

3rd Annual



MS ADVANCED INNOVATIONS IN HEART FAILURE

*Cases, Controversies and State-of-the-Art Update in
Heart Failure and Advanced Cardiac Care*



THURSDAY, OCTOBER 11, 2018

NEW YORK ACADEMY OF MEDICINE, NEW YORK, NY

DIRECTORS

Sean Pinney, MD, FACC

*Director, Advanced Heart Failure
& Cardiac Transplant Program
Professor of Medicine, Cardiology
Icahn School of Medicine at Mount Sinai
New York, New York*

Donna M. Mancini, MD

*Professor of Medicine, Cardiology
Professor, Population Health Science and Policy
Icahn School of Medicine at Mount Sinai
New York, New York*

Anu Lala, MD

*Director, Heart Failure Research
Assistant Professor of Medicine, Cardiology
Assistant Professor, Population Health Science and Policy
Icahn School of Medicine at Mount Sinai
New York, New York*



FACULTY

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New York, New York

Anu Lala, MD

Director, Heart Failure Research
Assistant Professor of Medicine, Cardiology
Assistant Professor, Population Health
Science and Policy
Icahn School of Medicine at Mount Sinai
New York, New York

KEYNOTE SPEAKER

Annetine C. Gelijns, PhD, JD

Professor and System Chair,
Population Health Science and Policy
Icahn School of Medicine at Mount Sinai
New York, New York



GUEST FACULTY

Daniel Burkhoff, MD, PhD

Director, Heart Failure,
Hemodynamics and MCS Research
Cardiovascular Research Foundation
Adjunct Associate Professor of Medicine
Columbia University
New York, New York

Nir Uriel, MD

Director, Heart Failure,
Transplant and Mechanical Circulatory Support
Louis Block Professor in Medicine
University of Chicago School of Medicine
Chicago, Illinois

Mathew Maurer, MD

Medical Director, HCM Center
New York-Presbyterian Hospital
Professor of Medicine
Columbia University School of Medicine
New York, New York

THE MOUNT SINAI HOSPITAL FACULTY

Anelechi C. Anyanwu, MD

Vice Chair and Professor, Cardiovascular Surgery
Surgical Director, Heart Transplantation
and Mechanical Circulatory Support

Juan J. Badimon, PhD

Director, Atherothrombosis Research Unit
Professor of Medicine, Cardiology

Maya Barghash, MD

Assistant Professor of Medicine, Cardiology

Johanna P. Contreras, MD, MSc, FACC, FAHA, FASE

Heart Failure Director, Mount Sinai St. Luke's Hospital
Assistant Professor of Medicine (Cardiology)

Roger Hajjar, MD

Director of the Cardiovascular Research Center
Arthur and Janet C. Ross Professor of Medicine

Peter S. Heeger, MD

Professor of Medicine, Nephrology

Sumeet Mitter, MD

Assistant Professor of Medicine, Cardiology

Noah Moss, MD

Medical Director, Mechanical Circulatory Support Program
Assistant Professor of Medicine, Cardiology

Jagat Narula, MD, PhD

Philip J. and Harriet L. Goodhart Chair, Cardiology
Director, Cardiovascular Imaging Program
Zena and Michael A. Wiener Cardiovascular Institute
Marie-Josée and Henry R. Kravis Center for Cardiovascular Health
Associate Dean for Global Health

Amit A. Pawale, MD

Associate Director, Heart Transplantation
and Mechanical Assist Devices
Associate Professor, Cardiothoracic Surgery

Matthew Tomey, MD

Assistant Professor of Medicine, Cardiology

Maria G. Trivieri, MD, PhD

Director, Pulmonary Hypertension Program
Assistant Professor of Medicine, Cardiology

AGENDA | Thursday, October 11th

7:45 am Registration / Continental Breakfast
President's Gallery

8:25 am Welcome and Introduction
Hosack Hall
Sean Pinney, MD

SESSION I NOVEL THERAPIES FOR HFrEF and HFpEF

Moderator: *Donna M. Mancini, MD*

8:30 am Diabetes and Heart Failure:
Use of SGLT2-i in Heart Failure
Juan J. Badimon, PhD

9:00 am Genetic Interventions for
Heart Failure from Gene Therapy
to CRISPR for Prevention of
Hypertrophic Cardiomyopathy
Roger Hajjar, MD

9:30 am New Developments in the
Treatment of HFrEF
Anu Lala, MD

10:00 am Panel Discussion | Q&A

10:15 am BREAK | VISIT EXHIBITS

SESSION II INNOVATIONS IN HFrEF AND HFpEF

Moderator: *Sean Pinney, MD*

10:30 am Comprehensive Imaging Modalities
for Heart Failure Diagnosis
Jagat Narula, MD, PhD

10:45 am Novel Methods for Remote
Patient Management
Maya Barghash, MD

11:00 am Emerging Therapies for Amyloidosis
and Restrictive Cardiomyopathy
Mathew Maurer, MD

11:30 am Medical and Device Therapies for HFpEF:
Does Anything Work?
Sumeet Mitter, MD

11:45 am Combination Therapy for Pulmonary
Hypertension
Maria G. Trivieri, MD, PhD

12:00 pm Panel Discussion | Q&A

12:15 pm LUNCH

1:00 pm **KEYNOTE ADDRESS**
Development of Research Partnerships
Between Data Registries and Clinical
Research Networks
Annetine C. Gelijns, PhD

SESSION III CARDIOGENIC SHOCK

Moderator: *Matthew Tomey, MD*

1:30 pm Case Studies Reflecting Heterogeneity
of INTERMACS 1 Patients
Johanna Contreras, MD

1:45 pm What Have Clinical Trials for Cardiogenic
Shock Taught Us?
Sean Pinney, MD

2:00 pm Hemodynamic Effects of Drug and
Device Therapies in Cardiogenic Shock
Daniel Burkhoff, MD, PhD

2:15 pm ECMO + Percutaneous Mechanical Support
Amit A. Pawale, MD

2:30 pm Panel Discussion | Q&A

2:45 pm BREAK | VISIT EXHIBITS

SESSION IV UPDATES FOR CHRONIC MECHANICAL CIRCULATORY SUPPORT

Moderator: *Sean Pinney, MD*

3:00 pm New Devices for Stage D Heart Failure
Nir Uriel, MD

3:15 pm Management of LVAD-
Associated Complications:
Emphasis on Clots and Bleeding
Noah Moss, MD

3:30 pm Exercise Limitation in Stage D Heart Failure
and LVAD Supported Patients
Donna M. Mancini, MD

3:45 pm Panel Discussion | Q&A

SESSION V NEW DRUGS AND APPROACHES FOR CARDIAC TRANSPLANTATION

Moderator: *Donna M. Mancini, MD*

4:00 pm New Methods for Organ Preservation
and Donation after Circulatory Death
Anelechi C. Anyanwu, MD

4:15 pm New Immunosuppressive Drugs for
Cardiac Transplant Recipients
Peter S. Heeger, MD

4:45 pm Non-Invasive Assessment of
Allograft Rejection
Sean Pinney, MD

5:00 pm Panel Discussion | Q&A

5:15 pm Concluding Remarks
Sean Pinney, MD

5:30 pm Wine & Cheese Reception
President's Gallery



SYMPOSIUM OVERVIEW

The *3rd Annual Mount Sinai Advanced INNOVATIONS in Heart Failure Symposium* is a one-day intensive state-of-the-art review of heart failure and advanced cardiac care consisting of case reviews, didactic lectures, and expert panel discussions of emerging topics in heart failure, mechanical circulatory support and cardiac transplantation, showcasing the relevant clinical and research expertise at Mount Sinai Heart.

TARGET AUDIENCE

The *2018 Mount Sinai Advanced INNOVATIONS in Heart Failure Symposium* has been designed to meet the educational needs of General and Sub-Specialized Cardiologists, Cardiothoracic Surgeons, Nurses, Nurse Practitioners, Transplant Professionals, Fellows in Training, VAD Coordinators and Ancillary Staff committed to caring for complex cardiac patients.

OBJECTIVES

At the end of this CME activity participants should be able to:

- Describe the worldwide burden of cardiovascular disease.
- Discuss the impact of co morbidities in heart failure with an emphasis on diabetes.
- Describe potential mechanisms for efficacy of diabetic medications such as metformin and SGLT2 inhibitors on patients with heart failure and reduced ejection fraction.
- Explain the clinical practice guidelines for Heart Failure with reduced and preserved Ejection Fraction of the ACC/AHA.
- Discuss the potential role of gene therapy for chronic systolic heart failure.
- List mechanisms of efficacy for use of stem cell therapy in heart failure.
- Describe current strategies to increase the rate of myocardial recovery following LVAD implantation.

PHYSICIAN CONTINUING EDUCATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of CMEsolutions and Gaffney Events LLC. The *CMEsolutions* is accredited by the ACCME to provide continuing medical education for physicians.

The *CMEsolutions* designates this live activity for a maximum of 7.75 *AMA PRA Category 1 Credits*.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CONTINUING EDUCATION FOR OTHER HEALTHCARE PROVIDERS

The American Nurse Credentialing Center (ANCC), American Academy of Nurse Practitioners (AANP) and American Academy of Physician Assistants (AAPA) accepts certificates of attendance for educational activities certified for *AMA PRA Category 1 Credits*™ from organizations accredited by the ACCME.

INSTRUCTIONS TO RECEIVE CREDIT

To receive credit, participants must complete sign in sheet, attend credit-designated sessions, and submit a completed evaluation and credit request form at the conclusion of the symposium. For more information regarding contact hours, please email info@cmesolutions.org, or call Shirlene DeHart at 520-544-2938.

DISCLOSURE OF CONFLICTS OF INTEREST

CMEsolutions requires everyone in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by *CMEsolutions* for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations.

REGISTRATION FEES

Your registration fee includes attendance at the General Session, breakfast, lunch and all refreshment breaks, and the Wine and Cheese Networking Reception.

Registration Fees for Fellows are Waived!
(Must Provide Proof of Fellowship)

Discount Registration prior to 9/28/18!
(Save \$50 off Full Registration Fees)

<i>Physicians</i>	\$200	\$150
<i>Nurse Practitioners, Nurses, Physician Assistants and Techs</i>	\$125	\$75
<i>Industry Personnel</i>	\$200	\$150
<i>Mount Sinai Affiliates</i>	\$25	\$25
<i>Fellows</i>	waived	waived

CANCELLATION POLICY

Cancellations will be accepted through Friday, October 5th and are subject to a \$25 administrative fee. There will be no refund of tuition for cancellations received after that date. Gaffney Events must receive written notification of your intent to cancel before the cancellation deadline. No refund of tuition will be given for no-shows.

CONFERENCE LOCATION

THE NEW YORK ACADEMY OF MEDICINE
President's Gallery, Main Floor
1216 Fifth Avenue
New York, NY 10029
Telephone: (212) 822-7200

PARKING

There are several public parking lots in the area around the NY Academy of Medicine. For detailed information on driving directions and parking, please refer to the symposium website: www.msadvanced.com.



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REGISTRATION

Thursday, October 11, 2018

Register Online At:

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Or Complete This Form
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- \$150 Physicians
- \$75 Nurse Practitioners, Nurses, Physician Assistants and Techs
- \$150 Industry Personnel
- \$25 Mount Sinai Affiliates
- waived Fellows

REGISTRATION FEES: *AFTER 9/28/18*

- \$200 Physicians
- \$125 Nurse Practitioners, Nurses, Physician Assistants and Techs
- \$200 Industry Personnel
- \$25 Mount Sinai Affiliates
- waived Fellows

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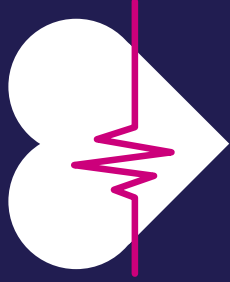
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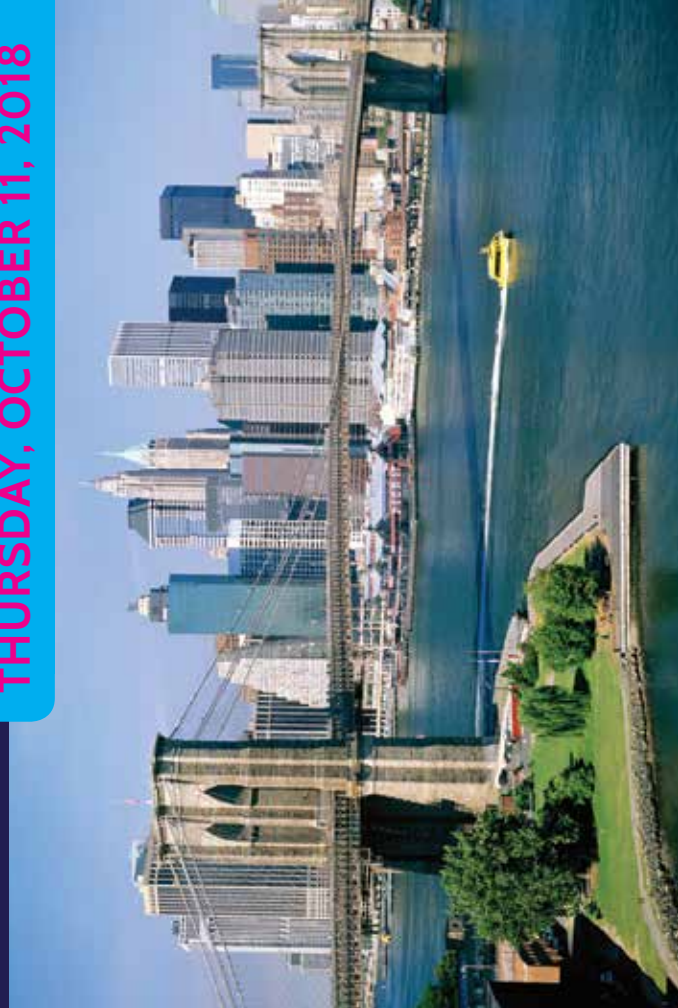
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THURSDAY, OCTOBER 11, 2018



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