## NEW YORK CARDIOVASCULAR SYMPOSIUM 2016

**December 9-11, 2016**

**New York Hilton Midtown**

### Friday, December 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 a.m.</td>
<td>Registration - Third Floor Promenade</td>
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<td>Continental Breakfast - America’s Hall</td>
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### Introductions

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter</th>
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<tr>
<td>7:15 a.m.</td>
<td>Shalom Jacobovitz</td>
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<td>Chief Executive Officer</td>
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<td>American College of Cardiology</td>
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<td></td>
<td>Richard A. Chazal, MD, FACC</td>
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<td></td>
<td>President</td>
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<td>American College of Cardiology</td>
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<td>Timothy J. Malins, MD, FACC</td>
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<td>President, New York State Chapter</td>
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<td>American College of Cardiology</td>
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### Cardiovascular and Coronary Artery Disease — Challenges in 2016

#### Session I: New Frontiers

*Dr. Bhatt, Presiding*

<table>
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<tr>
<th>Time</th>
<th>Topic</th>
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<tr>
<td>7:30 a.m.</td>
<td>New Frontiers in Cardiovascular Scientific and Funding Challenges</td>
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<td>From Disease to Health, From Aging to Birth</td>
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<td><em>Dr. Fuster</em></td>
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<td>8:00 a.m.</td>
<td>New Frontiers in Atherosclerotic Disease and Myocardial Infarction</td>
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<td>From Local Inflammation to Systemic Progenital Stem Cells Reaction</td>
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<td><em>Dr. Nahrendorf</em></td>
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<td>8:25 a.m.</td>
<td>New Frontiers in the Evolving Field of Omics</td>
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<td>From Generic to a Personalized Cardiovascular Disease Management</td>
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<td><em>Dr. Roberts</em></td>
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<td>8:50 a.m.</td>
<td>Panel Discussion</td>
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<td><em>Drs. Fuster and Roberts</em></td>
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<td>9:20 a.m.</td>
<td>Coffee Break - America’s Hall</td>
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### Session II: Acute Coronary Syndromes

*Dr. Halperin, Presiding*

<table>
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<tr>
<th>Time</th>
<th>Topic</th>
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<tr>
<td>9:40 a.m.</td>
<td>STEMI 1 - Timing to Reperfusion/Reperfusion Injury</td>
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<td>A Multi-Layer Challenge to Decrease Infarct Size</td>
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<td><em>Dr. Ibanez</em></td>
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<td>10:05 a.m.</td>
<td>STEMI 2 – Complete vs. Lesion Only Primary PCI</td>
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<td>Towards a Personalized Approach</td>
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As of 07/26/16
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. Halperin

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

12:00 a.m. Lunch - America’s Hall

Session III: Chronic Coronary and Systemic Arterial Disease
Dr. Gersh, Presiding

1:00 p.m. Complex Stable CAD -- Evolving Management Strategies
Anatomy (SYNTAX), Ischemia (FFR) and the Microcirculation (PET, CT, MRI)
Dr. Fuster

1:25 p.m. Revascularization in Severe Left Ventricular Dysfunction
Approach and is the Assessment of Viability is Still Viable?
Dr. Gersh

1:45 p.m. Acute Ischemic Stroke vs. Chronic Carotid Artery Stenosis
Evolving Acute Endovascular Approaches vs. Watching and Thinking
Dr. Yagaval

2:05 p.m. Evolving Challenges in the Evaluation and Treatment of Lower Extremity PAD
The Peripheral Academic Research Consortium (PARC)
Dr. Jones

2:25 p.m. Panel Discussion
Drs. Fuster, Gersh, Jones and Yavagal

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

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

3:15 p.m. Chest Pain Evaluation
No Test, Stress Test or CT Angio?
Dr. Douglas

3:35 p.m. Aspirin Therapy in Primary Cardiovascular Disease (CVD) Prevention
Only for Those at High CVD Risk, the Dose under Trials
Dr. Patrono

3:55 p.m. Four Evolving “Thinkings” on Lipid Evaluation and Management
Cholesterol Genetics, ApoB, HDL-Influx Capacity and PCSK 9 Inhibitors
Dr. Rader

4:15 p.m. Three Evolving “Thinkings” on Patients with High Blood Pressure (pHBP)
Identify All pHBP, Reduce Salt in all Foods and Personalize BP Rx Targets  
*Dr. Messerli*

4:35 p.m. The Four “Links” of Obesity -- Diabetes, Fatty Liver, Cardiomyopathy and AF  
The Potential Benefit and Rapid Evolution of Bariatric Surgery  
*Dr. Farkouh*

4:55 p.m. Panel Discussion  
*Drs. Douglas, Farkouh, Messerli, Patrono and Rader*

5:30 p.m. Adjournment

Saturday, December 10

6:15 a.m. Third Floor Promenade  
Continental Breakfast - America’s Hall

Cardio-Pulmonary and Electrical Failure 2016  
**Session V: Systolic Heart Failure and Basis for Management**  
*Dr. O’Connor, Presiding*

7:00 a.m. Imaging Diagnostic/Prognostic Approaches to Six Cardiomyopathies:  
Myocarditis, Dilated, Amyloid, Sarcoïd, Hypertrophic, Non-compaction  
*Dr. Garcia*

7:25 a.m. Clinical/Therapeutic Approaches to Three Specific Cardiomyopathies:  
Acute/Subacute Myocarditis, AL/TTR Amyloid, Non-Compaction  
*Dr. Dec*

7:50 a.m. Systolic Dysfunction – Early Diagnosis and Therapeutic Advances  
Prognostic Circulating Neprilysin and Therapeutic Neprilysin/Enalapril  
*Dr. Bayes-Genis*

8:15 a.m. Diastolic Dysfunction – Early Diagnosis and Therapeutic Failures  
Should Management be Focused on the Comorbidities?  
*Dr. O’Connor*

8:40 a.m. Support Devices for Acute CHF and Destination LVADs to Exclude Transplant  
Expectations, Indications, Benefits and Risks  
*Dr. Mancini*

9:05 a.m. State-of-the-Art Management of Pulmonary Arterial Hypertension:  
Based on Understanding of the Various Etiopathogenesis  
*Dr. McLaughlin*

9:30 a.m. Panel Discussion  
*Drs. Bayes-Genis, Dec, Garcia, Mancini, McLaughlin and O’Connor*

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

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

10:20 a.m. Innovations in Device Therapy and Follow-up Results
Subcutaneous ICDs, CRTs New Indications, Leadless Pacemakers
Dr. Wilber

10:40 a.m. Ventricular Tachycardia: Catheter Ablation
Who? How? When? Results?
Dr. Reddy

11:00 a.m. Atrial Fibrillation: Catheter Ablation
Who? How? When? Results?
Dr. Marchlinski

11:20 a.m. Atrial Fibrillation 2016 – The Fourteen Non-Ablation Clinical Challenges
Quality of Life and Preventing Stroke
Dr. Fuster

11:40 a.m. Left Atrial Appendage Closure as an Alternative to Anticoagulants
Who? How? When? Results?
Dr. Holmes

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

12:30 p.m. Lunch – America’s Hall

Valvular Heart Disease and Aorta — Challenges in 2016
Session VII: Management of Aortic Valve Disease, IHSS and Aorta
Dr. Leon, Presiding

1:30 p.m. Asymptomatic Severe Aortic Valvular Stenosis
Diagnostic Approaches and Therapeutic Strategies (LF/LG/NEF/LEF)
Drs. Leon and Vahl

1:55 p.m. Symptomatic Severe Aortic Valvular Stenosis (LF/LG/NEF/LEF)
TVAR in Patients at High, Moderate or Low Risk
Drs. Bavaria and Sharma

2:20 p.m. Symptomatic & Asymptomatic Aortic Valvular Incompetence
From Medical Therapy to Surgical AVR to Transcatheter AVR (?)
Drs. Bonow and O’Gara

2:45 p.m. Obstructive and Non-obstructive Hypertrophic Cardiomyopathy
Prevalence, Genetics, Natural History and Evolving Management
Dr. Maron

3:10 p.m. The Dilated Thoracic and Abdominal Aorta and Complicating Dissection
Evolving Understanding of the Basic Biology and Management
Dr. Fuster

3:35 p.m. Panel Discussion
Drs. Bavaria, Bonow, Fuster, Leon, Maron, O’Gara, Sharma and Vahl

4:00 p.m. Coffee Break – America’s Hall

Session VIII: Management of Mitral Regurgitation
4:20 p.m.  
Symptomatic and Asymptomatic Secondary Mitral Regurgitation (EF, PH, AF)  
From Medical Therapy to Surgical MVR to Transcatheter MVR (?)  
Drs. Bavaria and Bonow

4:45 p.m.  
Symptomatic and Asymptomatic Primary Mitral Regurgitation (EF, PH, AF)  
From Medical Therapy to Surgical MVR to Transcatheter MVR  
Drs O’Gara and Rodes-Cabau

5:10 p.m.  
Transcatheter Therapies for Mitral and Tricuspid Regurgitation  
Evolving Approaches Under Investigation  
Dr. Rodes-Cabau

5:30 p.m.  
Panel Discussion  
Drs. Bavaria, Bonow, O’Gara and Rodes-Cabau

6:00 p.m.  
Adjournment

Sunday, December 11

6:30 a.m.  
Continental Breakfast - America’s Hall

Year in Review: 10 Highlights Of Progress In 2016  
Session IX: Novelties on Genetics, Cell Regeneration and Molecular Signaling  
Dr. Fuster, Presiding

7:30 a.m.  
MicroRNAs and Genome Editing—Two Evolving Protagonists in Medicine  
A New Understanding of Cardiovascular Physiology, Pathology and Future Therapies  
Dr. Thum

7:55 a.m.  
Induced Pluripotent Stem Cells—Solving Barriers for a Powerful Future  
The 2016 New Experimental and Clinical Information  
Dr. Ieda

8:15 a.m.  
Gene Therapy Studies on the “Go”—Solving New Barriers  
The 2016 New Cardiovascular Information  
Dr. Hajjar

Section X: Novelties on Diagnostic & Therapeutic Strategies

8:35 a.m.  
Diagnostic and Therapeutic Trends in Congenital Heart Disease  
Watch the Next Decade  
Dr. Newburger

8:55 a.m.  
An Evolving Reality of Medicine, Part Genetic, Part Acquired  
Two Tangible Examples—The Long QT and The Brugada Syndrome  
Dr. Brugada

9:15 a.m.  
The Rapid Progress of Cardiovascular Imaging  
Redefining its Role in Biomedical Research and Clinical Practice  
Dr. Di Carli

9:35 a.m.  
Handheld Echocardiography—It Depends What Hands are Holding it

As of 07/26/16
Educational? Diagnostic? Overshadowing the Physical Examination?
Dr. Goldman

9:55 a.m.    Hybrid Coronary Revascularization
An Evolving Paradigm in Coronary Care
Dr. Puskas

10:15 a.m.   Coffee Break – America’s Hall

Section XI: Perspectives of the Future Based on the Past

10:35 a.m.   HENRY RUSSEK LECTURE 2016
“The Heart Healers”
Rebels and Risk Takers Behind the Medical Breakthroughs of Our Lives
Dr. Forrester

11:10 a.m.   PAUL DUDLEY WHITE LECTURE 2016
Experiences from the Platform of “60 Years of Observations”
A Few Reflections for the Medical and Cardiovascular Communities
Dr. DeSanctis

11:45 a.m.   Course Adjournment