New York Cardiovascular Symposium  
December 8-10, 2017  
New York Hilton Midtown  

Friday, December 8  

6:00 a.m.  Registration – Third Floor Promenade  
Continental Breakfast – America’s Hall  

Introductions  

7:15 a.m.  Shalom Jacobovitz  
Chief Executive Officer  
American College of Cardiology  

Mary Norine Walsh, MD, FACC  
President  
American College of Cardiology  

Timothy Malins, MD, FACC  
Governor, New York Chapter, American College of Cardiology  
President, New York Cardiological Society  

Cardiovascular and Coronary Artery Disease — Challenges in 2017  
Session I: New Frontiers  
Dr. Bhatt, Presiding  

7:30 a.m.  Vascular 3D-Ultrasound in Subclinical Systemic Disease: 12,000 Subjects  
Feasible, Predictable, Preventable, Futurable  
Dr. Fuster  

8:00 a.m.  Intravascular Optical Coherence Tomography in Clinical CAD: 1,400 Patients  
Feasibility, Predictability, Preventability, Futurability  
Dr. Jang  

8:25 a.m.  Genomics in Myocardial and Structural Heart Disease  
From Generic to a Personalized Cardiovascular Approach  
Dr. Seidman  

8:50 a.m.  Panel Discussion  
Drs. Fuster, Jang and Seidman  

9:20 a.m.  Coffee Break – America’s Hall  

Session II: Acute Coronary Syndromes  
Dr. Levine, Presiding
9:40 a.m.  STEMI 1: Timing, Mechanical Type and Pharmacology of Reperfusion
The Three Main Challenges to Decrease Infarct Size and Increase Viability
Dr. Ibáñez

10:05 a.m.  STEMI 2: PCI of Culprit Lesion Alone vs. FFR Guided Complete Revascularization
Effects on Hard End Points, MACE and Cost Effectiveness
Dr. Bhatt

10:30 a.m.  STEMI vs. NSTEMI vs. STABLE CAD: Post PCI Optimal DAPT Duration
Scoring the Complexity of Stenting and Disease
Dr. Yeh

10:55 a.m.  STEMI vs. NSTEMI vs. STABLE CAD: Five Challenging Cases
Five Challenging Antithrombotic Approaches
Dr. Levine

11:20 a.m.  Panel Discussion
Drs. Bhatt, Ibanez, Levine and Yeh

12:00 p.m.  Lunch – America’s Hall

Session III: Systemic Arterial Disease – Chronic Coronary Disease, Stroke and Pulmonary Embolism
Dr. Douglas, Presiding

1:00 p.m.  Chest Pain Evaluation: Possible vs. Probable CAD
No Test, Stress Test or CT Angio?
Dr. Douglas

1:20 p.m.  Complex Stable CAD: Evolving Evaluation and Management Strategies
Evaluate: Anatomy (SYNTAX), Ischemia (IFR), Microcirculation (CT, MRI)
Manage: Optimal Medical Therapy (OMT), PCI (Stents), CABG (IMA)
Dr. Fuster

1:45 p.m.  Acute Ischemic Stroke and Chronic Carotid Artery Stenosis
Two Entities with Novel Approaches
Dr. Brott

2:05 p.m.  Pulmonary Emboli: Diagnosis Based on Suspicion and Management in 2017
Based on the Acute Severity and Degree of Chronic PH
Dr. Piazza

2:25 p.m.  Panel Discussion
Drs. Brott, Douglas, Fuster and Piazza

2:55 p.m.  Coffee Break – America’s Hall

Session IV: Trends and Challenges of Approaching Prevention
Dr. Rader, Presiding

08/25/17
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| 3:15 p.m.| Aspirin in Primary and Secondary Cardiovascular Disease Prevention: Still Four Questions About Enteric Coated, Indicated Doses, Use in Diabetes, Use in PVD  
Dr. Patrono |
| 3:35 p.m.| Lipid Evaluation and Management: Four Evolving “Advances” Familial LDL-C, ApoB, HDL Efflux Capacity and PCSK9 Inhibitors  
Dr. Rader |
| 4:00 p.m.| Hypertension (HBP) Evaluation and Management: Three Challenges Identify Those with HBP, Reduce Salt (Amount?) and Personalize BP Target  
Dr. Spatz |
Dr. Fuster |
| 4:50 p.m.| Panel Discussion  
Drs. Fuster, Patrono, Rader and Spatz |
| 5:30 p.m.| Adjournment |

**Saturday, December 9**

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| 6:15 a.m.| Registration – Third Floor Promenade  
Continental Breakfast – America’s Hall |

Cardio-Pulmonary and Electrical Failure 2017  
**Session V: Systolic Heart Failure and Basis for Management**  
*Dr. Mann, Presiding*

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| 7:00 a.m.| Imaging (Echo, MRI, PET) as Diagnostic and Prognostic Tools For Seven Cardiomyopathies: Myocarditis, Dilated CM, Hypertrophic CM, Noncompaction LV, Amyloid CM, Sarcoid and Takotsubo  
Dr. Bonow |
| 7:25 a.m.| Therapeutic Approaches to Three Specific Cardiomyopathies Acute/Subacute Myocarditis, AL/TTR Amyloid, Non-compaction LV  
Dr. Dec |
| 7:50 a.m.| Systolic and Diastolic Dysfunction: Three Upcoming Challenges Promoting Early Detection HFrEF: Beyond Neprilysin/Enalapril  
HFmrEF: What Is It and How Does One Manage It?  
HFpEF: Etiopathogenetic Role and Impact of Comorbidities  
Dr. Mann |
| 8:20 a.m.| Advanced Heart Failure – The Three Upcoming Challenges |
Acute Heart Failure: Is It a Disease that Can Be Treated?
Comorbidities in Heart Failure: Emerging Positive Signals
End Stage Heart Failure: Are We Doing Better?
   Dr. O’Connor

8:45 a.m.  State-of-the-Art Management of Pulmonary Hypertension
Monitoring and Approach of the Three Main Etiopathogenesis
L-Sided Failure, Pulmonary Arterial Hypertension, Thromboembolic
   Dr. Gomberg-Maitland

9:10 a.m.  Panel Discussion
   Drs. Bonow, Dec, Gomberg-Maitland, Mann and O’Connor

9:40 a.m.  Coffee Break – America’s Hall

Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus
   Dr. Reddy, Presiding

10:00 a.m.  Innovations in Device Therapies: Three Approaches
   CRTs, the Right Indications, Subcutaneous ICDs, Leadless Pacemakers
   Dr. Wilber

10:25 a.m.  Ventricular Tachycardia: Catheter Ablation – Four Questions
   Who? When? How? Results?
   Dr. Reddy

10:50 a.m.  Atrial Fibrillation: Catheter Ablation – Four Questions
   Who? When? How? Results?
   Dr. Marchlinski

11:15 a.m.  Left Atrial Appendage Closure: Four Questions
   Who? When? How? Results?
   Dr. Holmes

11:40 a.m.  Atrial Fibrillation 2017: The Fourteen Non-ablation Clinical Challenges
   Quality of Life and Preventing Stroke
   Dr. Fuster

12:00 p.m.  Panel Discussion
   Drs. Fuster, Holmes, Marchlinski, Reddy and Wilber

12:30 p.m.  Lunch – America’s Hall

Session VII: Valvular Heart Disease and Aorta – Challenges in 2017
Management of Aortic Valve Disease and Aorta
   Dr. O’Gara, Presiding

1:30 p.m.  Aortic Valvular Stenosis: How to Assess the Four Variables for Management
   Low Flow / Low Gradient / Normal EF / Low EF
   Dr. O’Gara
Severe Aortic Valvular Disease: TVAR in Four Ages and Four Etiologies
Age 25 y/o Congenital, 50 y/o Bicuspid, 75 y/o Rheumatic, 100 y/o Degenerative
Drs. Adams, Nishimura and Sharma

The Dilated Thoracic and Abdominal Aorta and Complicating Dissection
Evolving Understanding of the Basic Biology and Management
Dr. Fuster

Panel Discussion
Drs. Adams, Fuster, O’Gara, Nishimura and Sharma

Coffee Break – America’s Hall

Session VIII: Management of Mitral Regurgitation and Hypertrophic Cardiomyopathy
Dr. Adams, Presiding

Significant Mitral Regurgitation (EF, LVEdD, PH or AF): Five Challenges
Two Etiologies (Primary, Secondary), Three Approaches (Medical, Clipping, Surgical)
Drs. Adams, Bonow and Sharma

Transcatheter Replacement for Mitral and Tricuspid Regurgitation
Evolving Approaches Under Investigation
Dr. Rodés-Cabau

Hypertrophic Cardiomyopathy: Four Challenging Questions
Genetics/Acquired, Myectomy/Three Types, Natural Hx/ICD, Apical/Aneurysm
Dr. Nishimura

Panel Discussion
Drs. Adams, Bonow, Nishimura, Rode-Cabau and Sharma

Adjournment

Sunday, December 10

6:45 a.m. Registration – Third Floor Promenade
Continental Breakfast – America’s Hall

Year in Review: The Nine Highlights of Progress in 2017
Dr. Fuster, Presiding

Session IX: Novelties on Genetics, Molecular Signaling and Cell Regeneration

7:30 a.m. Part 1: Progress in Genetic Medicine – Genome Editing
A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies
Dr. Musunuru

7:55 a.m. Part 2: Progress in Molecular Cardiovascular Medicine – MicroRNAs, Proteomics and Metabolomics
A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies
Dr. Mayr

8:20 a.m.  Part 3: Progress in Myocardial Regeneration – Exosomes and iPSCs
A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies
Dr. Marban

Section X: Novelties on Diagnostic and Therapeutic Strategies

8:45 a.m.  Part 1: Evolving Progress of Cardiovascular Imaging
Redefining Its Role in Biomedical Research and Clinical Practice
Dr. Di Carli

9:10 a.m.  Part 2: Evolving Progress of Coronary Interventional Stents
Bioresorbable Scaffolds – Moving Forward or Backwards?
Dr. Dangas

9:35 a.m.  HENRY RUSSEK LECTURE 2017
Part 3: The Known and Unknown of Transcatheter Aortic Valve Thrombosis
Dr. Bax

10:00 a.m.  Coffee Break – America’s Hall

Section XI: Aiming at the Future of Medicine

10:20 a.m.  Part 1: The Future of Promoting Health
Should Children’s Education Be the Priority Focus?
Dr. Fuster

10:45 a.m.  Part 2: Evolving Progress of Atherothrombotic Therapies
Reducing Inflammation to Reduce Cardiovascular Risk: The CANTOS Trial
Dr. Ridker

11:15 a.m.  PAUL DUDLEY WHITE LECTURE 2017
Part 3: The Future of Personalized Cardiovascular Medicine
A Practical Reality or a Dream Not Economical Feasible?
Dr. Califf

11:45 a.m.  Course Adjournment