



CEDARS-SINAI®  
HEART INSTITUTE

## Advances in Nuclear Cardiology, Cardiac CT and Cardiac MRI: *33rd Annual Case Review with the Experts*

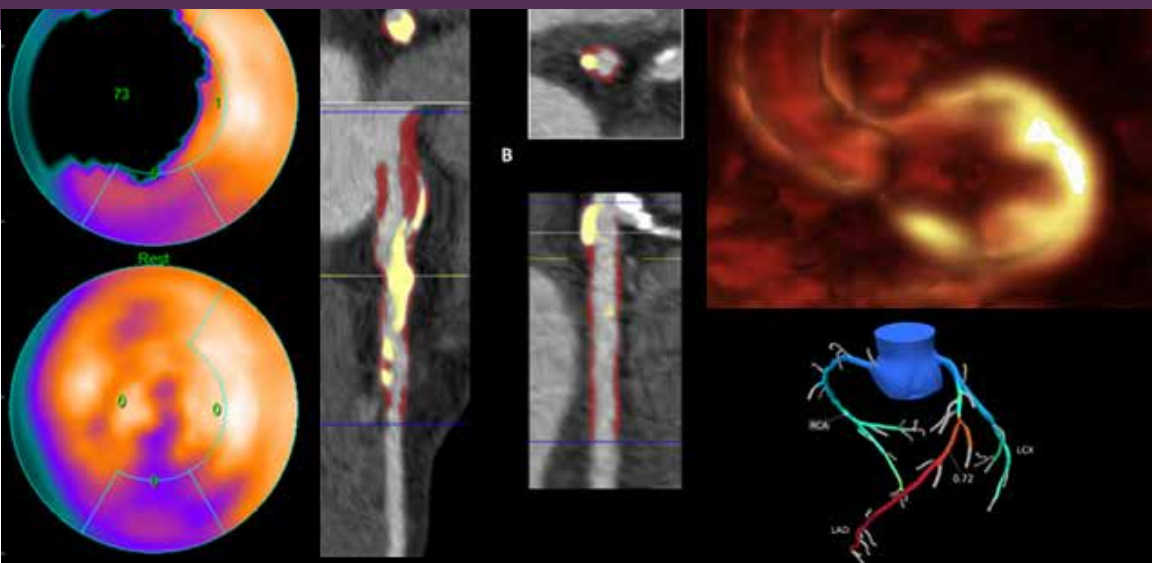
FRIDAY, JANUARY 19, 2018 – SUNDAY, JANUARY 21, 2018

### COURSE DIRECTORS

Daniel S. Berman, MD, FACC, FSCCT  
Guido Germano, PhD, MBA, FACC  
James K. Min, MD, FSCCT  
Alan Rozanski, MD

### CONFERENCE LOCATION

Cedars-Sinai Medical Center  
Harvey Morse Conference Center  
8701 Gracie Allen Dr.  
Los Angeles, California 90048



*“Case Review with the Experts”* offers attendees practical experience in case interpretation, reporting and medical decision-making from leading clinicians and scientists in cardiac imaging.

For the latest course information and to register, visit [cedars-sinai.edu/nuclearcardiologycme](http://cedars-sinai.edu/nuclearcardiologycme)

Offered in cooperation with the American Society of Nuclear Cardiology,  
the California Chapter of the American College of Cardiology, the International Academy of Cardiology  
and the Society of Cardiovascular Computed Tomography



California  
CHAPTER



INTERNATIONAL  
ACADEMY OF  
CARDIOLOGY



SOCIETY OF  
CARDIOVASCULAR  
COMPUTED TOMOGRAPHY

# ACTIVITY INFORMATION

## COURSE DESCRIPTION AND STATEMENT OF NEED

The landscape of cardiac imaging is changing. A major national healthcare imperative for noninvasive imaging is that the tests that are used provide value. Nuclear cardiology, cardiac CT and cardiac MRI studies provide powerful tools for diagnosis, risk assessment, and guiding management of selected patients with known or suspected cardiac disease. In the current environment, imaging must address the combined considerations of improving outcomes and containing costs. To this end, advanced cardiac imaging studies must be ordered on the right patients and optimally performed, interpreted, reported, and acted upon by physicians and allied health professionals. Additionally, effective methods to reduce radiation exposure need to be implemented to maximize patient safety. There is a clear need of physicians performing, interpreting and those who order the tests to understand the issues regarding value-based imaging and to optimally implement this understanding.

We meet these educational needs through a live three-day symposium entitled: Advances in Nuclear Cardiology, Cardiac CT and Cardiac MRI: 33rd Annual Case Review with the Experts. The course is designed to meet the current needs of professionals who perform or request nuclear cardiology, cardiac CT or cardiac MRI studies. The course covers the use of these modalities across the spectrum of patients routinely seen by cardiologists in typical day-to-day practice. The faculty is uniquely comprised of 25 of the most widely recognized speakers in nuclear cardiology, cardiac CT, and cardiac MRI in the world.

## TARGET AUDIENCE

This educational activity is intended for cardiologists, radiologists, nuclear medical specialists, cardiac imaging technologists and nurse practitioners in the field.

## ACCREDITATION STATEMENT

Cedars-Sinai Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## CREDIT DESIGNATION STATEMENT

Cedars-Sinai Medical Center designates this live activity for a maximum of 26 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## CE CREDIT FOR TECHNOLOGISTS

The American Society of Nuclear Cardiology is a recognized provider of continuing education credit for technologists. ASNC's Continuing Education (CE) credit is accepted by the NMTCB and ARRT. Approved by the American Society of Nuclear Cardiology for a maximum of 22 ARRT Category A credits for technologists.

## MENTORED CT CASE REVIEW DOCUMENTATION

In addition to obtaining CME credits, physician attendees will be offered documentation reflecting their participation in mentored cases completed during the workshops. This documentation can be given to the appropriate credentialing organization to indicate credit for case completion.

## NURSES

The California State Board of Registered Nursing accepts courses approved by the ACCME for Category 1 credit as meeting the continuing education requirements for license renewal.

## POLICY ON DISCLOSURE

It is the policy of Cedars-Sinai Medical Center to ensure balance, independence, objectivity and scientific rigor in all its educational activities. Cedars-Sinai Medical Center assesses conflicts of interest with its faculty, planners and managers of CME activities. Conflicts of interest that are identified are resolved by reviewing that presenter's content for fair balance and absence of bias, scientific objectivity of studies utilized in this activity, and patient care recommendations.

While Cedars-Sinai Medical Center endeavors to review faculty content, it remains the obligation of each physician or other healthcare practitioner to determine the applicability or relevance of the information provided from this course in his or her own practice.

## ACKNOWLEDGMENT OF COMMERCIAL SUPPORT

Commercial support for this conference is pending and will be acknowledged at the conference.

## HOTEL ACCOMMODATIONS

Sofitel Los Angeles at Beverly Hills  
8555 Beverly Blvd.  
Los Angeles, CA 90048  
800-521-7772

CSMC has arranged for a block of rooms at the Sofitel Los Angeles at Beverly Hills. Please note at this time that the hotel only has a limited number of Superior King rooms at a special conference rate of \$279 per night, plus tax. Rooms at our special rate are available until January 12, 2018.

Reservations will be accepted on a space- and rate-availability basis, and the special group rate is not guaranteed. To make reservations for the Sofitel Los Angeles, call 800-521-7772 as soon as possible.

There are instances where the room block sells out prior to the cut-off date. Reservations are taken on a first-come, first-served basis. Be sure to state that you are attending the Cedars-Sinai Clinical Nuclear Cardiology Conference in order to receive the special group rate.

# AGENDA

## FRIDAY, JANUARY 19, 2018

7:15 A.M.	Registration, Breakfast & Exhibits	
7:45	Welcome, Introduction, and Course Objectives	<i>Daniel S. Berman, MD</i>
<b>SPECT AND PET MYOCARDIAL PERFUSION IMAGING (MPI)</b>		<i>Daniel S. Berman, MD, presiding</i>
SESSION #1: ADVANCES IN NUCLEAR CARDIOLOGY (I)		
8:00	Quantitative Analysis of Myocardial Perfusion and Function using SPECT and PET	<i>Guido Germano, PhD, MBA</i>
8:20	The Nuclear Cardiology Consultation: Pearls and Impact on Outcomes	<i>Daniel S. Berman, MD</i>
8:45	Integrating Visual and Quantitative Analyses: Improving Your Scan Interpretation – Case Illustrations	<i>Sean W. Hayes, MD</i>
9:30	Laboratory Accreditation in Nuclear Cardiology: New Technical and Regulatory Requirements	<i>Guido Germano, PhD, MBA</i>
9:50	Panel Discussion	<b>Faculty:</b> Drs. Germano and Hayes <b>Moderator:</b> Daniel S. Berman, MD
10:05	Break/Exhibits/Break-out Session #1	<i>Sean Hayes, MD</i>
SESSION #2: EVOLVING CONCEPTS IN RISK MANAGEMENT		
10:20	The Changing Nature of CAD in the 21st Century: How Is It Affecting Cardiac Imaging Paradigms?	<i>Alan Rozanski, MD</i>
10:50	The Exercise Component of Stress MPI: Tips and Tricks to Learn More	<i>Gregory Thomas, MD</i>
11:10	Pharmacologic Stress: Combined with Exercise or Alone: What You Need to Know	<i>Sean W. Hayes, MD</i>
11:40	The Normal Stress-MPI Scan: How Can It Change Management?	<i>Alan Rozanski, MD</i>
12:00 P.M.	Adding CAC Scanning to Stress Testing	<i>Alan Rozanski, MD</i>
12:20	Panel Discussion	<b>Faculty:</b> Drs. Rozanski, Thomas, and Hayes <b>Moderator:</b> Daniel S. Berman, MD
12:35	Lunch and Exhibits	
1:05	Break-out Session #2	<i>Alan Rozanski, MD</i>
SESSION #3: ADVANCES IN NUCLEAR CARDIOLOGY (II)		
1:20	New SPECT Cameras and Approaches to Reconstruction Protocols for Myocardial Perfusion SPECT	<i>Piotr Slomka, PhD</i>
1:40	F-18 Flurpiridaz: The Ideal MPI Radiopharmaceutical	<i>Jamshid Maddahi, MD</i>
2:10	Latest Software Developments in SPECT and PET: Comparison of the Various Software Packages	<i>Piotr Slomka, PhD</i>
2:30	Artifacts on SPECT and PET MPI: How to Recognize and Deal with Them	<i>Sean W. Hayes, MD</i>
3:10	Panel Discussion	<b>Faculty:</b> Drs. Slomka, Maddahi, Hayes <b>Moderator:</b> Daniel S. Berman, MD
3:25	Break/Exhibits/Break-out Session #3	<i>Jamshid Maddahi, MD</i>
3:40	Ischemia with No Obstructive CAD (INOCA): Fact or Fiction	<i>C. Noel Bairey-Merz, MD</i>
4:10	Cardio-oncology: Broadening Clinical Application of Multimodality Imaging	<i>Balaji Tamarappoo, MD</i>
4:30	READ WITH THE EXPERTS: SPECT and PET: Challenging Unknown Cases from Clinical Practice <b>Panelists:</b> Drs. Berman and Hayes, vs. Drs. Maddahi and Di Carli <b>Presenter:</b> John D. Friedman, MD	
5:30	Panel Discussion	<b>Faculty:</b> Drs. Hayes, Maddahi, DiCarli, Friedman, Slomka and Tamarappoo <b>Moderator:</b> Daniel S. Berman, MD
6:00 P.M.	Adjourn	

## SATURDAY, JANUARY 20, 2018

7:30 A.M.	Breakfast and Exhibits	
<b>CLINICAL APPLICATIONS OF NUCLEAR CARDIOLOGY</b>		
<i>Daniel S. Berman, MD, Presiding</i>		
8:00	Nuclear Cardiology in Heart Failure: FDG and MIBG: Concepts and Clinical Need	<i>Marcelo F. Di Carli, MD</i>
8:20	Myocardial Viability: Multimodality Assessment with SPECT, PET, and MRI	<i>Jamshid Maddahi, MD</i>
8:50	Amyloidosis: Rebirth of the Need for Tc-99m PYP Imaging, and Neuronal Imaging	<i>Marcelo F. Di Carli, MD</i>
9:10	Coronary Flow Reserve with PET and SPECT: New Opportunities for Added Information beyond FFR	<i>Timothy Bateman, MD</i>
9:30	<b>KEYNOTE ADDRESS:</b> The Big Picture in Cardiac Imaging: Where Does the Evidence Stand?	<i>Leslee J. Shaw, PhD</i>
10:15	PANEL DISCUSSION <b>Faculty:</b> Drs. DiCarli, Maddahi, Bateman and Shaw <b>Moderator:</b> Daniel S. Berman, MD	
10:30	Break/Exhibits/Break-out Session #4	<i>Marcelo DiCarli, MD</i>
<b>NEW AND FUTURE DEVELOPMENTS IN PET AND SPECT</b> <i>Guido Germano, PhD, MBA, Presiding</i>		
10:45	Challenges for SPECT and PET in 2018: Increasing Efficiency, Reducing Radiation, and Reducing Costs	<i>Timothy Bateman, MD</i>
11:05	Cardiac Sarcoidosis: How to Use FDG PET and Cardiac MRI	<i>Marcello F. DiCarli, MD</i>
11:25	SPECT and PET: Best Cases	<i>John D. Friedman, MD</i>

11:45	Pathogenesis of Atherosclerosis: Potential Targets for Plaque Molecular Imaging	<i>Prediman K. Shah, MD</i>
12:05 P.M.	F-18 PET Imaging of the Coronary Arteries and the Aortic Valve: Potential Role in Patient Management	<i>Marc Dweck, MD, PhD</i>
12:25	PANEL DISCUSSION <b>Faculty:</b> <i>Drs. Bateman, DiCarli, Friedman, Shah and Dweck</i> <b>Moderator:</b> <i>Guido Germano, PhD</i>	
12:45	Lunch and Exhibits	
1:00	Optional CSMC Cardiac Imaging Laboratories Site Visit (No CME/CE credit)	<i>Mina Sadeghi</i>
<b>NUCLEAR CARDIOLOGY AND CARDIAC CT</b> <i>Daniel S. Berman, MD, Presiding</i>		
1:30	Radiation Dose Reduction in SPECT, PET and Cardiac CT	<i>Damini Dey, PhD</i>
1:45	Phase Analysis of MPI and Radionuclide Ventriculography	<i>Serge Van Kriekinge, PhD</i>
2:00	Physiologic Assessment of Coronary Disease by CT: FFRct and CT Perfusion	<i>Jonathon Leipsic, MD</i>
2:20	Coronary CTA and SPECT Imaging in Patients with Chest Pain in the ED	<i>Jack Ziffer, PhD, MD</i>
2:40	Don't Miss It: Non-Cardiac Findings on CT during Coronary Calcium and Attenuation Correction Scanning	<i>Jonathon Leipsic, MD</i>
3:00	PANEL DISCUSSION <b>Faculty:</b> <i>Drs. Dey, Van Kriekinge, Leipsic and Ziffer</i> <b>Moderator:</b> <i>Guido Germano, PhD, MBA</i>	
3:15	Break/Exhibits/Break-out Session #4	<i>Jack Ziffer, PhD, MD</i>
<b>CARDIAC MRI, PRACTICE TRENDS AND BEST ARTICLES OF 2017</b> <i>Jack Ziffer, PhD, MD, Presiding</i>		
3:30	Practice Trends: Cardiac Imaging In 2018 As Viewed from A Health Care System Perspective	<i>Jack Ziffer, PhD, MD</i>
4:00	The New Regulatory Reality: MACRA, AUC, and Bundling: Effect on My Practice	<i>Gregory Thomas, MD</i>
4:20	Cardiac MRI for Myocardial Fibrosis, Edema, and Infarction:	<i>Rohan Dharmakumar, PhD</i>
4:35	Novel Frontiers in Cardiac MRI: Combined Myocardial Perfusion, Flow Reserve, and Coronary Artery Imaging	<i>Debiao Li, PhD</i>
4:50	When is Cardiac MRI the Test of Choice? A Case-based Approach	<i>Louise E. J. Thomson, MBChB, FRACP</i>
5:20	Top Ten Imaging Papers of the Year	<i>James K. Min, MD</i>
5:50 P.M.	Adjourn	
<b>SUNDAY, JANUARY 21, 2018</b>		
7:30 A.M.	Breakfast and Exhibits	
<b>GROWTH OF CARDIAC CT AND ITS RELATIONSHIP TO NUCLEAR CARDIOLOGY AND CARDIAC MRI</b> <i>James K. Min, MD, Presiding</i>		
8:00	Coronary CTA: Interpretation and Reporting of Coronary CTA	<i>Stephan Achenbach, MD</i>
8:30	FFRct: Interpretation and Reporting	<i>John Lesser, MD</i>
8:50	How Coronary CTA Is Changing Routine Clinical Practice	<i>Tracy Callister, MD</i>
9:10	Coronary Plaque Assessment and the Prediction of Future Myocardial Infarction	<i>James K. Min, MD</i>
9:30	Pitfalls in Coronary CTA: How to Reduce and Deal with Artifacts	<i>Stephan Achenbach, MD</i>
9:50	PANEL DISCUSSION <b>Faculty:</b> <i>Drs. Achenbach, Lesser and Callister</i> <b>Moderator:</b> <i>James K. Min, MD</i>	
10:05	Break/Exhibits/Break-out Session #5	<i>Stephan Achenbach, MD</i>
10:20	Coronary Plaque, Stenosis, and Ischemia: What is Really Important?	<i>Tracy Callister, MD</i>
10:40	BATTLE OF THE EXPERTS: CT Face-off on Challenging Unknown Cases <b>Panelists:</b> <i>Drs. Lesser, Min and Thomson vs. Drs. Friedman, Callister and Leipsic</i> <b>Presenter:</b> <i>Stephan Achenbach, MD</i>	
11:30	GAME-SHOW JEOPARDY: NUCLEAR AND CT <b>Presenter:</b> <i>James K. Min, MD</i> Attendee participation. Prize awarded to winner	
12:00 P.M.	Ischemia Trial: Implications for the Future of Cardiac Imaging	<i>Leslee Shaw, PhD</i>
12:20	Lunch and Exhibits	
12:50	Coronary Calcium Scanning and Cardiac Prevention: A Case-Based Approach	<i>Matthew Budoff, MD</i>
1:20	Role of Cardiovascular CT in Transcatheter Aortic Valve Replacement (TAVR)	<i>Jonathon Leipsic, MD</i>
1:40	Quantification of Coronary Plaque: New Tool for Prognosis and Monitoring Therapy	<i>Damini Dey, PhD</i>
2:00	Coronary CTA Applications in Non-Coronary Heart Disease	<i>Matthew J. Budoff, MD</i>
2:25	Cardiac CT at 20 Patients a Day: Who Are These Patients and Where Do MRI and Nuclear Cardiology Fit in?	<i>John Lesser, MD</i>
2:45	Multimodality Cardiac Imaging: Its Use in the Era of Value-based Imaging	<i>Daniel S. Berman, MD</i>
3:15	PANEL DISCUSSION <b>Faculty:</b> <i>Drs. Budoff, Leipsic, Dey, and Lesser</i> <b>Moderator:</b> <i>Daniel S. Berman, MD</i>	
3:30	Adjourn	

# REGISTRATION

**Advances in Nuclear Cardiology, Cardiac CT and Cardiac MRI: 33rd Annual Case Review with the Experts**

FRIDAY, JANUARY 19, 2018 - SUNDAY, JANUARY 21, 2018

## REGISTRATION METHODS

**ONLINE** registration: go to [cedarssinai.edu/nuclearcardiologycme](http://cedarssinai.edu/nuclearcardiologycme)

**MAIL** form to: Cedars-Sinai Medical Center

Office of Continuing Medical Education

Attn: Registration

8797 Beverly Blvd., Suite 250

Los Angeles, CA 90048

**FAX** form to: 310-423-8596

*For additional course or registration information call 310-423-5548.*

*Please print clearly*

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ADDRESS \_\_\_\_\_

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*\*An email address is required to register for the conference.*

## REGISTRATION FEES

*Member rates apply to ACC /ASNC /SCCT /IAC members:*

	PHYSICIAN MEMBER	PHYSICIAN NON-MEMBER	ALLIED HEALTH MEMBER	ALLIED HEALTH NON-MEMBER	RESIDENT/ FELLOW
EARLY: Received by 12/15/17	<input type="checkbox"/> \$ 695	<input type="checkbox"/> \$ 895	<input type="checkbox"/> \$ 495	<input type="checkbox"/> \$ 595	<input type="checkbox"/> \$ 295
STANDARD: Received after 12/15/17	<input type="checkbox"/> \$ 795	<input type="checkbox"/> \$ 995	<input type="checkbox"/> \$ 595	<input type="checkbox"/> \$ 695	<input type="checkbox"/> \$ 395
LATE: Received after 1/5/18	<input type="checkbox"/> \$ 895	<input type="checkbox"/> \$ 1095	<input type="checkbox"/> \$ 695	<input type="checkbox"/> \$ 795	<input type="checkbox"/> \$ 450

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## HOW DID YOU LEARN ABOUT THIS CME ACTIVITY?

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| <input type="checkbox"/> Brochure/Other Printed Materials    | <input type="checkbox"/> Cedars-Sinai Website | <input type="checkbox"/> Email            |
| <input type="checkbox"/> Internet Search                     | <input type="checkbox"/> Colleague            | <input type="checkbox"/> Past Participant |
| <input type="checkbox"/> Internal Cedars-Sinai Communication | <input type="checkbox"/> Other _____          |   |

## CONFIRMATION

In order to receive a registration confirmation, please provide your e-mail address. If you do not receive a confirmation, please call 310-423-5548 to confirm your registration.

## REFUND POLICY

All cancellations must be submitted in writing, and refunds will be subject to a \$100 administrative charge. No refunds will be given after January 12, 2018. Please e-mail cancellation requests to [cme@cshs.org](mailto:cme@cshs.org). If you do not receive confirmation of your cancellation via e-mail, please call 310-423-5548.

## CANCELLATION POLICY

Cedars-Sinai reserves the right to cancel or reschedule programs due to circumstances beyond its control, or to close registration when programs are oversubscribed. Registrants are advised against purchasing nonrefundable airline tickets until they receive registration confirmation. Cedars-Sinai is not responsible for penalties incurred as a result of cancelled transportation costs.

## MEETING MATERIALS

All meeting materials for this conference will be sent electronically.

# FACULTY

## COURSE DIRECTORS

---

### **Daniel S. Berman, MD, FACC, FSCCT**

Chief of Cardiac Imaging and Nuclear Cardiology  
Medical Director of Artificial Intelligence  
in Medicine Program  
Professor of Imaging  
Cedars-Sinai Medical Center  
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### **Guido Germano, PhD, MBA, FACC**

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### **James Min, MD, FACC, FSCCT**

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New York-Presbyterian and Weill Cornell Medicine  
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### **Alan Rozanski, MD**

Director of Nuclear Cardiology  
and Cardiology Fellowship Training  
Professor of Medicine  
Mount Sinai St. Luke's Hospital  
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## GUEST FACULTY

---

### **Stephan Achenbach, MD, FSCCT**

Chairman, Department of Cardiology  
Professor of Medicine,  
University of Erlangen, Germany

### **Timothy M. Bateman, MD, FACC**

Director, Cardiovascular Radiologic Imaging  
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Professor of Medicine  
University of Missouri - Kansas City School  
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### **Matthew J. Budoff, MD, FACC, FSCCT**

Professor of Medicine, UCLA  
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### **Tracy Callister, MD**

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### **Marcelo F. Di Carli, MD, FACC**

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Professor, Radiology and Medicine Harvard  
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### **Marc R. Dweck, MD, PhD, FACC**

Consultant Cardiologist and  
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### **Jonathon Leipsic, MD, FSCCT**

Canada Research Chair,  
Advanced Cardiac Imaging  
Vice Chairman of Research  
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### **John R. Lesser, MD, FACC, FSCCT**

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Minneapolis, MN

### **Jamshid Maddahi, MD, FACC**

Professor of Medicine (Cardiology) and Molecular  
and Medical Pharmacology (Nuclear Medicine)  
Director, Biomedical Imaging Institute  
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Los Angeles, CA

### **Leslee Shaw, PhD**

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### **Gregory Thomas, MD, MPH, FACC, MASNC**

Medical Director,  
MemorialCare Heart & Vascular Institute  
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Clinical Professor and Director of Nuclear  
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### **Jack Ziffer, MD, PhD, FACC, FSCCT**

Executive Vice President and Chief Physician  
Executive, Baptist Health South Florida  
Coral Gables, FL

## **CEDARS-SINAI COURSE FACULTY**

### **C. Noel Bairey Merz, MD, FACC, FAHA**

Director, Barbra Streisand Women's Health Center  
Linda Joy Pollin Women's Heart Health Program  
Erika J. Glazer Women's Heart Research Initiative  
Preventive Cardiac Center  
Professor of Medicine  
Cedars-Sinai Medical Center

### **Damini Dey, PhD, FSCCT**

Technical Co-Director,  
PET/MR Services.  
Biomedical Imaging Research Institute  
Cedars-Sinai Medical Center

### **Rohan Dharmakumar, PhD**

Director, Translational Cardiac Imaging Research  
Associate Director, Biomedical Imaging Research  
Institute  
Associate Professor  
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### **John D. Friedman, MD, FACC, FSCCT**

Associate Director, Cardiac Imaging  
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### **Sean W. Hayes, MD**

Staff Physician in Nuclear Cardiology  
S. Mark Taper Foundation Imaging Center  
Cedars Sinai Medical Center

### **Debiao Li, PhD**

Director, Biomedical Imaging Research Institute  
Department of Biomedical Sciences  
Cedars-Sinai Medical Center

### **Prediman K. Shah MD, MACC**

Shapell and Webb Chair in Clinical Cardiology  
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Center and Atherosclerosis Prevention  
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Professor of Medicine at UCLA and Cedars Sinai

### **Piotr Slomka, PhD**

Research Scientist, AIM Program/Department  
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### **Balaji Tamarappoo, MD, FACC**

Assistant Director of Research, Cardiac Imaging  
Associate Medical Director, Biomedical Imaging  
Research Institute  
Cedars-Sinai Medical Center

### **Louise Thomson, MBChB, FRACP**

Director of Cardiac MRI  
Program Director, Cardiovascular Imaging  
Fellowship  
Nuclear Medicine Physician and Cardiac Imaging  
S. Mark Taper Foundation Imaging Center  
Cedars-Sinai Heart Institute  
Cedars-Sinai Medical Center

### **Serge D. Van Kriekinge, PhD**

Imaging Scientist,  
AIM Program  
Cedars-Sinai Medical Center



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***Register Today!***

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FRIDAY, JANUARY 19, 2018 - SUNDAY, JANUARY 21, 2018  
CEDARS-SINAI MEDICAL CENTER, LOS ANGELES, CA

*This session addresses the national healthcare directive for noninvasive imaging to provide value by using resources wisely and employing technologies, including nuclear cardiology, cardiac CT and cardiac MRI studies, in an effective, targeted way that guides therapy to improve patient outcomes.*

### **THIS UNIQUE PROGRAM INCLUDES:**

- 101 case presentations reviewing common clinical and technical problems
- A focus on value-based imaging
- An emphasis on increasing efficiency and reducing radiation exposure
- The latest evidence from clinical trials and registry data
- The popular “Battle of the Experts” session with multiple faculty members

[cedars-sinai.edu/nuclearcardiology](http://cedars-sinai.edu/nuclearcardiology)