Controversies and Advances in the Treatment of Cardiovascular Disease
The Twentieth in the Series
December 2-3, 2021 • The Maybourne Beverly Hills

Thursday, December 2, 2021

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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 7:55 AM</td>
<td>Registration, Continental Breakfast, and Visit Exhibits</td>
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<tr>
<td>7:55 – 8:00 AM</td>
<td><strong>Welcome Address</strong></td>
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<tr>
<td></td>
<td>Raj Makkar, MD, FACC</td>
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<td>John G. Harold, MD, MACC</td>
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<td>8:00 – 8:10 AM</td>
<td><strong>California ACC Welcome Address</strong></td>
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<td>Jamal S. Rana, MD, PhD, FACC</td>
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<td>8:10 – 8:40 AM</td>
<td><strong>The Ronald G. Victor, MD - Memorial Lecture</strong></td>
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<td>Cardiology’s Biggest Controversy: The Lumen or The Wall?</td>
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<td>James Forrester, MD, FACC</td>
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<td>8:40 – 9:25 AM</td>
<td><strong>Distinguished Lecture</strong></td>
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<td></td>
<td>An Illustrated History of Modern Cardiology and Cardiac Surgery</td>
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<td>W. Bruce Fye, MD, MA, MACC</td>
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**Session I:** Atherosclerosis and Dyslipidemia

*Chair:* P.K. Shah, MD, MACC

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<th>Time</th>
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<tr>
<td>9:25 – 9:45 AM</td>
<td>What Triggers Inflammation in Atherosclerosis?</td>
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<td>P. K. Shah, MD, MACC</td>
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<td>9:45 – 10:05 AM</td>
<td>Repurposing Colchicine for Atherosclerosis</td>
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<td>Jean-Claude Tardif, MD, FACC</td>
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<td>10:05 – 10:25 AM</td>
<td>Fish Oil: Who Should Get It?</td>
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<td>Peter Toth, MD, PhD, FACC</td>
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<td>10:25 – 10:45 AM</td>
<td>What Diet is Best for Cardiovascular Health?</td>
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<td>Kim Allan Williams, MD, MACC</td>
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<td>10:45 – 11:00 AM</td>
<td>Break &amp; Visit Exhibits</td>
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11:00 – 11:20 AM  **Keynote Lecture**  
Upstream Treatment of Aortic Stenosis  
*Martin Leon, MD, FACC*

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**Session II: Digital Medicine**  
*Chairs:*  
*John G. Harold, MD, MACC, Raj Khandwalla, MD, MA, FACC*

11:20 – 11:35 AM  **HRS Guidelines Regarding Digital Health, Telehealth, and Arrhythmia**  
*Christine M. Albert, MD, MPH, FACC*

11:35 – 11:50 AM  **The Future of Digital Innovation**  
*John Rumsfeld, MD, FACC*

11:50 AM – 12:05 PM  **Personalized and Computations Cardiology**  
*Harlan M. Krumholz, MD, SM, FACC*

12:05 – 12:20 PM  **Integration of AI Into Clinical Practice**  
*Rahul Sharma, MBBS, FRACP*

12:20 – 12:35 PM  **Ambient Sensing and Wearables**  
*David Ouyang, MD, FACC*

12:35 – 1:30 PM  **Lunch | Terrace, 3rd Floor**

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**Session III: Controversies in the Treatment of CAD: Expert Views**  
*Chair:*  
*Suhail Dohad, MD, FACC, Michael Mack, MD, FACC, Raj Makkar, MD, FACC*

1:30 – 1:55 PM  **Targeting Plaques, Treating Patients or Tweaking the Population**  
*Jagat Narula, MD, PhD, MACC*

1:55 – 2:10 PM  **Coronary Physiology Is More Important Than Anatomy to Improve Outcomes**  
*William Fearon, MD, FACC*

2:10 – 2:25 PM  **Evaluating Coronary Anatomy Is the Best Way to Improve Outcomes**  
*David Newby, MD, PhD, FACC*

2:25 – 2:40 PM  **Treating Stenosis or Ischemia Does Not Improve Outcomes – Medical Therapy Is King**  
*William Boden, MD, FACC, FAHA, FASPC*

2:40 – 2:55 PM  **Optimal Management of Left Main Disease in 2021**  
*Gregg Stone, MD, FACC*
2:55 – 3:15 PM  A Surgeon’s Perspective: Are We Underusing CABG?  
Joanna Chikwe, MD, FACC

3:15 – 3:30 PM  Break & Visit Exhibits

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**Session IV:** Structural Heart Disease  
Chair: Raj Makkar, MD, FACC  
Moderator: Gregory P. Fontana, MD, FACC

3:30 – 3:45 PM  The Heart Valve Collaboratory  
Michael Mack, MD, MACC

3:45 – 4:00 PM  Durability of Transcatheter Heart Valves – Has the Dust Settled?  
Michael Reardon, MD, FACC

4:00 – 4:15 PM  Tricuspid Regurgitation: How Important Is It, How to Quantify and Role of Surgery  
Jeroen Bax, MD, PhD

4:15 – 4:30 PM  What’s New in Transcatheter Mitral and Tricuspid Valve Replacement?  
Raj Makkar, MD, FACC

4:30 – 4:45 PM  Why Is Transcatheter Edge-to-Edge Repair Underutilized in Heart Failure Management? A Discussion  
Opening Presentation: Jubin Joseph, MD, PhD  
Discussants: Tarun Chakravarty, MD, FACC, Michele Hamilton, MD, Michael Mack, MD, MACC, Jignesh Patel, MD, PhD, FACC, Michael Reardon, MD, FACC, Gregg Stone, MD, FACC

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**Session V:** Update in Cardiac Imaging  
Chairs: Daniel Berman, MD, FACC, and Alan Kwan, MD

4:45 – 5:00 PM  Echocardiography in the Diagnosis and Management of Mitral Regurgitation  
Robert Siegel, MD, FACC

5:00 – 5:15 PM  CMR: Pivotal Role in Cardiomyopathy  
Michael Salerno, MD, PhD, FACC
5:15 – 5:30 PM  Pivotal Role of CT in Structural Heart Disease
                Jonathan Leipsic, MD

5:30 – 6:00 PM  Debate: Impact of AI (The Machine) on Cardiac Imaging
                • The Machine Wins
                    Piotr Slomka, PhD, FACC
                • Can’t Drive the Machine Without the Doctor
                    David Ouyang, MD, FACC

6:00 PM        Adjourn
Friday, December 3, 2021

7:00 – 7:55 AM  Registration, Continental Breakfast, and Visit Exhibits

7:55 – 8:00 AM  Welcome Address  
*Raj Makkar, MD, FACC*

**Session VI: Clinical Electrophysiology**
*Chairs:* Christine M. Albert, MD, MPH, FACC, Sumeet Chugh, MD, FACC, Eli Gang, MD, FACC, Jeffrey Goodman, MD, FACC

8:00 – 8:25 AM  Device-Detected Atrial Fibrillation: NOAC or Not? (5 min Q&A)  
*Roopinder Sandhu, MD MPH*

8:25 – 8:50 AM  Clinical Pearls for P.O.T.S. (Postural Orthostatic Tachycardia Syndrome) (5 min Q&A)  
*Peng-Sheng Chen, MD, FACC*

8:50 – 9:30 AM  **Debate: The Future of Primary Prevention ICDs**  
*Will Only Benefit Patients with EF <35%* (10 min)  
*Eric C. Stecker, MD, MPH, FACC*

*Will Have the Most Impact in Patients with EF >35%* (10 min)  
*Sumeet Chugh, MD, FACC*

*Rebuttal and Discussion* (20 min)

9:30 – 10:00 AM  Break & Visit Exhibits

**Session VII: Hypertension**
*Chair:* Florian Rader, MD, MSc, FACC

10:00 – 10:14 AM  **Debate: Aldosterone Blockade vs. Thiazide Diuretics: Which is the Superior Antihypertensive?**  
*Aldo Blockers and New Trials*  
*Florian Rader, MD, MSc, FACC*

*Thiazides, But They Are Not All Created Equal!*  
*Natalie Bello, MD, MPH, FACC*
10:14 – 10:28 AM  **Debate: Race and HTN: True Biologic Difference or Just a Surrogate Marker?**
- **Main Discussion**
  Joseph Ebinger, MD, MS, FACC
- **What Did We Learn from the Barbershop Trials?**
  C. Adair Blyler, PharmD, CHC

- **Home and Ambulatory BP Monitoring Are Essential Tools**
  Michael Weber, MD, FACC
- **Ambulatory BP Monitoring is an Antiquated and Impractical Tool**
  Raj Khandwalla, MD, MA, FACC

10:42 – 11:00 AM  **Panel Discussion:**
Natalie Bello, MD, MPH, FACC, C. Adair Blyler, PharmD, CHC, Joseph Ebinger, MD, MS, FACC, Raj Khandwalla, MD, FACC, Florian Rader, MD, MSc, FACC, Michael Weber, MD, FACC

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**Session VIII:**  **Update on Practice-Changing CV Trials of 2021**
*Chair: Sanjay Kaul, MD, MPH, FACC*
*Discussants: George Bakris, MD, MA, Raj Makkar, MD, FACC, Steven E. Nissen, MD, MACC, Milton Packer, MD, FACC, Peter Toth, MD, PhD, FACC*

11:00 – 11:15 AM  **N-3 PUFA: Do They Improve CV Outcomes? Reconciling Discordant Cardiorenal Metabolic Outcome Trials**

11:15 – 11:30 AM  **SGLT2 Inhibitors: Are They the Modern-Day Statins? Insights from Recent Cardiorenal Metabolic Outcome Trials**

11:30 – 11:45 AM  **TAVI for Low-Risk Severe Aortic Stenosis: Do We Have Sufficient Data to Inform the Guidelines?**

11:45 AM – 12:00 PM  **Role of Finerenone, a Novel Nonsteroidal Mineralocorticoid Receptor Antagonist, in Mitigating Cardiorenal Risk in T2 Diabetes**
12:00 – 1:00 PM

**Lunch | Terrace, 3rd Floor**
*The lunch panel is not included in CME hours*

*Moderators:* Gregory P. Fontana, MD, FACC, Frank Litvack, MD, FACC
*Discussants:* John G. Harold, MD, MACC
Dipti Itchhaporia, MD, FACC
Ronald P. Karlsberg, MD, FACC
Harlan M. Krumholz, MD, SM, FACC
James Laur, JD
John Mandrola, MD, FACC
Jeffrey Popma, MD
Michael Reardon, MD, FACC
Larry Wood

1:00 -1:20 PM

**Keynote Lecture**
How Should We Define and Achieve Equity in Health Care?
*Harlan M. Krumholz, MD, SM, FACC*

1:20 – 1:40 PM

**Keynote Lecture**
Cardiac Care in Women: Emerging Risk Factors
*Dipti Itchhaporia, MD, FACC*

1:40 – 2:00 PM

**Keynote Lecture**
Heart Disease in Pregnancy
*Athena Poppas, MD, MACC*

2:00 – 2:20 PM

**Keynote Lecture**
New RNA Drugs for HfPEF
*Eduardo Marbán, MD, PhD, FACC*

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**Session IX: Controversies in Advanced Heart Failure**
*Chair:* Jon Kobashigawa, MD, FACC
*Moderator:* Dominic Emerson, MD, FACC

2:20 – 2:35 PM

**Sodium-Glucose Co-Transporter 2 (SGLT2) and Heart Failure**
*Michelle Kittleson, MD, PhD, FACC*

2:35 – 2:50 PM

**Cardiac iBox to Predict Outcomes in Heart Transplant Patients**
*Jignesh Patel, MD, PhD, FACC*

2:50 – 3:05 PM

**Donation after Cardiac Death (DCD): A New Paradigm for Organ Donation in Heart Transplantation**
*Pedro Catarino, MD, FRCS*
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| 3:05 – 3:25 PM | Debate: Role of Digoxin in Heart Failure and Atrial Fibrillation  
|             | • Michelle Kittleson, MD, PhD, FACC  
|             | • John Mandrola, MD, FACC  |
| 3:25 – 3:35 PM | Panel Discussion  
|             | Pedro Catarino, MD, FRCS, Dominic Emerson, MD,  
|             | Michelle Kittleson, MD, PhD, FACC, Jon Kobashigawa, MD, FACC,  
|             | Jignesh Patel, MD, PhD, FACC  |
| 3:35 – 3:50 PM | Break & Visit Exhibits |

**Session X:**  
Investigating Patients with Suspected Stable Angina: Beyond ISCHEMIA  
Chair: C. Noel Bairey Merz, MD, FACC

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| 3:50 – 4:00 PM | Welcome, Overview of Session Goals  
|             | C. Noel Bairey Merz, MD, FACC  |
| 4:00 – 4:10 PM | Introductions of the Invited ISCHEMIA Trial Speakers  
|             | David Maron, MD, FACC  
|             | Gregg Stone, MD, FACC  |
| 4:10 – 4:55 PM | Summit Panel Discussion of Panel Questions  
|             | Peter Block, MD, FACC  
|             | William Boden, MD, FACC, FAHA, FASPC  |
| 4:55 – 5:00 PM | Closing Remarks  
|             | C. Noel Bairey Merz, MD, FACC  |
| 5:00 PM     | Adjourn  |