

Controversies and Advances in the  
Treatment of Cardiovascular Disease  
The Seventeenth in the Series

November 16 & 17, 2017 ♦ Montage Beverly Hills

**Thursday, November 16, 2017**

- 7:00 – 7:30 AM      **Registration, Continental Breakfast, and Visit Exhibits**
- 7:30 – 7:45 AM      **Welcome Address**  
**Dr. John G. Harold Welcoming Dr. C. Michael Valentine**  
**President Elect of the American College of Cardiology**  
**The Quadruple Aim: How Can the ACC Improve the Lives of Its Members?**  
*Raj Makkar, MD, FACC*  
*John G. Harold, MD, MACC*  
*C. Michael Valentine, MD, FACC*
- 7:45 – 7:50 AM      **CA ACC Welcome Address**  
*Garwood Gee, MD, FACC*
- 7:50 – 8:15 AM      **Keynote Lecture**  
**How We Can Dislodge CAD as the Nation's #1 Killer**  
*James Forrester, MD, FACC*
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**Session I:      **Atherosclerosis and Dyslipidemia****

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

- 8:15 – 8:35 AM      **ANGPTL3: A Novel Lipid Modifying Target**  
*P.K. Shah, MD, MACC*
- 8:35 – 8:55 AM      **Elevated LPa: How Important is it and What Can We do About it Now and in the Future?**  
*Joseph Witztum, MD*
- 8:55 – 9:15 AM      **PCSK-9 Inhibitors: Are They Worth the Money?**  
*Michael Blaha, MD, MPH*
- 9:15 – 9:35 AM      **Targeting Inflammation in Atherosclerosis: Has CANTOS Nailed It?**  
*Sanjay Kaul, MD, MPH, FACC*

9:35 – 9:55 AM      **Roundtable Discussion**

**9:55 – 10:15 AM      Break & Visit Exhibits**

**Session II:      California Chapter ACC Satellite Symposium:  
Innovation and Technology**

*Chairs: John G. Harold, MD, MACC, Norman E. Lepor, MD, FACC*

10:15 – 10:30 AM      **Introduction & Advances in Digital Medicine**  
*Raj Khandwalla, MD, MA, FACC*

10:30 – 10:45 AM      **ACC Innovation: A World Where Innovation and  
Knowledge Optimize Cardiovascular Care**  
*John G. Harold, MD, MACC*

10:45 – 11:00 AM      **Virtually Better: How Virtual Reality is Easing Pain, Calming  
Nerves, and Lowering Blood Pressure**  
*Brennan Spiegel, MD, MSHS*

11:00 – 11:15 AM      **Everyone's a Critic**  
*Bill Tancer*

11:15 – 11:35 AM      **Keynote Lecture**  
**The APP-lication of Innovation and Technology to Every Day  
Clinical Practice – A Personal Journey**  
*Vinayak Bapat, FRCS, CTb*

**11:35 AM – 12:45 PM**

**Lunch** (Lunch activities are not included in CME hours.)

**Panel**

**Implication for Device and Drug Approval – 21<sup>st</sup> Century CURES Act Medical  
Device Tax**

*Moderator: Frank Litvack, MD, FACC*

*Panel: Gregory P. Fontana, MD, FACC, Rhonda Robb, Larry Wood*

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## **Session III:      STEMI, NSTEMI, Cardiac Arrest**

*Chair: Timothy D. Henry, MD, FACC*

- 12:45 – 1:05 PM      **Roundtable Discussion**  
**ORBITA Trial Results**  
Chair :            *Sanjay Kaul, MD, MPH, FACC, Raj Makkar, MD, FACC*  
Con:              *Gregg Stone, MD, FACC*  
Pro:               *David L. Brown, MD, FACC*
- 1:05 – 1:20 PM      **Case Presentations**  
Interventional Cardiology Fellows:  
*Sam Dawkins, MD, PhD*  
*Richard Cheng, MD, FACC*
- 1:20 – 1:35 PM      **New Horizons in Cardiogenic Shock**  
*Timothy D. Henry, MD, FACC*
- 1:35 – 1:55 PM      **Debate**  
**STEMI: False Positive Cath Lab Activation – Do We Need EKG Transmission?**  
*Timothy D. Henry, MD, FACC*  
*Ivan Rokos, MD, FACC*
- 1:55 – 2:15 PM      **Roundtable Discussion**  
*William French, MD, FACC, Timothy D. Henry, MD, FACC,*  
*Ivan Rokos, MD, FACC, Gregg Stone, MD, FACC*
- 2:15 – 2:30 PM      Break & Visit Exhibits**
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## **Session IV:      Contemporary Controversies in Drugs and Devices**

*Chair: Sanjay Kaul, MD, MPH, FACC*

- 2:30 – 3:00 PM      **Roundtable Discussion**  
**Are the FDA Regulatory Standards for Approval of Medical Devices Lax? – Insights from Recent Examples**
- **Bioresorbable Stents**
  - **Cerebral Protection System**
  - **PFO Closure**
- Gregory P. Fontana, MD, FACC, Saibal Kar, MD, FACC,*  
*Sanjay Kaul, MD, MPH, FACC, Frank Litvack, MD, FACC,*  
*Raj Makkar, MD, FACC*

- 3:00 – 3:15 PM **Roundtable Discussion**  
**Newer Generation Troponins – When to Order and How to Interpret?**  
*John Brush, MD, FACC, Timothy D. Henry, MD, FACC,  
Sanjay Kaul, MD, MPH, FACC, Sam Torbati, MD*
- 3:15 – 3:30 PM **COMPASS Trial: Role of Rivaroxaban Plus Aspirin for Secondary Cardiovascular Protection: Will it Change Practice?**  
*C. Michael Gibson, MS, MD, FACC*
- 3:30 – 3:50 PM **Debate**  
**Does IMPROVE-IT and FOURIER Confirm or Refute the LDL Hypothesis?**  
*Sanjay Kaul, MD, MPH, FACC*

## **Session V:**

### **Controversies in Advanced Heart Failure**

Chair: *Jon A. Kobashigawa, MD, FACC, Alfredo Trento, MD, FACC*

- 3:50 – 4:10 PM **Heart Failure Biomarkers, is it Better to Measure Muscle Health or Volume Overload?**  
*Robin Shaw, MD, PhD, FACC*
- 4:10 – 4:20 PM **Diastolic Dysfunction: Progress in the Treatment of Cardiac Amyloid**  
*Jignesh Patel, MD, PhD, FACC*
- 4:20 – 4:40 PM **Debate**  
**Medical vs. Surgical Treatment for Restrictive Cardiomyopathy**  
**Medical:** *Dael Geft, MD*  
**Surgical:** *Danny Ramzy, MD, PhD, FACC*
- 4:40 – 5:00 PM **Roundtable Discussion**  
*Dael Geft, MD, Jon A. Kobashigawa, MD, FACC,  
Jignesh Patel, MD, PhD, FACC, Danny Ramzy, MD, PhD, FACC,  
Robin M. Shaw, MD, PhD, FACC, Alfredo Trento, MD, FACC*

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## **Session VI:**

### **Hypertension**

Chair: *Ronald G. Victor, MD, FACC*

Moderator: *Florian Rader, MD, MSc, FACC*

- 5:00 – 5:20 PM **Rise, Fall, and Resurrection of Renal Denervation**  
*Michael A. Weber, MD, FACC*
- 5:20 – 5:30 PM **Discussion**

5:30 – 5:50 PM

**Hypertension: The Not-So-Silent Killer**

*Ronald G. Victor, MD, FACC*

5:50 – 6:00 PM

**Discussion**

**6:00 PM**

**Special Guest Entertainment: Dana Carvey**

(This activity is not included in CME hours.)

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**Friday, November 17, 2017**

7:00 – 7:25 AM      **Registration, Continental Breakfast, and Visit Exhibits**

7:25 – 7:30 AM      **Welcome Address**

Program Directors:

*Raj Makkar, MD, FACC, John G. Harold, MD, MACC*

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**Session VII:**

**Clinical Electrophysiology**

*Chairs: Sumeet S. Chugh, MD, FACC, David S. Cannom, MD, FACC,  
Eli S. Gang, MD, FACC, Jeffrey S. Goodman, MD, FACC,  
Charles Swerdlow, MD, FACC, Xunzhang Wang, MD, FACC*

7:30 – 7:50 AM      **Sudden Death in Athletes: Is Screening Justified?**

*Jacob Tfelt-Hansen, MD, DMSc*

7:50 – 8:10 AM      **Left Cardiac Sympathetic Denervation: Special Tool for Sudden Death  
Prevention**

*Peter J. Schwartz, MD, FACC*

8:10 – 8:30 AM      **Catheter Ablation for Atrial Fibrillation: Patient Selection and  
Outcomes Today**

*Francis Marchlinski, MD, FACC*

8:30 – 8:50 AM      **His Bundle Pacing: Where is it Going?**

*Kenneth Ellenbogen, MD, FACC*

8:50 – 9:10 AM      **ICDs for Non-Ischemic Cardiomyopathy: All in the Past?**

*Win Shen, MD, FACC*

9:10 – 9:30 AM

**Keynote Lecture**

**The Cedars-Sinai Heart Institute: A Ten-Year Progress Report**

*Eduardo Marbán, MD, PhD, FACC*

**9:30 – 9:50 AM      Break & Visit Exhibits**

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## **Session VIII:**

### **Sex Differences in CVD – Drug and Device Approval and Use**

*Chair: C. Noel Bairey Merz, MD, FACC*

- 9:50 – 10:00 AM      **Introduction and Overview**  
*C. Noel Bairey Merz, MD, FACC*
- 10:00 – 10:10 AM      **Example of Sex Differences of Clinical Importance - CRT**  
*Viviany Taqueti, MD, MPH, FACC*
- 10:10 – 10:20 AM      **Considerations of Sex Differences in FDA Device Approval**  
*Terri L. Cornelison, MD, PhD*
- 10:20 – 10:30 AM      **Overview of FDA Review, Approval, Post-Approval Monitoring and the FDA Snapshots Website**  
*Marjorie Jenkins, MD, MEdHP, FACP*
- 10:30 – 11:00 AM      **Panel Discussion and Q&A**
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- 11:00 – 11:15 AM      **Keynote Lecture**  
**NBPAS: An Alternative to MOC**  
*Paul S. Teirstein, MD, FACC*

**11:15 AM – 12:30 PM      Lunch**

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## **Session IX:**

### **Controversies in Structural Heart Disease**

*Chairs: Raj Makkar, MD, FACC, Saibal Kar, MD, FACC*

- 12:30 – 12:50 PM      **Debate**  
**PFO Closure – Close Them All?**  
**For:**                      *Saibal Kar, MD, FACC*  
**Against:**                *Ted Feldman, MD, FACC*
- 12:50 – 1:10 PM      **Keynote Lecture**  
**Is it Time for a National Network of Valve Centers?**  
*Michael Mack, MD, FACC*
- 1:10 – 1:20 PM      **What Degree of MR Deserves Surgical or Transcatheter Intervention, and How Should It be Assessed?**  
*Robert Siegel, MD, FACC*

1:20 – 1:50 PM      **Rapid Cross Fire**  
**Functional Mitral Regurgitation – Treat the Valve or the Ventricle?**  
*Panel:* Ted Feldman, MD, FACC, Gregory P. Fontana, MD, FACC,  
Saibal Kar, MD, FACC, Michael Mack, MD, FACC,  
Gregg Stone, MD, FACC

1:50 – 2:20 PM      **Rapid Cross Fire**  
**Management of Asymptomatic Aortic Stenosis and Mitral Regurgitation – Who to Treat and How?**  
*Panel:* Ted Feldman, MD, FACC, Michael Mack, MD, FACC,  
Matthew J. Price, MD, FACC, Paul S. Teirstein, MD, FACC

**2:20 – 2:40 PM      Break**

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**Session X:**

**Update in Cardiac Imaging**

*Chair:* Daniel S. Berman, MD, FACC

2:40 – 3:10 PM      **Roundtable Discussion**  
**Coronary CTA vs. Calcium Testing vs. High Sensitivity Troponins in Acute Chest Pain?**  
*Matthew Budoff, MD, FACC, Gilbert Raff, MD, FACC*

3:10 – 3:30 PM      **Debate**  
**HFPEF – Echo with Strain vs. T1 MRI Mapping**  
*Erik Schelbert, MD, MS, FACC*  
*Siddharth Singh, MD, MS*

3:30 – 3:50 PM      **Debate**  
**FFR is Not the Gold Standard for Revascularization Decision-Making**  
*Paul S. Teirstein, MD, FACC*  
**FFR is the Gold Standard for Revascularization Decision-Making**  
*Matthew J. Price, MD, FACC*

3:50 – 4:010 PM      **Update in Nuclear Imaging of Infiltrative Cardiomyopathy: Sarcoidosis and Amyloidosis**  
*Balaji Tamarappoo, MD, PhD*

4:10 – 4:30 PM      **Debate**  
**Stress SPECT/PET vs. Stress Echo in Patients with Suspected or Known CAD**  
*Sean Hayes, MD*  
*Charles Pollock, MBChB, FACC*

4:30 – 4:50 PM      **Debate**  
**Uncertain Results on Coronary CTA: Further Assessment with FFR CT or Ischemia Testing?**  
*Leslee Shaw, PhD, FACC*  
*Jonathon A. Leipsic, MD*

**4:50 PM      Final Adjournment**