End Stage Heart Failure: Medications, Machines and Everything in Between

Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.

Room 146 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Gurusher S. Panjra

Co-Chair: George G. Sokos

12:30 p.m.

Identifying Stage D Heart Failure - When Do Patients Cross the Line?

Stuart Russell

12:40 p.m.

Question and Answer

12:48 p.m.

Chronic Inotrope Therapy in End Stage HF: Is Mortality Everything?

George G. Sokos

Morgantown, WV

12:58 p.m.

Question and Answer

1:06 p.m.

Erasing the Fear: Palliative Care is Sometimes the Right Choice

Kathleen Grady

Chicago, IL

1:16 p.m.

Question and Answer

1:24 p.m.

End-Stage HF: Heart Transplant is Always the Best Option

Sean Pinney

Wyckoff, NJ

1:32 p.m.

End-Stage HF: LVADs Will Be Better Than Transplant

Francis Pagani

Ann Arbor, MI

1:40 p.m.

Rebuttal

S. Pinney;

Mount Sinai School of Medicine, Wyckoff, NJ.

1:42 p.m.

Rebuttal

F. Pagani;

Univ. of MI Hospitals & Hlth. Centers, Ann Arbor, MI.

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions

#### Session #1318M

#### Advanced Therapies = Advanced Trouble: VAD and Transplant Challenges

Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Jesus Almendral

ACC Poster Moderator: David Baran

12:30 p.m.

Independent Association of Symptomatic Peripheral Arterial Disease for Adverse Outcomes, Poor Graft Survival and Length of Hospital Stay Following

Heart Transplantation: An Analysis of 22,820 Heart Transplants From the UNOS Database

Prasad C. Gunasekaran, Trenton Bickel, Deepak Parashara, Buddhadeb Dawn, University of Kansas, Kansas City, KS, USA, Kansas City VA Medical Center, Kansas City, MO, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Sirolimus-Based Immunosuppression Mitigates Progression of Cardiac Allograft Vasculopathy and Improves Cardiac Outcomes After Heart Transplantation: A Single Center 15-Year Follow-Up Study

Rabea Asleh, Alexandros Briasoulis, Jonella Tilford, Woong-Gil Choi, Naveen Pereira, Brooks S. Edwards, Alfredo Clavell, Lyle Joyce, John Stulak, Simon Maltais, David L. Joyce, Richard Daly, Amir Lerman, Sudhir Kushwaha, Mayo Clinic, Rochester, MN, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Acute Kidney Injury Is Highly Frequent Early After Left Ventricular Assist Device Implantation With High Morbidity and Mortality Rates: A Multicentre Study

Rahat Muslem, Kadir Caliskan, Sakir Akin, Dennis A. Hesselink, Glen J. R. Withman, Ryan Tedford, Ad J. J. C. Bogers, Olivier Manintveld, Stuart Russell, Johns Hopkins School of Medicine, Baltimore, MD, USA, Thoraxcenter, Department of Cardiology, Erasmus MC, Rotterdam, The Netherlands

1:10 p.m.

Question and Answer

1:15 p.m.

Proteinuria in Patients Receiving Left Ventricular Assist Devices Is Highly Associated With Renal Failure and Mortality

Rahat Muslem, Kadir Caliskan, Sakir Akin, Dennis A. Hesselink, Glenn Whitman, Ryan Tedford, Ad J. J. C. Bogers, Olivier Manintveld, Stuart Russell, Johns Hopkins School of Medicine, Baltimore, MD, USA, Thoraxcenter, Department of Cardiology, Erasmus MC, Rotterdam, The Netherlands

1:25 p.m.

Question and Answer

1:30 p.m.

Differential Outcomes of Temporary Mechanical Circulatory Support Devices by Procedural Timing and Clinical Indication

Gunsagar Gulati, David Ouyang, Dipanjan Banerjee, Stanford University, Stanford, CA, USA

1:40 p.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Special

#### Session #6009

#### Engage @ ACC.17 Studio: Simulation Session II: Acute Heart Failure

Sunday, March 19, 2017, 1 p.m. - 2 p.m.

Engage @ ACC.17 Studio, Hall C

CME Hours: 1 /CNE Hours: 1

Co-Chair: Michael W. Cullen

Co-Chair: Scott M. Lilly

1:00 p.m.

Simulation Faculty

Akshay S. Desai

1:00 p.m.

Simulation Faculty



Navin Kapur  
Hanover, MA

### Heart Failure and Cardiomyopathies - Scientific

#### Session #768

#### Diabetes and Heart Failure: Are We Hitting The Sweet Spot

Sunday, March 19, 2017, 2 p.m. - 3:30 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James Udelson

Co-Chair: Marvin Konstam

Panelist: Gregg Fonarow

Panelist: Kenneth Margulies

Panelist: Tamara Horwich

Panelist: Marie McDonnell

Panelist: Amanda Vest

2:00 p.m.

Epidemiology of Diabetes, Hyperglycemia and Heart Failure

Tamara Horwich

Los Angeles, CA

2:12 p.m.

Insulin Resistance and the Metabolic State in Advanced Systolic Heart Failure

Amanda Vest

Boston, MA

2:24 p.m.

The Role of GLP-1 Agonists in Heart Failure Post-FIGHT

Kenneth Margulies

Philadelphia, PA

2:36 p.m.

Could SGLT-2 Inhibitors Improve Heart Failure Outcomes?

Marie McDonnell

Boston, MA

2:48 p.m.

Pharmacological Glycemic Management is an Important Component of Heart Failure Therapy, Pro

Gregg Fonarow

Los Angeles, CA

2:58 p.m.

Pharmacological Glycemic Management is an Important Component of Heart Failure Therapy, Con

Amanda Vest

Boston, MA

3:08 p.m.

Rebuttal, Pro

3:10 p.m.

Rebuttal, Con

3:12 p.m.

Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific

#### Session #769

#### Life After LVAD - The Good, The Bad and The Ugly

Sunday, March 19, 2017, 2 p.m. - 3:30 p.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Pavan Atluri

Co-Chair: Michael Kiernan

2:00 p.m.

Quality of Life Following LVAD

Jane MacIver

2:12 p.m.

Right Ventricular Failure After LVAD

Robert Kormos

Pittsburgh, PA

2:24 p.m.

Valvular Complications Following LVAD

Joseph G. Rogers

Durham, NC

2:36 p.m.

Management of Infectious Complications Following LVAD

Emily Blumberg

Philadelphia, PA

2:48 p.m.

VAD Thrombosis and Bleeding

Nir Uriel

Chicago, IL

3:00 p.m.

The Patient Voice - Life after VAD

Farooq Sheikh

Clarksville, MD

3:12 p.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Scientific

#### Session #782

#### The Nuts and Bolts of Pulmonary Hypertension in Left Heart Disease

Sunday, March 19, 2017, 3:45 p.m. - 5:15 p.m.

Room 144 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James Fang

Co-Chair: Paul Forfia

Panelist: Jeremy A. Mazurek

Panelist: Marc Semigran

Panelist: Michael Kiernan

Panelist: Michael Acker

Panelist: Barry Borlaug

3:45 p.m.

Case Presentation in Pulmonary Hypertension Due to Left Heart Failure

Amanda Vest

Boston, MA

3:57 p.m.

The Evaluation of WHO 2 Pulmonary Hypertension

Jeremy A. Mazurek

Philadelphia, PA

4:09 p.m.

Treatment of Pulmonary Hypertension in HFrEF; What Are the Options?

Marc Semigran

Boston, MA

4:21 p.m.

Prevalence of pulmonary HTN in HFrEF: How Much of a Problem Is It?

Barry Borlaug

Rochester, MN

4:33 p.m.

Strategies to Reverse Pulmonary HTN: Role of LVADs and drugs?



Michael Kiernan  
Wellesley, MA

4:45 p.m.  
Surgical Considerations for Patients with Pulmonary Hypertension Due to  
Valvular Heart Disease  
Michael Acker  
Philadelphia, PA

4:57 p.m.  
Panel Discussion

### Heart Failure and Cardiomyopathies - Scientific

#### Session #783

#### Everything you Wanted to Know About Heart Transplant but Were Afraid to Ask

Sunday, March 19, 2017, 3:45 p.m. - 5:15 p.m.

Room 146 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jesus Almendral  
Co-Chair: David Taylor  
Panelist: David Baran  
Panelist: Shashank S. Desai  
Panelist: Joyce Wanglee Wald  
Panelist: Kathleen Grady  
Panelist: Esther Vorovich

3:45 p.m.  
The Chosen Ones - Patient Selection for Heart Transplant  
Joyce Wanglee Wald  
Philadelphia, PA

4:00 p.m.  
The Dark Side of Transplant - Post-Transplant Complications  
Esther Vorovich  
Chicago, IL

4:15 p.m.  
Immunosuppression 101  
David Baran  
Livingston, NJ

4:30 p.m.  
Quality of Life After Transplant  
Kathleen Grady  
Chicago, IL

4:45 p.m.  
The Patient Voice - My Life as a Transplant Recipient  
Rory Hachamovitch  
Cleveland, OH

5:00 p.m.  
Panel Discussion with Question and Answer

### Heart Failure and Cardiomyopathies - Scientific

#### Session #784

#### Salt, Water and the Kidney in Heart Failure

Sunday, March 19, 2017, 3:45 p.m. - 5:15 p.m.

Room 146 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: John Burnett  
Co-Chair: Gary Francis  
Panelist: Scott Hummel  
Panelist: Meredith Ann Brisco  
Panelist: Anita Deswal  
Panelist: Wai Hong Tang  
Panelist: Randall Starling

3:45 p.m.  
Sodium Controversies in Heart Failure  
Scott Hummel  
Ann Arbor, MI

4:00 p.m.  
Implications of Changes in Renal Function in Heart Failure  
Meredith Ann Brisco  
Charleston, SC

4:15 p.m.  
The Cardiorenal Syndrome: Is it All About the Hemodynamics?  
Anita Deswal  
Houston, TX

4:30 p.m.  
Management of Patients with Acute Heart Failure Cardiorenal Syndrome:  
Have We Made Progress?  
Wai Hong Tang  
Cleveland, OH

4:45 p.m.  
Implications of Renal Dysfunction for Mechanical Circulatory Support and  
Cardiac Transplantation  
Randall Starling  
Cleveland, OH

5:00 p.m.  
Panel Discussion