

# New York Cardiovascular Symposium

FRIDAY, DECEMBER 6 –  
SUNDAY, DECEMBER 8, 2019

New York Hilton — Midtown



**Course Director**  
Valentin Fuster,  
MD, PhD, MACC



## THURSDAY, DECEMBER 5

2:30 p.m. Registration - Rhineland North, Level 2  
4:30 p.m. 7:00 p.m. Pre-Conference Session: *The Power of Real World Evidence* - Rhineland South, Level 2

## FRIDAY, DECEMBER 6

6:00 a.m. 7:45 a.m. Registration - Rhineland North, Level 2  
Visit the Exhibits and Breakfast - Americas Hall, Level 3

### 7:45 a.m. – 8:00 a.m. Introductions

Timothy W. Attebery, DSc, MBA, FACHE *(by video)*  
Chief Executive Officer, American College of Cardiology

Richard J. Kovacs, MD, FACC *(by video)*  
President, American College of Cardiology

Norma Keller, MD, FACC  
President, New York State Chapter, American College of  
Cardiology

### 8:00 a.m. – 9:35 a.m.

#### CARDIOVASCULAR & CORONARY ARTERY DISEASE — CHALLENGES IN 2019

Session I: Evolving New Frontiers Ready for Practice

Chair: Dr. Daniele Andreini

8:00 a.m.	8:25 a.m.	Noninvasive Imaging (3D-US, PET, MRI) & Genetic Stratification (50 Variants): Predicting Progression of CVD in Over 1,000 Subjects	Dr. Valentin Fuster
8:25 a.m.	8:45 a.m.	CTA Imaging in the Full Assessment of Coronary Disease: Noninvasive Approach to Plaque Anatomy, Ischemia & Microcirculation	Dr. Daniele Andreini
8:45 a.m.	9:05 a.m.	Primary Results of the ISCHEMIA Trial	Dr. Judith Hochman
9:05 a.m.	9:35 a.m.	Panel Discussion	Drs. Andreini, Fuster & Hochman

9:35 a.m. 9:55 a.m. Visit the Exhibits and Coffee Break - Americas Hall, Level 3

### 9:55 a.m. – Noon

Session II: Acute Coronary Syndrome Complexities

Chair: Dr. Jonathan Halperin

9:55 a.m.	10:15 a.m.	STEMI 1- PCI Culprit Lesion vs Complete Revascularization: With vs Without Cardiogenic Shock	Dr. Deepak Bhatt
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10:15 a.m.	10:35 a.m.	STEMI 2- Cardiogenic Shock and Revascularization Strategies	Dr. Sripal Bangalore
10:35 a.m.	10:55 a.m.	STEMI vs. NSTEMI vs. STABLE CAD - Optimal Antithrombotics & Timing. DAPT - Stent, Complexity, Comorbidities - and NOACs Role	Dr. Roxana Mehran
10:55 a.m.	11:15 a.m.	STEMI vs. NSTEMI vs. STABLE CAD - Evolving Antithrombotics & Safety: APT &/or NOAC - CAD Stent & AF, CAD Stent & No Stent, VHD / PHV & AF	Dr. Jonathan Halperin
11:15 a.m.	11:45 a.m.	Panel Discussion	Drs. Bangalore, Bhatt, Halperin & Mehran
11:45 a.m.	12:45 p.m.	Visit the Exhibits and Lunch - Americas Hall, Level 3	
<b>12:45 p.m. – 2:55 p.m.</b>			
<b>Session III: Systemic Arterial Disease — Chronic Coronary Disease, Stroke and Pulmonary Embolism</b>			
<b>Chair: Dr. Patrick O'Gara</b>			
12:45 p.m.	1:10 p.m.	Chest Pain Evaluation - Possible vs Probable CAD Evaluation: CAC vs. Stress Test vs. CT Angio vs. Coronary Angiogram	Dr. Jeroen J. Bax
1:10 p.m.	1:35 p.m.	Managing Steps - Clinical, Anatomy, LV, Ischemia, Plaque, Microcirculation: Role of PCI vs. CABG vs. OMT	Dr. Valentin Fuster
	2:00 p.m.	Complexities of Acute Stroke and Chronic Carotid Artery Stenosis: Two Entities With Novel Therapeutic Approaches	Dr. Priyank Khandelwal
2:00 p.m.	2:25 p.m.	Pulmonary Emboli - Diagnosis Based on Suspicion: Management Based on the Acute Severity and Degree of Chronic PH	Dr. Cecilia Becattini
2:25 p.m.	2:55 p.m.	Panel Discussion	Drs. Bax, Becattini, Khandelwal & Fuster
2:55 p.m.	3:15 p.m.	Visit the Exhibits and Coffee Break - Americas Hall, Level 3	
<b>3:15p.m. – 6:00 p.m.</b>			
<b>Session IV: Trends and Challenges of Approaching Prevention — Health Factors</b>			
<b>Chair: Dr. Sidney Smith</b>			
3:15 p.m.	3:35 p.m.	JACC Seminar: Four Challenges To Enhance Eight Health Factors 1. Pathophysiological Effects 2. Mechanistic/Triggering Factors 3. Role of Preventive Action 4. Competencies for Training	Dr. Valentin Fuster
3:35 p.m.	3:50 p.m.	Healthy Weight	Dr. Carl Lavie
3:50 p.m.	4:05 p.m.	Nutrition and Diet	Dr. Robert Rosenson
4:05 p.m.	4:20 p.m.	Physical Activity	Dr. Carl Lavie
4:20 p.m.	4:35 p.m.	Tobacco Free	Dr. Nancy Rigotti
4:35 p.m.	4:50 p.m.	Blood Pressure	Dr. Sidney Smith
4:50 p.m.	5:05 p.m.	Cholesterol	Dr. Sidney Smith
5:05 p.m.	5:20 p.m.	Blood Sugar	Dr. Patrick O'Gara

5:20 p.m.	5:35 p.m.	Psychological Health	Dr. Patrick O'Gara
5:35 p.m.	6:00 p.m.	Panel Discussion	Drs. Fuster, Lavie, O'Gara, Rigotti, Rosenson & Smith

6:00 p.m.  
Adjourn

**SATURDAY, DECEMBER 7**

6:00 a.m.	8:00 a.m.	Registration - Rhinelander North, Level 2 Visit the Exhibits and Breakfast - Americas Hall, Level 3
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**8:00 a.m. – 10:10 a.m.**  
**CARDIO-PULMONARY AND ELECTRICAL FAILURE 2019**  
**Session V: Myocardial Disease and Heart Failure; Basis for Management**  
**Chair, Dr. William Dec**

8:00 a.m.	8:20 a.m.	Evolving Imaging (MRI, PET) as Diagnostic & Prognostic Tools For 7 Myocardial Diseases - Myocarditis, Dilated CM, Hypertrophic CM, Noncompaction LV, Amyloid CM, Sarcoid & Takotsubo	Dr. Y. S. Chandrashekhar
8:20 a.m.	8:35 a.m.	Evolving Clinical Genetics & Omics in Myocardial Disease: Which or What Subgroup of the 7 Entities Should Be Gene Tested	Dr. Amy Kontorovich
8:35 a.m.	9:00 a.m.	Evolving Understanding of HFrEF vs HFpEF vs HFieF (i=Intermediate) Different Biological Phenotypes and Evolving Therapeutic Options	Dr. G. William Dec
9:00 a.m.	9:20 a.m.	Evolving Therapeutic Approaches to 3 Challenging Cardiomyopathies: Myocarditis, Takotsubo and AL/TTR Amyloid	Dr. Mathew Maurer
9:20 a.m.	9:40 a.m.	LVADs - The 2 Upcoming Challenges 1. Indications: not too Late, Not too Early, since Risks are High 2. New Biocompatible Devices, Equal to Transplant Survival?	Dr. Mandeep Mehra
9:40 a.m.	10:10 a.m.	Panel Discussion	Drs. Chandrashekhar, Dec, Kontorovich, Maurer & Mehra
10:10 a.m.	10:30 a.m.	Visit the Exhibits and Coffee Break - Americas Hall, Level 3	

**10:30 a.m. – 12:30 p.m.**  
**Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus**  
**Chair, Dr. Francis Marchlinski**

10:30 a.m.	10:55 a.m.	Atrial Fibrillation 2019 - The 14 Non-Ablation Clinical Challenges: Quality of Life & Preventing Stroke	Dr. Valentin Fuster
10:55 a.m.	11:15 a.m.	Atrial Fibrillation: Catheter Ablation - 4 Questions: Who?, When ?, How?, Results? (CABANA & Others)	Dr. Francis Marchlinski
11:15 a.m.	11:30 a.m.	Left Atrial Appendage Closure - 4 Questions: Who?, When?, How?, Results?	Dr. Vivek Reddy
11:30 a.m.	11:50 a.m.	Ventricular Tachycardia: Catheter Ablation - 4 Questions Who?, When ?, How?, Results?	Dr. Francis Marchlinski

11:50 a.m.	12:10 p.m.	Follow Up of The Three Recent Device Therapeutic Approaches: CRTs Strict Indications, Subcutaneous ICDs, Leadless Pacemakers	Dr. Jagmeet Singh
12:10 p.m.	12:30 p.m.	Panel Discussion	Drs. Fuster, Marchlinski, Reddy & Singh
12:30 p.m.	2:00 p.m.	Visit the Exhibits and Lunch - Americas Hall, Level 3	
<b>2:00 p.m. – 3:30 p.m.</b>			
<b>Session VII: Management of Aortic Valve Disease and Aorta</b>			
<b>Chair, Dr. Rick Nishimura</b>			
2:00 p.m.	2:10 p.m.	Aortic Valvular Stenosis: 3 Diagnostic and Management Challenges: Congenital vs Senile; Asymptomatic vs Symptomatic; Low Flow/Low Gradient: CM 2ary to AS vs. Dilated vs Restrictive	Dr. Robert Bonow
2:10 p.m.	2:30 p.m.	Discussants	Drs. Nishimura, O'Gara, Sharma & Bax
2:30 p.m.	2:40 p.m.	Aortic Regurgitation -- 3 Diagnostic and Management Challenges: Associated or not Dilatation of the Aorta Asymptomatic vs Symptomatic EF Low/Intermediate vs Normal	Dr. Rick Nishimura
2:40 p.m.	3:00 p.m.	Discussants	Drs. Bonow, O'Gara, Sharma & Bax
3:00 p.m.	3:20 p.m.	The Dilated Thoracic & Abdominal Aorta and Complicating Dissection: Evolving Understanding of the Basic Biology & Management	Dr. Valentin Fuster
3:20 p.m.	3:30 p.m.	Discussants	Drs. Bax & El-Hamamsy
3:30 p.m.	3:50 p.m.	Visit the Exhibits and Coffee Break - Americas Hall, Level 3	
<b>3:50 p.m. – 5:30 p.m.</b>			
<b>Session VIII: Management of Mitral Regurgitation, Tricuspid Regurgitation and Hypertrophic Cardiomyopathy</b>			
<b>Chair, Dr. Jeroen Bax</b>			
3:50 p.m.	4:00 p.m.	Mitral Regurgitation: 3 Diagnostic and Management Challenges: Primary vs Secondary; Asymptomatic vs Symptomatic; EF Low/Intermediate vs Normal	Dr. Gregg Stone
4:00 p.m.	4:20 p.m.	Discussants	Drs. Bonow, O'Gara, Sharma & Bax
4:20 p.m.	4:30 p.m.	Tricuspid Regurgitation: 3 Diagnostic and Management Challenges: Primary vs Secondary to Pulmonary Hypertension; Residual from Previous Left Sided Valvular Surgery or not; Symptomatic with RVEF Low/Intermediate vs Normal	Dr. Josep Rodes-Cabau
4:30 p.m.	4:50 p.m.	Discussants	Drs. Bonow, O'Gara, Sharma & Bax
4:50 p.m.	5:10 p.m.	Hypertrophic Cardiomyopathy - 4 Challenging Questions: Genetics/Acquired; Myectomy/3Types; Natural Hx/ICD; Apical/Aneurysm	Dr. Rick Nishimura
5:10 p.m.	5:30 p.m.	Panel Discussion	Drs. Bax, Bonow, Nishimura, O'Gara, Rodes-Cabau Sharma & Stone

5:30 p.m.  
Adjourn

**SUNDAY, DECEMBER 8**

Registration - Rhinelander North, Level 2

6:00 a.m. 8:00 a.m. Breakfast - Americas Hall, Level 3

8:00 a.m. – 9:00 a.m.

**YEAR IN REVIEW: THE 9 HIGHLIGHTS OF PROGRESS IN 2019**

Session IX: Translational Progress on Genetics, Cellular and Matrix Biology

Chair, Dr. Valentin Fuster

8:00 a.m.	8:20 a.m.	Part 1. Translational Progress in Genetic Medicine: From Gene Editing in Rhythm Disorders to iPCS in E-Cigarettes Dangers	Dr. Joseph Wu
8:20 a.m.	8:40 a.m.	Part 2. Translational Progress in Cell Regeneration & Degeneration: Clonal Hematopoiesis: A Potent, Common, and Newly Recognized Cardiovascular Risk Factor	Dr. Peter Libby
8:40 a.m.	9:00 a.m.	Part 3. Translational Progress in Extracellular Matrix: Defensive Remodeling vs Therapeutic Lysis	Dr. Jason Kovacic

9:00 a.m. – 10:00 a.m.

**Session X: Novelties on Diagnostic & Therapeutic Strategies**

Chair, Dr. Valentin Fuster

9:00 a.m.	9:20 a.m.	Part 1. Evolving 18 F Fluoride PET - Clinical and Research Applications: Aortic Valvular Stenosis, Heart & Vascular Macrophage Infiltration	Dr. Marc Dweck
9:20 a.m.	9:40 a.m.	Part 2. Evolving Cardiac MRI - Clinical and Research Applications: Post Myocardial Infarction, Early Chemotherapy Toxicity	Dr. Borja Ibanez
9:40 a.m.	10:00 a.m.	Part 3. Evolving Diagnostic Tools - Evaluation of the Microcirculation: The Ignored Frequent Microvascular Syndromes	Dr. Viviany Taqueti

10:00 a.m. 10:20 a.m. Coffee Break - Promenade, Level 3

10:20 a.m. – 11:30 a.m.

**Session XI: Aiming at the Future of Medicine**

Chair, Dr. Valentin Fuster

10:20 a.m.	10:40 a.m.	Part 1. The Future of Health Education Starting at Pre-School: Approach in 50,000 Children, at Short, Middle and Long Term	Dr. Valentin Fuster
10:40 a.m.	11:00 a.m.	Part 2. Cognitive Impairment and Dementia in the Elderly: Vascular, Alzheimer's & Combination of Both	Dr. Rebecca Gottesman
11:00 a.m.	11:30 a.m.	PAUL DUDLEY WHITE KEYNOTE 2019 Part 3. The Future of Residual Risk Factors to Be Addressed After Cholesterol Management	Dr. Paul Ridker

11:30 a.m.

Adjourn

As of 11/06/19;  
Subject to change