

# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

OUTFRONT  
ON EDUCATION

## FRIDAY, DECEMBER 9

7:45 – 8 a.m.

### Welcome

Valentin Fuster, MD, PhD, MACC  
Course Director  
New York, NY

Edward T.A. Fry, MD, FACC  
President, American College of Cardiology  
Indianapolis, IN

## Cardiovascular and Coronary Artery Disease — Challenges in 2022

### Session I: Evolving New Frontiers of Imaging Ready for Practice

Chair: Edward T.A. Fry, MD, FACC

8 – 8:25 a.m.

**Evolving Approaches for Primordial, Primary, and Secondary Prevention:  
Very Early Education, Non-Invasive CV/Brain Imaging, and Polypill Respectively**  
Valentin Fuster, MD, PhD, MACC  
New York, NY

8:25 – 8:45 a.m.

**Evolving Imaging Approaches for a Full Evaluation of Coronary Disease:  
CTA Anatomy, Plaque Structure, and Functional Characteristics**  
Ron Blankstein, MD, FACC  
Boston, MA

8:45 – 9:05 a.m.

**Evolving Tools Targeting and Interpreting Vasomotion Dependent Ischemia:  
Epicardial, Microvasculature, Takotsubo Syndromes, and Other Tricks**  
Yuhei Kobayashi, MD  
New York, NY

9:05 – 9:25 a.m.

**Panel Discussion**  
Drs. Blankstein, Fry, Fuster, and Kobayashi

9:25 – 9:45 a.m.

### Break

### Session II: Acute Coronary Syndrome Advances

Chair: Roxana Mehran, MD, FACC

9:45 – 10:05 a.m.

**Evolving Strategies for Acute Coronary Syndromes:  
Differences Between US and European Clinical Practice Guidelines**  
Borja Ibanez, MD  
Madrid, Spain

10:05 – 10:25 a.m.

**Evolving Three Strategies of Platelet Inhibitors in Coronary Disease:  
Chronic Native Disease, 1 to 6 Months Post PCI, and Long-Term Post PCI**  
Roxana Mehran, MD, FACC  
New York, NY

# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

OUTFRONT  
ON EDUCATION

Friday, December 9 (continued)	
10:25 – 10:45 a.m.	<b>Evolving Two Strategies of New Oral Anticoagulants in Coronary Disease: Post-MI Left Ventricular Dysfunction and Chronic Native Disease</b> <i>Deepak L. Bhatt, MD, MPH, FACC</i> <i>Boston, MA</i>
10:45 – 11:05 a.m.	<b>Evolving Subacute and Chronic Impact of COVID-19 on Cardiovascular Sequelae: Autonomic Nervous System Dysfunction (ANS) as a Primary Concern</b> <i>Joseph Parrillo, MD, FACC</i> <i>Hackensack, NJ</i>
11:05 – 11:30 a.m.	<b>Panel Discussion</b> <i>Drs. Bhatt, Ibanez, Mehran, and Parrillo</i>
11:30 a.m. – 1 p.m.	Lunch
Session III: Chronic Coronary Disease, Stroke, and Pulmonary Embolism	
Chair: Judith S. Hochman, MD, FACC	
1 – 1:25 p.m.	<b>Evolution in the Management of Stable Coronary MVD: CABG, PCI, CABG Versus PCI, OMT, and Microvasculature</b> <i>Valentin Fuster, MD, PhD, MACC</i> <i>New York, NY</i>
1:25 – 1:45 p.m.	<b>Evolving New Challenges as a Result of the ISCHEMIA Trial – ISCHEMIA EXTEND Interim Results: Quality of Life? Adherence to OMT? Predictions at 10 Years?</b> <i>Judith S. Hochman, MD, FACC</i> <i>New York, NY</i>
1:45 – 2:05 p.m.	<b>Evolving Strategies for Carotid Disease, Ischemic, and Hemorrhagic Stroke: Differences Between US and European Clinical Practice Guidelines</b> <i>Joshua Z. Willey, MD</i> <i>New York, NY</i>
2:05 – 2:25 p.m.	<b>Evolving Advances in DVT and Pulmonary Emboli: Evaluation, Prevention, and Management</b> <i>Gregory Piazza, MD, FACC</i> <i>Boston, MA</i>
2:25 – 2:45 p.m.	<b>Panel Discussion</b> <i>Drs. Fuster, Hochman, Piazza, and Willey</i>
2:45 – 3 p.m.	Break
Session IV: Trends and Challenges of Approaching Prevention – Health Factors	
Chair: Pamela Bowe Morris, MD, FACC	
3 – 3:20 p.m.	<b>The Good News – Cardiorespiratory Fitness, Peak O<sub>2</sub>/MET's, and Survival: Physical Activity as the Best Investment in Preventive CV Medicine</b> <i>Carl J. Lavie, MD, FACC</i> <i>New Orleans, LA</i>

# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

OUTFRONT  
ON EDUCATION

Friday, December 9 (continued)	
3:20 – 3:40 p.m.	<b>The Bad News – Cardiovascular Disease Projections in the US: An Alarming Situation for the Cardiovascular Community</b> <i>Andreas P. Kalogeropoulos, MD, MPH, PhD, FACC</i> <i>Stony Brook, NY</i>
3:40 – 4 p.m.	<b>Obesity as a Huge Epidemiological Challenge: From Genetics and Behavior to Pharmacotherapy and Bariatric Surgery</b> <i>W. Timothy Garvey, MD</i> <i>Birmingham, AL</i>
4 – 4:20 p.m.	<b>Lipid-Modifying Agents as a Continuous Success Development: From Statins to PCSK9 Inhibitors and Beyond</b> <i>Pamela Bowe Morris, MD, FACC</i> <i>Charleston, SC</i>
4:20 – 4:40 p.m.	<b>Diabetic-Modifying Agents in Evolution: From Metformin to SGLT2 Inhibitors and GLP1 Receptor Agonists</b> <i>David Preiss, MD, PhD</i> <i>Oxford, United Kingdom</i>
4:40 – 5 p.m.	<b>Hypertension as Number One Killer of CVD Seems to Be Neglected: An Obsession on BP Levels, but Not in Identifying and Following the Affected</b> <i>Franz H. Messerli, MD, FACC</i> <i>Bern, Switzerland</i>
5 p.m.	Adjournment
SATURDAY, DECEMBER 10	
Cardio-Pulmonary and Electrical Failure 2022	
Session V: Myocardial Disease and Heart Failure – Basis for Management	
Chair: Maria Rosa Costanzo, MD, FACC	
8 – 8:25 a.m.	<b>Evolving Imaging (MRI, PET) for Seven Myocardial Diseases: Myocarditis, DCM, HCM, NCLV, Amyloid CM, Sarcoid, and Takotsubo – Diagnostic and Prognostic Tools</b> <i>Y.S. Chandrasekhar, MD, FACC</i> <i>Minneapolis, MN</i>
8:25 – 8:45 a.m.	<b>Evolving Pharmacology for Heart Failure: Approach to Clinical Trials and Practice</b> <i>Christopher O'Connor, MD, MACC</i> <i>Falls Church, VA</i>
8:45 – 9:05 a.m.	<b>Evolving Understanding of HFrEF Versus HFIEF Versus HFpEF Phenotypes: Therapeutic Role of ARNIs and SGLT2 Inhibitors in the Three Entities</b> <i>Maria Rosa Costanzo, MD, FACC</i> <i>Wheaton, IL</i>

# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

**OUTFRONT**  
ON EDUCATION

Saturday, December 10 (continued)	
9:05 – 9:25 a.m.	<b>Evolving Therapeutic Approaches to Four Challenging Cardiomyopathies: Myocarditis and COVID 19, Takotsubo, AL/TTR Amyloid, and NCLV</b> <i>Mathew S. Maurer, MD, FACC</i> <i>New York, NY</i>
9:25 – 9:45 a.m.	<b>Assist Devices in Cardiac Decompensation – The Two Challenges:</b> <b>1. LVAD Indications: Not Too Early Since Risks Are High, but Not Late</b> <b>2. Assist Devices in the Acute Decompensation: Impella Versus ECMO</b> <i>Biykem Bozkurt MD, PhD, FACC</i> <i>Houston, TX</i>
9:45 – 10:15 a.m.	<b>Panel Discussion</b> <i>Drs. Bozkurt, Costanzo Chandrashekar, O'Connor, and Maurer</i>
10:15 – 10:30 a.m.	<b>Break</b>
Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus	
Chair: <i>Francis E. Marchlinski, MD, FACC</i>	
10:30 – 10:55 a.m.	<b>Atrial Fibrillation – Evolving Clinical Challenges: Quality of Life and Preventing Stroke</b> <i>Valentin Fuster, MD, PhD, MACC</i> <i>New York, NY</i>
10:55 – 11:15 a.m.	<b>Atrial Fibrillation – Evolving Ablation Tools and LAA Closure: Who? When? How? Long-Term Results?</b> <i>Vivek Y. Reddy, MD, FACC</i> <i>New York, NY</i>
11:15 – 11:30 a.m.	<b>Sinus Tachycardia – Inappropriate Type, Role of Ivabradine: Who? When? How? Long-Term Results?</b> <i>Dhanunjaya R. Lakkireddy, MBBS, FACC</i> <i>Overland Park, KS</i>
11:30 a.m. – 11:50 a.m.	<b>Ventricular Tachycardia – Catheter Ablation: Who? When? How? Long-Term Results?</b> <i>Francis E. Marchlinski, MD, FACC</i> <i>Philadelphia, PA</i>
11:50 a.m. – 12:10 p.m.	<b>Three Device Therapeutic Approaches – CRTs Strict Indications, Subcutaneous ICDs, and Leadless Pacemakers: Who? When? How? Long-Term Results?</b> <i>Michael Robert Gold, MD, PhD, FACC</i> <i>Charleston, SC</i>
12:10 – 12:30 p.m.	<b>Panel Discussion</b> <i>Drs. Fuster, Gold, Lakkireddy, Marchlinski, and Reddy</i>
12:30 – 2 p.m.	<b>Lunch</b>

# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

OUTFRONT  
ON EDUCATION

Saturday, December 10 (continued)	
Valvular Heart Disease and Aorta – Challenges in 2022	
Session VII: Management of Aortic Valve Disease and Aorta	
Chair: Robert O. Bonow, MD, MACC	
2 – 2:20 p.m.	<b>The Ten Major Advances in Structural Heart Disease in 2021-2022</b> <i>Samin K. Sharma, MBBS, FACC</i> <i>New York, NY</i>
2:20 – 2:35 p.m.	<b>Aortic Valvular Stenosis – Three Diagnostic and Management Challenges:</b> <ol style="list-style-type: none"> <li>1. Congenital Bicuspid Versus Senile</li> <li>2. Asymptomatic Versus Symptomatic</li> <li>3. Low Flow/Low Gradient: CM Secondary to AS Versus Dilated or Restrictive</li> </ol> <i>Robert O. Bonow, MD, MACC</i> <i>Chicago, IL</i>
2:35 – 2:45 p.m.	<b>Critical Commentary: Drs. Adams, Rodés-Cabau, Sharma, and Stone</b>
2:45 – 3 p.m.	<b>Aortic Regurgitation – 3 Diagnostic and Management Challenges:</b> <ol style="list-style-type: none"> <li>1. Associated or Not Dilatation of the Aorta</li> <li>2. Asymptomatic Versus Symptomatic</li> <li>3. EF Low/Intermediate Versus Normal</li> </ol> <i>Robert O. Bonow, MD, MACC</i> <i>Chicago, IL</i>
3 – 3:10 p.m.	<b>Critical Commentary: Drs. Adams, Rodés-Cabau, Ommen, Sharma and Stone</b>
3:10 – 3:25 p.m.	<b>The Dilated Thoracic and Abdominal Aorta, and Complicating Dissection: Evolving Understanding of the Basic Biology and Management</b> <i>Valentin Fuster, MD, PhD, MACC</i> <i>New York, NY</i>
3:25 – 3:35 p.m.	<b>Critical Commentary: Dr. El-Hamamsy</b>
3:35 – 3:50 p.m.	<b>Break</b>
Session VIII: Management of Mitral Regurgitation, Tricuspid Regurgitation, and Hypertrophic Cardiomyopathy	
Chair: David H. Adams, MD, FACC	
3:50 – 4:05 p.m.	<b>Mitral Regurgitation – Three Diagnostic and Management Challenges:</b> <ol style="list-style-type: none"> <li>1. Primary Versus Secondary</li> <li>2. Asymptomatic Versus Symptomatic</li> <li>3. EF Low/Intermediate Versus Normal</li> </ol> <i>Gregg W. Stone, MD, FACC</i> <i>New York, NY</i>
4:05 – 4:15 p.m.	<b>Critical Commentary: Drs. Adams, Bonow, Rodés-Cabau, Ommen, and Sharma</b>



# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

OUTFRONT  
ON EDUCATION

Saturday, December 10 (continued)	
4:15 – 4:30 p.m.	<b>Tricuspid Regurgitation – Three Diagnostic and Management Challenges:</b> <ol style="list-style-type: none"> <li>1. Primary Versus Secondary to Pulmonary Hypertension</li> <li>2. Residual From Previous Left Sided Valvular Surgery or Not</li> <li>3. Symptomatic With RVEF Low/Intermediate Versus Normal</li> </ol> <i>Josep Rodés-Cabau, MD</i> Quebec, Canada
4:30 – 4:40 p.m.	<b>Critical Commentary: Drs. Adams, Bonow, Ommen, Stone, and Sharma</b>
4:40 – 5 p.m.	<b>Hypertrophic Cardiomyopathy – Five Challenging Questions:</b> <b>Genetic/Acquired, Mavacamtem, Myectomy, Apical, and Sudden Death</b> <i>Steve R. Ommen, MD, FACC</i> Rochester, MN
5 p.m.	<b>Adjournment</b>
SUNDAY, DECEMBER 11	
<b>Year In Review: 10 Highlights of Progress in 2022</b> <b>Session IX: Novelties on Pharmacology, Clinical and Epidemiological CV Science</b> <i>Chair: Valentin Fuster, MD, PhD, MACC</i>	
8 – 8:20 a.m.	<b>Lipoprotein (a) With Atherosclerotic Plaque Risk and Effect of “Pelacarsen”</b> <i>Sotirios Tsimikas, MD, FACC</i> La Jolla, CA
8:20 – 8:40 a.m.	<b>Evolving Pharmacological Spectrum of the “Polypill” for Secondary Prevention</b> <i>Jose M. Castellano, PhD</i> Madrid, Spain
8:40 – 9 a.m.	<b>“Immune Checkpoint” Therapies: Myocardial and Coronary Side Effects</b> <i>Bonnie Ky, MD, FACC</i> Philadelphia, PA
9 – 9:20 a.m.	<b>Post-MI Mitral Valve Remodeling and Effect of “Cyproheptadine”</b> <i>Ons Marsit, MSc</i> Quebec, Canada
9:20 – 9:40 a.m.	<b>In AF, Restoring SR Reverses Heart Remodeling and Valvular Regurgitation</b> <i>Laurie Soulat-Dufour, MD</i> Paris, France
9:40 – 10 a.m.	<b>Advances in Primary Pulmonary Hypertension</b> <i>Vallerie V. McLaughlin, MD, FACC</i> Ann Arbor, MI
10 – 10:20 a.m.	<b>Evolving Clinical Genetics and Omics in Seven Myocardial Diseases:</b> <b>Which Subgroup or When Should Be Gene Tested?</b> <i>Amy Kontorovich, MD, FACC</i> New York, NY

# NEW YORK CARDIOVASCULAR SYMPOSIUM 2022

FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11  
New York Hilton Midtown

**OUTFRONT**  
ON EDUCATION

Sunday, December 11 (continued)	
10:20 – 10:40 a.m.	<b>Myocardial Fibrosis Predictive of Ventricular Arrhythmias and Sudden Death</b> <i>Christopher M. Kramer, MD</i> <i>Charlottesville, VA</i>
10:40 – 11 a.m.	<b>Transcatheter Intervention in CHD: Septal Defects and Valve Dysfunction</b> <i>Mariel Turner, MD, FACC</i> <i>New York, New York</i>
11 – 11:30 a.m.	<b>Epicardial Fat Inflammatory Signaling in Atrial Fibrillation, Coronary Artery Disease and Heart Failure</b> <i>Gianluca Iacobellis, MD</i> <i>Miami, FL</i>
11:30 a.m.	<b>Adjourn</b>