Pulmonary Hypertension - Poster Contributions

Session #1115
Advances in Pulmonary Thromboembolic Disease and Novel Diagnostic Approaches to Pulmonary Arterial Hypertension
Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.
Poster Area, South Hall A1
CME Hours: 0.75 /CNE Hours: 0.75

305 - Misclassification of Pulmonary Hypertension due to Reliance on Pulmonary Capillary Wedge Pressure or Left Ventricular End-Diastolic Pressure Instead of Direct Mean Left Atrial Pressure
Kasaih Makam, Kevin Copeland, Andrew Doorey, Christiana Care Health Services, Newark, DE, USA

306 - Right Ventricular Fdg-Pet Uptake Suggests a Shift to Glycolytic Metabolism in the Setting of Right Ventricular Dysfunction Related to Pulmonary Arterial Hypertension
Margaret M Park, Didem Uzunaslan, Srisakul Chirakarnjanakorn, Emir C. Roach, Kristin B. Highland, Samar Farha, Serpil Erzurum, James Thomas, Christine Jellis, Donald Neumann, Frank Difilippo, W. H. Wilson Tang, Cleveland Clinic, Cleveland, OH, USA

307 - Accuracy of Echocardiographic Measures of the Exercise-Induced Change in Pulmonary Artery Pressures: Importance of Tricuspid Regurgitation Doppler Quality
Annelieke CMI van Riel, Alexander Optowsky, Mario Santos, Jose Rivero, Andy Dhimitri, Michael Landzberg, Barbara Mulder, Berto Bouma, Aaron Waxman, David Systrom, Amil Shah, Brigham and Women's Hospital, Boston, MA, USA, Boston Children's Hospital, Boston, MA, USA

308 - Five-Year Outcomes of Thrombolysis Versus Surgical Embolectomy for Acute Pulmonary Embolism in New York State
Timothy Lee, Shinobu Itagaki, Karon Omidvari, Joanna Chikwe, Natalia Egorova, Department of Cardiovascular Surgery, Mount Sinai Medical Center, New York, NY, USA, Department of Health Evidence and Policy, Icahn School of Medicine at Mount Sinai, New York, NY, USA

309 - Electrocardiographic Changes of Right Ventricular Strain Do Not Predict Hemodynamic or Clinical Improvement in Patients Undergoing Pulmonary Thromboendarterectomy (PTE)
Hayan Al Maluli, Farhan Raza, Paul Forfia, Temple University Hospital, Philadelphia, PA, USA

310 - Tricuspid Regurgitation Is Associated With Pulmonary Hemodynamics and Right Ventricular Dysfunction in Pulmonary Arterial Hypertension but Does Not Alter the Geometry of Right Ventricular Contraction
Jose Ricardo Po, Talha Meeran, Ryan Davey, Raymond Benza, Amresh Raina, Allegheny General Hospital, Pittsburgh, PA, USA

311 - Novel Non-Invasive Assessment of Pulmonary Arterial Impedance Using Cardiac Magnetic Resonance Imaging
Ankur Gupta, Thomas Denney, Inmaculada Aban, Renzo Loyaga-Rendon, Jose Tallaj, Himanshu Gupta, University of Alabama at Birmingham, Birmingham, AL, USA, Brigham and Women's Hospital, Boston, MA, USA

312 - Conductance Catheter Derived Right Ventricular SW-Ea Relationship Can Detect RV Dysfunction in CTED
Richard Graham Axell, Simon Messer, Paul White, Colm McCabe, John Cannon, Stephen R. Large, Joanna Pepke-Zaba, Stephen Hoole, Cambridge University Hospitals NHS Foundation Trust, Cambridge, United Kingdom, Papworth Hospital NHS Foundation Trust, Papworth Everard, United Kingdom

313 - Correlation of a New Echocardiographic Index of Right Ventricular Remodeling in Pulmonary Hypertension With Invasive Hemodynamics in Rat Model
Akiko Goda, Masataka Sugahara, Antonia Delgado-Montero, Bhupendar Tayal, Dmitry Goncharov, Rebecca Vanderpool, Jeffrey Baust, Elena Goncharova, John Gorcsan, University of Pittsburgh, Pittsburgh, PA, USA

314 - Clinical and Demographic Features of Regional Pulmonary Thromboendarterectomy Cohort
Farhan Raza, Hayan Al Maluli, Paul Forfia, Temple University Hospital, Philadelphia, PA, USA

Pulmonary Hypertension - International Session

Session #507
New Insights Into Pulmonary Hypertension: International Perspectives From the Canadian Cardiovascular Society, Singapore Cardiac Society, and American College of Cardiology
Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.
Room N427ab
CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Huon Gray Kingdom
Co-Chair: Bernard WK Kwok
Co-Chair: Heather Ross

4:45 p.m.
Introduction to Session
Huon Gray Kingdom

4:50 p.m.
Pulmonary Hypertension in Left Heart Disease
Lisa M. Mielenzuk
Ottawa, Canada

5:01 p.m.
Targeting the Right Ventricle in Pulmonary Arterial Hypertension
Stephen L. Archer
Kingston, Canada

5:12 p.m.
What’s New in the Management of Pulmonary Arterial Hypertension
Edgar Tay
Singapore, Singapore

5:23 p.m.
Treatment of Chronic Thromboembolic Pulmonary Hypertension
James Wei Luen Yip
Singapore, Singapore

5:34 p.m.
Discussion
Pulmonary Hypertension - Scientific Session
Session #651
What Every Cardiologist Should Know When Dealing With Pulmonary Hypertension
Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.
Room SS02
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Teresa DeMarco
Co-Chair: Vallerie V. McLaughlin
4:45 p.m.
Interviewee - Dr. McLaughlin to Interview Dr. Stuart Rich (Interview With a Living Legend)
Stuart Rich
4:45 p.m.
Interview With a Living Legend (Dr. McLaughlin to Interview Dr. Stuart Rich)
Vallerie V. McLaughlin
Ann Arbor, MI
4:55 p.m.
Pregnancy Risk and Outcomes in PAH- Now What Do We Do?
Anna Hemnes
Nashville, TN
5:10 p.m.
Management Principles for PAH Patients Undergoing Surgery: Preoperative, Anesthesia, and Post-Operative Care Considerations
Dana McGlothlin
San Francisco, CA
5:25 p.m.
The Cardiorenal Syndrome in Right Heart Failure Due to PAH: What Is It and How Should We Treat It?
Maria Rosa Costanzo
Naperville, IL
5:40 p.m.
Navigating Troubled Waters: Pharmacologic Challenges Encountered in PAH Management
Patricia A. Uber
Richmond, VA
5:50 p.m.
Question and Answer
Panelist: Anna Hemnes
Panelist: Dana McGlothlin
Panelist: Maria Rosa Costanzo
Panelist: Patricia A. Uber

Pulmonary Hypertension - Oral Contributions
Session #904
Highlighted Original Research: Pulmonary Hypertension, Thromboembolic Disease and the Year in Review
Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.
Room SS05
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: John Fanikos
Co-Chair: Antoine Hage
8:00 a.m.
Year in Review Speaker
Stuart Rich
8:15 a.m.
Long-Term Clinical Implications of Residual Pulmonary Vascular Obstruction After Pulmonary Embolism: A Ventilation-Perfusion Lung Scan Follow-Up Study at Two Timepoints
Romain Chopard, Bruno Genet, Marc Badoz, Fiona Ecarnot, Benjamin Bonnet, Marie-France Seronde, Francois Schiele, Nicolas Meneveau, University Hospital Jean Minjoz, Besancon, France
8:27 a.m.
Discussion
8:30 a.m.
The Transpulmonary Ratio of Endothelin-1 Is Increased in Patients With Pulmonary Hypertension due to Left Heart Disease and Superimposed Precapillary Pulmonary Hypertension
David Meoli, Yan Ru Su, Evan Brittain, Ivan Robbins, Anna Hemnes, Ken Monahan, Vanderbilt University Medical Center, Nashville, TN, USA
8:42 a.m.
Discussion
8:45 a.m.
Pulmonary Hypertension and Chronic Kidney Disease: Invasive Hemodynamic Etiology and Outcomes in a Large Electronic Medical Record-Based Cohort
Jared Martin O'Leary, Tufik Assad, Anna Hemnes, Meng Xu, Quinn Wells, Eric Farber-Eger, Kelly A. Birdwell, Evan Brittain, Vanderbilt University Medical Center, Nashville, TN, USA
8:57 a.m.
Discussion
9:00 a.m.
Physiologic Dynamic Right Ventricular Outflow Tract Obstruction During Exercise: Clinical Implications for Exercise Echocardiography to Identify Abnormal Pulmonary Vascular Response
Annelieke CMJ van Riel, David Systrom, Rudolf K. Oliveira, Michael Landzberg, Barbara Mulder, Berto Bouma, Amil Shah, Aaron Waxman, Alexander Opotowsky, Brigham and Women's Hospital, Boston, MA, USA, Boston Children's Hospital, Boston, MA, USA
9:12 a.m.
Discussion
9:15 a.m.
Novel Echocardiographic Assessment of Right Ventricular Myocardial Stiffness in Patients With Pulmonary Hypertension
Anusith Tunhasiriwet, Chayakrit Krittananwong, Panorkwan Toparknarm, Mahmoud Alashry, Sorin Pislaru, Patricia Pellikka, Garvan Kane, Cristina Pislaru, Mayo Clinic, Rochester, MN, USA
9:27 a.m.
Discussion
Pulmonary Hypertension - Poster Contributions

Session #1186
Interventional Approaches to Pulmonary Embolism and Predictors of Outcomes in Pulmonary Hypertension
Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.
Posterior Area, South Hall A1
CME Hours: 0.75 /CNE Hours: 0.75

305 - Recurrent Venous Thromboembolism in Pulmonary Embolism Patients With Right Ventricular Dysfunction in the Hokusai-VTE Study
Marjolein Brekelmans, Walter Ageno, Ludo F. Beenen, Benjamin Brenner, Harry Buller, Cathy Chen, Alexander (Ander) Cohen, Michael Grosso, Guy Meyer, Gary Raskob, Annelise Segers, Thomas Vanassche, Peter Verhamme, Philip S. Wells, George Zhang, Jeffrey Weitz, Academic Medical Center, Amsterdam, The Netherlands

306 - The Contribution of Myocardial Layers of the Right Ventricular Free Wall to Right Ventricular Function in Pulmonary Hypertension: Analysis Using Multi-Layer Longitudinal Strain Assessed by Two-Dimensional Speckle Tracking Echocardiography
Koya Otawa, Nobusada Funabashi, Hiroyuki Takaoka, Nobuhiro Tanabe, Koichiro Tatsumi, Yoshihiro Kobayashi, Chiba University Graduate School of Medicine, Chiba, Japan

308 - Right Ventricular Dyssynchrony Improves After Pulmonary Thromboendarterectomy in Chronic Thromboembolic Pulmonary Hypertension
Darrin Wong, Omid Yousefian, William Auger, Michael Madani, Mary Dittrich, Lori Daniels, Ajit Raisinghani, Anthony DeMaria, Daniel Blanchard, University of California, San Diego, San Diego, CA, USA

309 - Catheter-Based Treatment Versus Systemic Thrombolysis in Acute Massive Pulmonary Embolism: A Comprehensive Meta-Analyses
Navkaranbir S. Bajaj, Rajat Kaifi, Pankaj Arora, Sameer Ather, Jason Guichard, William Lancaster, David C. McGiffin, Mustafa Ahmed, UAB, Birmingham, AL, USA

310 - Comparison of Rivaroxaban or Warfarin Use for Venous Thromboembolism on Inpatient Length of Stay
Steven Deitelzweig, Jeffrey Kline, Jay M. Margolis, Monika Raut, Oth Tran, David Smith, Concetta Crivera, Brahim Bookhart, Jeff Schein, William Olson, Ochsner Health System, New Orleans, LA, USA, Carolinas Medical Center, Indianapolis, IN, USA

311 - External Validation of the In-Hospital Mortality for Pulmonary Embolism Using Claims Data (IMPACT) Prediction Rule
Craig J. Coleman, Heather Rozijbek, Concetta Crivera, Jeff Schein, Christine Kohn, University of Connecticut, Storrs, CT, USA, Janssen Scientific Affairs, LLC, Raritan, NJ, USA

312 - Inflammatory Cytokines and Markers of Vascular Remodeling and Angiogenesis Are Associated With Functional Capacity, Hospitalizations and NT-ProBNP Levels in Patients With Pulmonary Arterial Hypertension
Ryan Alexander Davey, Youlan Rao, Kai Shen, Raymond Benza, Amresh Raina, Allegheny General Hospital, Pittsburgh, PA, USA, United Therapeutics, Triangle Park, NC, USA

313 - Hemodynamic Significance of the Left Ventricular Velocity of Propagation Measurements in Patients with Chronic Pulmonary Hypertension
Angel Lopez-Candales, Denada Palm, Marcel Mesa, Francisco Lopez, Jean Elwing, University of Puerto Rico School of Medicine, San Juan, PR, PR, University of Cincinnati College of Medicine, Cincinnati, OH, USA

314 - Right Atrial Strain Is Predictive of Clinical Outcomes and Invasive Hemodynamic Data in Group 1 Pulmonary Arterial Hypertension
Nicole Martin Bhave, Scott Visovatti, Brian Kulick, Theodore Kolias, Vallerie McLaughlin, University of Michigan, Ann Arbor, MI, USA

Pulmonary Hypertension - Scientific Session
Session #676
Establishing Standards in a New Era of Pulmonary Arterial Hypertension
Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.
Room SS05
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Tracy E. Macaulay
Co-Chair: John J. Ryan

10:45 a.m.
Pulmonary Arterial Hypertension in 2016 and Beyond: Classification and Prognostication
Vallerie V. McLaughlin

11:00 a.m.
Question and Answer

11:05 a.m.
Evolving Treatment Paradigm in Pulmonary Arterial Hypertension - Aggressive Upfront Therapy or Sequential Addition of Therapies
Jean-Luc Vachery
Brussels, Belgium

11:15 a.m.
Question and Answer

11:20 a.m.
Interventional and Surgical Therapies for Pulmonary Arterial Hypertension
David W. M. Muller
Darlinghurst NSW, Australia

11:30 a.m.
Question and Answer

11:35 a.m.
Accreditation of Pulmonary Hypertension Care Centers- The Role, the Challenges and the Benefits
Erika Berman Rosenzweig
New York, NY

11:45 a.m.
Question and Answer

11:50 a.m.
ACC-Talk: 20th Anniversary of ProstacyclinTherapies in Pulmonary Arterial Hypertension: From 1996 to Oral Therapies (Featuring a Tribute to Robyn Barst, MD)
Lewis J. Rubin
La Jolla, CA

12:10 p.m.
Question and Answer
Pulmonary Hypertension - Scientific Session
Session #690
Strategies in PAH: Pivot Towards the Right Ventricle
Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.
Room SS05
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: J. Eduardo Rame
Co-Chair: Michael A. Solomon
12:30 p.m.
Medical and Ultrafiltration Therapies in Acute Decompensated RHF (ADRHF)
Due to PAH: What Is the Evidence.
Amresh Raina
12:40 p.m.
Assisting the RV in PAH: Update on Mechanical Options and Future Direction
for Short and Long Term Support.
Charles Hoopes
Birmingham, AL
12:50 p.m.
The Role of Advanced RV Imaging in the Management of PAH.
Marcus Y. Chen
Bethesda, MD
1:00 p.m.
Pathologic RV Loading in PAH: Resistance, Compliance, and Does It Matter in
Acute RV Failure.
Francois Haddad
Palo Alto, CA
1:10 p.m.
RV Adaptation to Pressure Overload: Bench to Bedside Characterization of
Myocardial Hypertrophy and Failure.
Norbert F. Voelkel
Richmond, VA
1:20 p.m.
Clinical Vignette Presentation
J. Eduardo Rame
Philadelphia, PA
1:23 p.m.
Panel Discussion/Audience Question and Answer
1:23 p.m.
Panel Discussion Moderator
Michael A. Solomon
Bethesda, MD
Panelist: Amresh Raina
Panelist: Charles Hoopes
Panelist: Marcus Y. Chen
Panelist: Francois Haddad
Panelist: Norbert F. Voelkel

Pulmonary Hypertension - Scientific Session
Session #705
Venous Thromboembolism: The Acute Phase and Beyond
Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.
Room SS05
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Geoffrey D. Barnes
Co-Chair: Tracy E. Macaulay
2:00 p.m.
The Great Debate: Systemic Thrombolysis or Catheter Approach for
Massive/Submassive PE? (Thrombolysis)
Jay S. Giri
2:12 p.m.
The Great Debate: Systemic Thrombolysis or Catheter Approach for
Massive/Submassive PE? (Catheter Approach)
Kenneth Rosenfield
Boston, MA
2:24 p.m.
Rebuttal: Thrombolysis
2:27 p.m.
Rebuttal: Catheter Approach
2:30 p.m.
Who Should Get Extended Anticoagulation?
Geoffrey D. Barnes
Ann Arbor, MI
2:45 p.m.
What Antithrombotic Should Be Used for Secondary VTE Prevention?
Edith A. Nutescu
Chicago, IL
3:00 p.m.
How to Prevent and Treat the Post-Thrombotic Syndrome
Riyaz Bashir
Philadelphia, PA
3:15 p.m.
ACC-Talk: Do Reversal Agents for NOAC Change the Warfarin/NOAC
Conversation?
Victor F. Tapson
Beverly Hills, CA

Pulmonary Hypertension
Session #822
Core Curriculum: From Clots to Cor Pulmonale
Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.
Room N426
CME Hours: 1.25 /CNE Hours: 0
Chair: Samuel Z. Goldhaber
4:45 p.m.
When We Should Consider a Work-Up for a Hyper-Coagulable State and How
to Do It
Rajiv Pruthi
Rochester, MN
5:05 p.m. 
Evidence-Based Options for the Management of VTE
Paul P. Dobesh
Omaha, NE

5:25 p.m. 
Is This Diastolic HF, Cor Pulmonale, Pulmonary HTN, or All of the Above? 
Monique A. Freund
La Crosse, WI

5:45 p.m. 
Question and Answer

**Pulmonary Hypertension - Poster Contributions**

**Session #1265**

**Novel Prognostic Markers in Pulmonary Vascular Disease**
Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.
Poster Area, South Hall A1
CME Hours: 0.75 /CNE Hours: 0.75

305 - Individual Short Term Variability of Cardiac Index Assessed by Cardiac Magnetic Resonance in Pulmonary Arterial Hypertension
Christoffer Goransson, Niels Vejlstrup, Jorn Carlsen, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark

306 - Echocardiographic Prognostic Markers in Connective Tissue Disease Associated Pulmonary Hypertension Differ From Idiopathic Pulmonary Hypertension
Sninivas Vunnam, Rishin Handa, Masataka Sugahara, Akiko Goda, Omar Batal, Michael Mathier, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

307 - Novel Diagnostic Tool of PAH: Lung 123I-MIBG Scintigraphy
Kenjiro Higo, Kayoko Kubota, Sunao Miyanaga, Masaaki Miyata, Mitsuru Ohishi, Kagoshima University, Kagoshima, Japan

308 - Obesity Paradox in Pulmonary Hypertension: Analysis of the NIH-Pulmonary Hypertension Registry
Vijayangesh Nagarajan, Kenneth Bilchick, Luke Kohan, Timothy S. Welch, Andrew D. Mihaelek, Jamie L. W. Kennedy, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

309 - External Validation of Prognostic Rules for 30-Day Post-Pulmonary Embolism Mortality: Assessment of a Claims-Based and Three Clinical-Based Approaches
Christine Kohn, Erin R. Weeda, Gregory Ferrman, W. Frank Peacock, Christopher Tanner, Daniel McGrath, Concetta Crivera, Jeffrey R. Schein, Craig Coleman, Hartford Hospital, Hartford, CT, USA, University of Connecticut, Storrs, CT, USA

310 - PVR but Not DPG Predicts Cardiac Hospitalizations in Left Heart Disease-Associated Pulmonary Hypertension
Rebecca R. Vanderpool, Melissa Saul, Seyed-Mehdi Nouraie, Mark Gladwin, Marc Simon, Pittsburgh Heart, Lung, Blood, Vascular Medicine Institute, University of Pittsburgh, Pittsburgh, PA, USA, Howard University, Washington DC, DC, USA

311 - Hospitalization for Pulmonary Embolism Associated With Antecedent Testosterone or Estrogen Therapy in Patients Found to Have Familial Thrombophilia
Matan Rothschild, Ashwin Vijaykumar, Michael Goldenberg, Nasim Motayar, Jonathon Weber, Marloe Prince, Charles Glueck, Ping Wang, The Cholesterol, Metabolism, and Thrombosis Center of the Jewish Hospital of Cincinnati, Cincinnati, OH, USA

312 - Interventricular Septal Displacement Within the Cardiac Cycle Predicts Mortality in Patients With Pre-Capillary Pulmonary Hypertension
Julia Grasso, Timothy C. Tan, Giuliana Durighel, Petros Nihoyannopoulos, Imperial College NHS Trust, London, United Kingdom, Massachusetts General Hospital, Boston, MA, USA

313 - Fluid Challenge Test in Normal Subjects and in a Heterogeneous Population With Pulmonary Hypertension
Michele D’Alto, Emanueele Romeo, Paola Argiento, Giovanni M. Di Marco, Anna Correra, Berardo Sarubbi, Maria G. Russo, Robert Naeije, Monaldi Hospital, Naples, Italy, Erasme University, Bruxelles, Belgium

314 - Is Rivaroxaban Associated With Shorter Inpatient Stays and Lower Hospital Costs Versus Heparin/Warfarin in Low-Risk Pulmonary Embolism Patients?
Craig I. Coleman, Erin Weeda, W. Frank Peacock, Gregory Fermann, Concetta Crivera, Jeff Schein, Christine Kohn, University of Connecticut, Storrs, CT, USA, Janssen Scientific Affairs LLC, Raritan, NJ, USA

**Pulmonary Hypertension - Moderated Poster Contributions**

**Session #1291M**

**Interesting Thoughts on Thromboembolic Diseases and Basic Mechanisms of PAH**
Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.
Poster Area, South Hall A1
CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m. 
Localized Calcium Signaling in Pulmonary Hypertension Associated With Heart Failure
Nour Dayeh, Jonathan Ledoux, Jean-Claude Tardif, Marc-Antoine Gillis, Yanfen Shi, Mégane Tanguay, Louis Villeneuve, Jocelyn Dupuis, Université de Montréal, Montreal, Canada, Montreal Heart Institute, Montreal, Canada

12:40 p.m. 
Question and Answer

12:45 p.m. 
Impact of Inferior Vena Cava Filter Placement on Outcomes of Patients With Venous Thromboembolic Disease and Contraindications to Anticoagulation: A Propensity Analysis
Tyson Turner, Mohammed J. Saeed, Eric Novak, David Brown, Washington University in St. Louis, St. Louis, MO, USA

12:55 p.m. 
Question and Answer

1:00 p.m. 
Intravascular Imaging-Guided Percutaneous Transluminal Pulmonary Angioplasty for Peripheral Pulmonary Stenosis and Pulmonary Takayasu’s Arteritis
Ryoji Yanagisawa, Masaharu Kataoka, Takumi Inami, Nobuhiko Shimura, Haruhiya Ishiguro, Takanori Kawakami, Keichi Fukuda, Hideaki Yoshino, Toru Satoh, Kyorin University School of Medicine, Tokyo, Japan, Keio University School of Medicine, Tokyo, Japan
1:10 p.m.
Question and Answer

1:15 p.m.
Nationwide Trends in Pulmonary Artery Endarterectomy for Chronic Thromboembolic Pulmonary Hypertension
Arun Kanmanthareddy, Saurabh Aggarwal, Alok Saurav, Hemantha Koduri, Jitendra Pandya, Abhilash Akinapelli, Muhammad Soubhi Azzouz, Michael White, Manu Kaushik, Dennis Esterbrooks, Michael Del Core, Claire Hunter, Aryan Mooss, Venkata Alla, Creighton University School of Medicine, Omaha, NE, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Molecular Imaging of the Human Pulmonary Vascular Endothelium in Pulmonary Hypertension: The PulmoBind Safety and Proof of Principle Trial
Jocelyn Dupuis, François Harel, David Langleben, Steve Provencher, Alain Fournier, Quang T. Nguyen, Vincent Finnerty, Myriam Letourneau, Xavier Levac, Asmaa Mansour, Gad Abikhzer, Jean Guimond, Montreal Heart Institute, Montreal, Canada

1:40 p.m.
Question and Answer

ACC Poster Moderator: Jonathan Rich
ACC Poster Moderator: Anjali Vaidya

Pulmonary Hypertension - Scientific Session
Session #785
Pulmonary Hypertension (PH) Due to Left Heart Disease: WHO Group 2 — HFrEF, HFpEF
Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.
Room S504
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Teresa DeMarco
Co-Chair: Nazzareno Galie

3:45 p.m.
The Most Common Cause of PH: How Is It Defined, Classified and Diagnosed?
Why Is It Important?
Jean-Luc Vachiery

4:00 p.m.
Debate: Non-Invasive Approaches Are Sufficient for the Diagnosis and Classification of WHO Group 2 Versus Group 1 PH (Pro)
Paul Forfia
Philadelphia, PA

4:10 p.m.
Debate: Non-Invasive Approaches Are Not Sufficient: Heart Catheterization Is Essential for the Diagnosis of WHO Group 2 Versus Group 1 PH (Con)
James C. Fang
Salt Lake City, UT

4:20 p.m.
Rebuttal: Pro

4:25 p.m.
Rebuttal: Con

4:30 p.m.
Therapeutic Approaches: What Is the Evidence for Pharmcologic Therapies for WHO Group 2 PH?
Marc J. Semigran
Boston, MA

4:45 p.m.
Pulmonary Hypertension in Advanced Heart Failure: Management Considerations and Strategies for Heart Transplantation and LVAD Candidates
Srinivas Murali
Pittsburgh, PA

5:00 p.m.
Question and Answer
Panelist: Jean-Luc Vachiery
Panelist: Paul Forfia
Panelist: James C. Fang
Panelist: Marc J. Semigran
Panelist: Srinivas Murali