



### 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  
Kasaiah 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 CMJ van Riel, Alexander Opotowsky, 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, Karan 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 Malulji, 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 Thrombendarterectomy Cohort  
Farhan Raza, Hayan Al Malulji, 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. Mielniczuk  
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 S502

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, Thrombo-Embolism and the Year in Review

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S505

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 Minjot, 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 Opatowsky, 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 Krittanawong, Panorkwan Toparkngarm, 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.

Poster 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 Ozawa, Nobusada Funabashi, Hiroyuki Takaoka, Nobuhiro Tanabe, Koichiro Tatsumi, Yoshio 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-Analysis

Navkaranbir S. Bajaj, Rajat Kalra, 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 I. Coleman, Heather Rozjabek, 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 Bhawe, 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 S505

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 Vachiery  
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 Prostacyclin Therapies 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 S505

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 (ADRFH) 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 S505

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 Vejstrup, Jorn Carlsen, Rigshospitalet,

Copenhagen University Hospital, Copenhagen, Denmark

306 - Echocardiographic Prognostic Markers in Connective Tissue Disease

Associated Pulmonary Hypertension Differ From Idiopathic Pulmonary

Hypertension

Srinivas 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

Kenjuro 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

Vijai Ganesh Nagarajan, Kenneth Bilchick, Luke Kohan, Timothy S. Welch,

Andrew D. Mihalek, 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 Fermann, 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 Grapsa, 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, Emanuele Romeo, Paola Argiento, Giovanni M. Di Marco,

Anna Correr, 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.

Pulmonary Hypertension and FIT CDM Moderated Poster Theater,

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,

Haruhisa Ishiguro, Takashi Kawakami, Keiichi 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 Pharmacologic 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