

## AGENDA

All sessions take place in the Regency Ballroom unless otherwise noted.

### FRIDAY, DEC. 6

**7 - 8:45 a.m.**

#### **Breakfast & Visit the Expo**

*Ambassador Ballroom*

**8:45 - 9 a.m.**

#### **Introductions**

Janice Sibley

Executive Vice President, American College of Cardiology

Cathleen Biga, MSN, FACC

President, American College of Cardiology

### **Arterial Disease – Diagnostic and Management Challenges in 2025**

#### **Session I: Evolving New Frontiers**

Chair: Deepak Bhatt, MD, MPH, MBA, FACC

**9 - 9:25 a.m.**

#### **Evolving Imagen-Omics and AI, But Deficiencies in Education and Outcomes: The Paradox of the Decade**

Valentin Fuster, MD, PhD, MACC

**9:25 - 9:50 a.m.**

#### **Evolving Approaches For a Full Evaluation and Management of Plaques: Anatomy, Structure and Function – CTA, OCT, IVUS, FFR/iFR**

Gregg Stone, MD, FACC

**9:50 - 10:10 a.m.**

#### **Evolving Tools Interpreting and Targeting Vasomotion Dependent Ischemia: Epicardial, Microvasculature, Takotsubo Syndromes – Acetylcholine/Adenosine**

Jennifer Tremmel, MD, FACC

**10:10 - 10:35 a.m.**

#### **Panel Discussion**

Valentin Fuster, MD, PhD, MACC; Gregg Stone, MD, FACC; Jennifer Tremmel, MD, FACC

**10:35 - 10:50 a.m.**

#### **Break**

*Visit the Expo in Ambassador Ballroom*

### **Arterial Disease – Diagnostic and Management Challenges in 2025**

#### **Session II: Acute Coronary Syndrome**

Chair: Roxana Mehran, MD, FACC

**10:50 - 11:15 a.m.**

#### **Evolving Answers to Ten Top Questions in Acute Coronary Syndromes Excluding Antithrombotic Strategies**

Deepak Bhatt, MD, MPH, MBA, FACC

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## FRIDAY, DEC. 6 (CONTINUED)

11:15 - 11:40 a.m.	<b>Evolving Strategies of Antithrombotic Therapy in Five Stages of CAD: ACS Post PCI 1, 6 and 12 Months, Chronic CAD, Post MI LV Dysfunction</b> Roxana Mehran, MD, FACC
11:40 - 12 p.m.	<b>Evolving Differences in the Management of Acute Coronary Syndromes: The European vs the American Guidelines</b> Borja Ibanez, MD, PhD
12 - 12:30 p.m.	<b>Panel Discussion</b> Deepak Bhatt, MD, MPH, MBA, FACC; Borja Ibanez, MD, PhD; Roxana Mehran, MD, FACC
12:30 - 1:30 p.m.	<b>Lunch &amp; Visit the Expo</b> <i>Ambassador Ballroom</i>
12:30 - 1:30 p.m.	<b>Lunch Symposium Sponsored by HeartFlow</b> <b>Utilizing CCTA + HeartFlow AI to Inform CAD Management</b> Allen J. Taylor, MD, FACC, FAHA; Ankitkumar Patel, MD, MPH, FACC, FSCAI, RPVI <i>Diplomat Ballroom</i>
<b>Arterial Disease – Diagnostic and Management Challenges in 2025</b> <b>Session III: Chronic Coronary Disease, Stroke and Pulmonary Embolism</b> Chair: Jeffrey Olin, DO, FACC	
1:30 - 1:55 p.m.	<b>Evolution in the Management of Stable Coronary MVD: CABG, PCI, CABG vs PCI, OMT vs CABG/PCI</b> Valentin Fuster, MD, PhD, MACC
1:55 - 2:20 p.m.	<b>Evolving Advances in Diagnosis and Management of Cerebrovascular Disease: Carotid Disease, Ischemic Stroke and Hemorrhagic Stroke</b> Joshua Willey, MD
2:20 - 2:45 p.m.	<b>Evolving Advances in Peripheral Arterial Disease: Diagnostic, Management and Preventive Strategies</b> Jeffrey Olin, DO, FACC
2:45 - 3:10 p.m.	<b>Panel Discussion</b> Valentin Fuster, MD, PhD, MACC; Jeffrey Olin, DO, FACC; Joshua Willey, MD
3:10 - 3:30 p.m.	<b>Break</b> <i>Visit the Expo in Ambassador Ballroom</i>

## FRIDAY, DEC. 6 (CONTINUED)

### Arterial Disease – Diagnostic and Management Challenges in 2025 Session IV: Trends and Challenges of Approaching Prevention – Health Factors Chair: Darren McGuire, MD, FACC

3:30 - 3:50 p.m.	<b>Cardiorespiratory Fitness – Peak O<sub>2</sub>/METs – and Survival: Physical Activity as the Best Investment in Preventive CV Medicine</b> Carl Lavie, MD, FACC
3:50 - 4:10 p.m.	<b>Environment and Pollution: A CV Challenge on Responsibly</b> Sanjay Rajagopalan, MD, MBA, FACC
4:10 - 4:30 p.m.	<b>Lipid-Modifying Agents as a Continuous Success Development: From Statins to PCSK9 Inhibitors/Inclisiran and ANGPTL3 Inhibitors</b> Robert Rosenson, MD, FACC
4:30 - 4:50 p.m.	<b>Diabetic-Modifying Agents in Evolution: From Metformin to SGLT2 Inhibitors, GLP1 Receptor Agonists and Beyond</b> Darren McGuire, MD, FACC
4:50 - 5:10 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> Franz Messerli, MD, FACC
5:10 - 5:30 p.m.	<b>Panel Discussion</b> Carl Lavie, MD, FACC; Darren McGuire, MD, FACC; Franz Messerli, MD, FACC; Sanjay Rajagopalan, MD, MBA, FACC; Robert Rosenson, MD, FACC
5:30 - 6:30 p.m.	<b>Welcome Reception</b> <i>Ambassador Ballroom</i>

## SATURDAY, DEC. 7

6:30 - 8 a.m.	<b>Breakfast &amp; Visit the Expo</b> <i>Ambassador Ballroom</i>
<b>Cardio-Pulmonary and Electrical Failure Evolving Challenges in 2025 Session V: Myocardial Disease and Heart Failure; Basis for Management</b> Chair: Biykem Bozkurt, MD, PhD, FACC	
8 - 8:20 a.m.	<b>Evolving Imaging Approaches (MRI, PET) For Seven Myocardial Diseases, and Diagnostic and Prognostic Implications: Myocarditis, DCM, HCM, NCLV, Amyloid CM, Sarcoid and Takotsubo</b> Amit Patel, MD



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## SATURDAY, DEC. 7 (CONTINUED)

8:20 - 8:40 a.m.	<b>Evolving Clinical Genetics and Omics in Seven Myocardial Diseases: Which Subgroup or When Should be Gene Tested?</b> Amy Kontorovich, MD, FACC
8:40 - 9 a.m.	<b>Evolving Pharmacology For HFrEF vs HFiEF vs HFpEF Phenotypes: Role of Beta-Blockers, ARNI, SGLT2 I &amp; MRAs in the Three Entities</b> Maria Rosa Costanzo, MD, FACC
9 - 9:20 a.m.	<b>Evolving Pharmacology For HFrEF vs HFiEF vs HFpEF Phenotypes: Role in Advanced Chronic Kidney Disease and/or Diabetes</b> Biykem Bozkurt, MD, PhD, FACC
9:20 - 9:40 a.m.	<b>Evolving Approaches to AL and ATTR Amyloidosis</b> Ronald Witteles, MD, FACC
9:40 - 10 a.m.	<b>Evolving Assist Devices and Transplantation Approaches: Use of LVADs vs Impella vs ECMO and/or Donor Developments</b> Sean Pinney, MD, FACC
10 - 10:30 a.m.	<b>Panel Discussion</b> Biykem Bozkurt, MD, PhD; Maria Rosa Costanzo, MD, FACC; Amy Kontorovich, MD, FACC; Amit Patel, MD, FACC; Sean Pinney, MD, FACC; Ronald Witteles, MD, FACC
10:30 - 10:45 a.m.	<b>Break</b> <i>Visit the Expo in Ambassador Ballroom</i>
<b>Cardio-Pulmonary and Electrical Failure Evolving Challenges in 2025</b> <b>Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus</b> Chair: David Callans, MD, FACC	
10:45 - 11:05 a.m.	<b>Atrial Fibrillation – Evolving Clinical Challenges With Quality of Life &amp; Preventing Stroke: Last Year Developments</b> Valentin Fuster, MD, PhD, MACC
11:05 - 11:20 a.m.	<b>Atrial Fibrillation – Evolving Ablation Tools and LAA Closure: Who, When, How, and Long-Term Results</b> David Callans, MD, FACC
11:20 - 11:35 a.m.	<b>Vasovagal Syncope and POTS: Cardio-Neuroablation and Evolving Therapies</b> Gaurav Upadhyay, MD, FACC

## SATURDAY, DEC. 7 (CONTINUED)

11:35- 11:50 a.m.	<b>Ventricular Tachycardia – Catheter Ablation: Who, When, How, and Long-Term Results</b> David Callans, MD, FACC
11:50 a.m. - 12:05 p.m.	<b>Follow Up of Three Device Therapeutic Approaches: CRTs, Subcutaneous ICDs, Leadless Pacemakers: Who, When, How, and Long-Term Results</b> Brett Atwater, MD
12:05 - 12:30 p.m.	<b>Panel Discussion</b> Brett Atwater, MD; David Callans, MD, FACC; Valentin Fuster, MD, PhD, MACC; Gaurav Upadhyay, MD, FACC
12:30 - 2 p.m.	<b>Lunch &amp; Visit the Expo</b> <i>Ambassador Ballroom</i>
12:45 - 1:45 p.m.	<b>Lunch Symposium Sponsored by Bristol Myers Squibb Echocardiography in Diagnosis and Management of Hypertrophic Cardiomyopathy</b> Ronald Wharton, MD <i>Diplomat Ballroom</i>
<b>Valvular Heart Disease, Aorta &amp; HCM – Challenges in 2025</b> <b>Session VII: Management of Aortic Valve Disease and Aorta</b> Chair: Rebecca Hahn, MD, FACC	
2 - 2:20 p.m.	<b>The Ten Major Advances in Structural Heart Disease in 2024</b> Samin Sharma, MBBS, FACC
2:20 - 3 p.m.	<b>Aortic Valvular Disease: The Five Diagnostic and Management Challenges</b> Presentation: Howard Herrmann, MD Discussants: David Adams, MD, FACC; Robert Bonow, MD, MACC; Ismail El-Hamamsy, MD, PhD; Rebecca Hahn, MD, FACC; Samin Sharma, MBBS, FACC; Steve Ommen, MD, FACC
3 - 3:25 p.m.	<b>The Dilated Thoracic &amp; Abdominal Aorta: The Ten Diagnostic and Management Challenges</b> Presentation: Valentin Fuster, MD, PhD, MACC Discussant: Ismail El-Hamamsy, MD, PhD
3:25 - 3:40 p.m.	<b>Break</b> <i>Visit the Expo in Ambassador Ballroom</i>

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## SATURDAY, DEC. 7 (CONTINUED)

### Valvular Heart Disease, Aorta & HCM – Challenges in 2025

#### Session VIII: Management of Mitral Regurgitation, Tricuspid Regurgitation and Hypertrophic Cardiomyopathy

Chair: David Adams, MD, FACC

3:40 - 4:10 p.m.	<b>Tricuspid Regurgitation: The Five Diagnostic and Management Challenges</b> Presenter: Rebecca Hahn, MD, FACC Discussants: David Adams, MD, FACC; Robert Bonow, MD, MACC; Ismail El-Hamamsy, MD, PhD; Howard Herrmann, MD; Samin Sharma, MBBS, FACC; Steve Ommen, MD, FACC
4:10 - 4:40 p.m.	<b>Mitral Regurgitation: The Five Diagnostic and Management Challenges</b> Presenter: Robert Bonow, MD, MACC Discussants: David Adams, MD, FACC; Ismail El-Hamamsy, MD, PhD; Rebecca Hahn, MD, FACC; Howard Herrmann, MD; Samin Sharma, MBBS, FACC; Steve Ommen, MD, FACC
4:40 - 5 p.m.	<b>Hypertrophic Cardiomyopathy: The Five Challenging Questions – Genetic/Acquired, Cardiac Myosin Inhibitors, Surgical vs Alcohol Myectomy, Sudden Death, and Apical Aneurysm</b> Steve Ommen, MD, FACC
5 p.m.	<b>Adjournment</b>

## SUNDAY, DEC. 8

6:30 - 8 a.m.	<b>Breakfast</b> <i>Ambassador Ballroom</i>
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### Ten Highlights of Progress in 2025 & Challenges of the Decade

#### Session IX: Novelties on Pharmacology, Clinical and Epidemiological CV Science

Chair: Valentin Fuster, MD, PhD, MACC

8 - 8:20 a.m.	<b>RNA and Genes: A Perspective of RNA Related Therapies and Gene Editing</b> Christine Seidman, MD
8:20 - 8:40 a.m.	<b>AI in CVD: Positives and Limitations in Diagnosis and Management</b> Rohan Khera, MD, FACC
8:40 - 9 a.m.	<b>Heart and Brain: Risk Factors Linking Earlier Subclinical Arterial Disease and Later Microvascular Degenerative Brain Disease and Alzheimer</b> Marta Cortes-Canteli, PhD
9 - 9:20 a.m.	<b>Cardio-Oncology: Immune Checkpoint Therapies – A Challenge in Both Fields</b> Bonnie Ky, MD, FACC

## SUNDAY, DEC. 8 (CONTINUED)

9:20 - 9:40 a.m.	<b>Infective Endocarditis: New Challenges in the Diagnosis and Management</b> Daniel Christopher DeSimone, MD
9:40 - 9:50 a.m.	<b>Break</b>
9:50 - 10:10 a.m.	<b>Pulmonary Emboli: Evolving Advances in Management</b> Gregory Piazza, MD, MS, FACC
10:10 - 10:30 a.m.	<b>Mitral Valve Prolapse and VT: An Alarm System for Diagnosis and Management</b> Marc Miller, MD; David Adams, MD, FACC
10:30 - 10:50 a.m.	<b>Myocardial Infarction and Mechanical Complications: Evolving Approaches</b> Pedro Moreno, MD, FACC
10:50 - 11:10 a.m.	<b>Is Targeting Obesity a Future of Cardiovascular Medicine?</b> Mikhail Kosiborod, MD, FACC
11:10 - 11:40 a.m.	<b>Primordial Prevention: A CV Challenge on Health Education</b> Valentin Fuster, MD, PhD, MACC
11:40 a.m.	<b>Adjournment</b>

\*Agenda as of Nov. 22, 2024. Subject to change.