



6th Annual

HEART IN DIABETES LIVE IN-PERSON ONLINE

Where the Heart, Kidney and Diabetes Meet in Clinical Practice

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CME
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June 24–26, 2022

Loews Philadelphia Hotel



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Welcome!

Dear Friends & Colleagues,

We invite you to join us for the 6th Annual Heart in Diabetes (HiD) CME Conference, a unique and exciting multidisciplinary program: *Where the Heart, Kidney, and Diabetes Meet in Clinical Practice.*

For half a decade, the annual Heart in Diabetes (HiD) Congress has brought together internationally known experts with practicing clinicians to share knowledge and best practices for managing patients with cardio-renal-metabolic disorders. This one-of-a-kind meeting has become an important venue where clinicians from multiple specialties work together to improve care for patients with diabetes, cardiovascular disease (CVD), chronic kidney disease (CKD), heart failure (HF), and related conditions. Until recently, these conditions were treated as separate diseases and largely managed by different specialists with different clinical priorities and goals. The HiD platform facilitates an approach based on the common pathways underlying cardiorenal and metabolic diseases. To continue to promote synergy in patient care, the cardio-renal-metabolic community will gather once again at the 6th Annual Heart in Diabetes.

The meeting will take place June 24-26, 2022, in Philadelphia, PA. The conference will be live in-person and online followed by 90 days of on-demand access.

Each year, the HiD Conference is a rousing success, with progressive growth in attendance and impressive conference evaluations, with over 2,400 registrations from 76 countries. The evaluations have been remarkable, rating the overall quality of the meeting at 98%. Ninety-eight percent of participants stated that they will recommend the meeting to others and will return the following year.

The 6th HiD Luminary in Cardiometabolic Medicine Award will be presented to Dr. Ralph DeFronzo. Key sessions will include COVID-19, Diabetes, and the Heart, Guidelines Update and the DCRM Multispecialty Practice Recommendations for Diabetes and Cardiorenal and Metabolic Diseases, Lipids—Current and Emerging Therapies, Heart Disease in Women, Stroke and Dementia in Diabetes, Management of Diabetes Circa 2022, CAC Scoring—Clinical Implications and Utility, Contemporary Approach to Heart Failure, Prevention and Treatment of CKD, Digital Health and Technology, Fatty Liver and the Heart, and more. Speakers will address clinical implications, and all sessions will conclude with panel discussions and an open forum for audience questions. There will be robust opportunities for the audience to interact with faculty.

Another unique feature is a daily summary session with panel discussion and Q&A with internationally celebrated faculty. The meeting will also feature posters and oral abstract presentations from scientists and researchers around the world, as well as several non-CME, industry-supported presentations. Abstracts will be published in the *American Heart Journal* (www.journals.elsevier.com/american-heart-journal, Editor-in-Chief: Daniel Mark, MD, MPH).

If you are a cardiologist, endocrinologist, nephrologist, diabetologist, lipidologist, internist, or clinician with an interest in the science of the Heart in Diabetes, this meeting is for you! We personally invite you to join us in this exciting endeavor.

Register today! We look forward to seeing you in Philadelphia in June!

Thank you,



Yehuda Handelsman, MD, Chair
FACP, FNLA, FASPC, MACE



Mikhail N. Kosiborod, MD, Chair
FACC, FAHA



PROGRAM DESCRIPTION

The Heart in Diabetes (HiD) conference, entering its sixth year, is a unique medical meeting that brings world-renowned clinical leaders in diabetes, obesity and cardiorenal metabolic diseases together with practicing clinicians to improve the care of patients at a high risk of these comorbidities.

HiD 2022 will be held in Philadelphia, PA on June 24-26, 2022. This Live-in person conference will also be streamed Live online followed by 90 days on demand.

This program is designed to evaluate the clinical science aspects of recent cardiovascular outcome trials (CVOTs) and their impact on the prevention and treatment of diabetes, ASCVD, heart failure, kidney and metabolic diseases. The goal is to develop appropriate comprehensive management plans aligning endocrinologists, cardiologists, nephrologists, and all other interested clinicians in their understanding of the new data's implications on the clinical management of these very high-risk patients.

PROGRAM OBJECTIVES

Upon completion of this meeting, participants should be able to:

- Evaluate the extent of vascular disease in diabetes, obesity, and cardiometabolic syndrome
- Be able to assess cardiovascular risk in diabetes with imaging and biomarkers with a focus on CAC score
- Provide comprehensive management of diabetes, addressing obesity, hypertension, and dyslipidemia as well as hyperglycemia
- Describe optimal use of technology — especially CGM — and digital technology and their impact on diabetes and CVD
- Be able to recognize and manage hypoglycemia and its impact on comorbidities
- Evaluate stroke and dementia in diabetes
- Discuss the impact of obesity and diets on fatty liver, the kidney, and the heart
- Evaluate the evidence supporting the use of GLP1-RAs, SGLT2 inhibitors, nonsteroidal MRAs, and other treatments to reduce CKD, HF, and cardiovascular disease and mortality in patients with T2D
- Understand new and evolving agents in dyslipidemia treatment and how they can be used to reduce ASCVD
- Discuss changes in management guidelines and the evolution of DCRM multispecialty management approaches
- Evaluate the impact on clinical practice of new CVOTs, including those evaluating antihyperglycemic, lipid-lowering, and other medications such as nonsteroidal MRAs and anticoagulation therapies
- Recognize the impact of diabetes and CVD on the severity of COVID-19
- Describe the state of heart disease in women
- Discuss diabetes, CKD, CVD, and HF in diverse populations

TARGET AUDIENCE

This educational initiative is designed for endocrinologists, cardiologists, diabetologists, nephrologists, internists, family physicians, nurse practitioners, physician assistants, and other healthcare professionals interested in the prevention and treatment of diabetes, obesity, cardiovascular disease, and associated conditions, as well as the effect of these conditions on health and society.

7:00 am Pre-Registration

7:00 am – 8:00 am **EXHIBIT HALL OPEN**

8:00 am – 8:15 am Welcome & Introduction | Pre-CME Questions

Yehuda Handelsman, MD

SESSION 1 JOINT SYMPOSIUM WITH CIRCULATION

8:15 am – 9:55 am

Chairs: Darren K. McGuire, MD • Neha Pagidipati, MD

8:15 am Sodium-Glucose Cotransporter-2 Inhibitors in Heart Failure: Racial Differences and a Potential for Reducing Disparities

Alanna A. Morris, MD

8:35 am Outcomes of Participants with Diabetes in the ISCHEMIA Trials

Jonathan D. Newman, MD, MPH

8:55 am Equitably Bending the Curve: Trends and Inequities in Diabetes Outcomes

Sadiya Khan, MD

9:15 am Comprehensive Management of Cardiovascular Risk Factors for Adults with Type 2 Diabetes: A Scientific Statement from the American Heart Association

Joshua J. Joseph, MD

9:35 am Panel Discussion and Q&A

9:55 am **REFRESHMENT BREAK AT THE EXHIBIT HALL**

SESSION 2 DIGITAL HEALTH & TECHNOLOGY

10:25 am – 11:15 am

Chairs: George Grunberger, MD • Robert J. Chilton, DO

10:25 am The Role of CGM in the Wide Spectrum of Diabetes and Beyond

Richard Bergenstal, MD

10:45 am Digital Health Technology and Mobile Devices in Diabetes and Heart Disease

Seth S. Martin, MD

11:05 am Panel Discussion and Q&A

SESSION 3 STATE OF THE ART CARDIO-RENAL-METABOLIC DISEASES

11:15 am – 12:30 pm

Chairs: Laurence S. Sperling, MD • Zachary T. Bloomgarden, MD, MACE, FASPC

11:15 am Evaluate the Role of Steroidal and Non-Steroidal MRA in Cardiorenal Diseases

Robert Toto, MD

11:35 am Combinations of SGLT2 Inhibitors & GLP-1 Receptor Agonists: Potential Impact on the Kidney and the Heart

Jennifer B. Green, MD

11:55 am Individualized CVOT-Directed Management for Our Patients with DM &/or CardioRenal Metabolic Diseases

Lawrence A. Leiter, MD

12:15 pm Panel Discussion and Q&A

12:30 pm – 1:30 pm **LUNCH BREAK**

12:40 pm – 1:25 pm **PRODUCT THEATER Lunch Non CME**

Hyperglycemia Secondary to Hypercortisolism

David Brown, MD

Supported by **Corcept Therapeutics**



SESSION 4 LIPIDS – CURRENT AND EMERGING THERAPIES

1:30 pm – 2:20 pm

Chairs: Erin D. Michos, MD • Paul S. Jellinger, MD

1:30 pm Dyslipidemia- Emerging Therapies

Robert P. Giugliano, MD

1:50 pm LDL-C Lowering and CV Outcomes- Have We Reached the Limits Yet?

Kausik Ray, MD, MPhil

2:10 pm Panel Discussion and Q&A

SESSION 5 ASPIRIN & ANTIPLATELETS ROLE IN THERAPY
Chairs: Norman E. Lepor, MD • Stefano Del Prato, MD

2:20 pm – 3:35 pm

2:20 pm Aspirin for Primary Prevention: Trials, Tribulations, and Trust
 2:40 pm Glucose Control and ASA in Diabetes
 3:00 pm Antiplatelet in the Prevention and Management of ASCVD in Diabetes
 3:20 pm Panel Discussion and Q&A

Laurence S. Sperling, MD
 Peter J. Grant, MD
 Robert J Chilton, DO

3:35 pm – 4:05 pm **REFRESHMENT BREAK AT THE EXHIBIT HALL**

SESSION 6 ASCVD PREDICTION AND TREATMENT
Chairs: Kausik Ray, MD, MPhil • Mikhail N. Kosiborod, MD

4:05 pm – 5:45 pm

4:05 pm Incorporating Genetic Testing and Polygenic Risk Scores in Cardiovascular Disease Risk Assessment
DEBATE: Which is the Better Test? CTA vs. Nuclear Stress
 4:25 pm A. Nuclear Stress
 4:45 pm B. CTA
 5:05 pm The ABC of Calcium Scoring - Controversies and Clinical Utility
 5:25 pm Panel Discussion and Q&A

Christie M. Ballantyne, MD
 James Udelson, MD
 Norman E. Lepor, MD
 Matthew J. Budoff, MD

5:45 pm – 6:15 pm **DAY 1 SUMMARY SESSION & POST CME QUESTIONS**
 Yehuda Handelsman, MD • Mikhail N. Kosiborod, MD • Neha Padigipati, MD
 Darren McGuire, MD • Erin Michos, MD • Kausik Ray, MD

6:15 pm – 7:00 pm **PRODUCT THEATER** *Available Only Online* **Non CME**
Rethinking the Approach: Management of Elevated LDL-C in Patients with ASCVD
 Supported by **Novartis Pharmaceuticals Corporation**

Jason LeCocq, MD, MBA



6:15 pm – 7:15 pm **WELCOME & POSTER RECEPTION AT EXHIBIT HALL**

7:15 pm – 9:00 pm **CME Dinner Symposium** Supported by **AstraZeneca**

THE CARDIO-RENAL-METABOLIC PATIENT
Chairs: Mikhail Kosiborod • Yehuda Handelsman



7:15 pm Introduction & Pre-CME Questions
 7:25 pm The Impact of CKD on Cardiovascular Disease
 7:45 pm The Prevention & Management of ASCVD in DM
 8:05 pm Contemporary Approach to the Management of CKD and Heart Failure
 8:25 pm Panel Discussion and Q&A: Case Based Comprehensive Management of the CardioRenal Patient
 Case Presentation: **Christian W. Mende, MD**
 Panel: **Stephen Greene, MD • Mikhail Kosiborod, MD • Janani Rangaswami, MD**
 Moderator: **Yehuda Handelsman, MD**
 8:55 pm Post CME Post Questions & Concluding Remarks
 9:00 pm Adjourn

Yehuda Handelsman, MD
 Janani Rangaswami, MD
 Mikhail Kosiborod, MD
 Stephen Greene, MD

7:00 am – 8:00 am **Exhibit Hall Open | Continental Breakfast**

8:00 am – 8:10 am Pre-CME Questions

SESSION 7 COVID-19, DIABETES AND THE HEART 8:10 am – 9:25 am
Chairs: Christos S. Mantzoros, MD, PhD • Mark E. Cooper MD, PhD

8:10 am	COVID-19 Outcome in Heart Transplant and Heart Failure	Lee Goldberg, MD
8:30 am	COVID-19 Early Detection Using Wearables	Michael Snyder, MD
8:50 am	COVID-19 & New Onset Diabetes: Metabolic Disorders and Research Priorities	William T. Cefalu, MD
9:10 am	Panel Discussion and Q&A	

SESSION 8 STROKE AND DEMENTIA IN DIABETES 9:25 am – 10:15 am
Chairs: Matthew J. Budoff, MD • Vivian A. Fonseca, MD

9:25 am	Prevention and Management of Stroke in Patients with Diabetes	Pam R. Taub, MD
9:45 am	Can Type 2 Diabetes Therapies Slow Cognitive Decline? The Evidence	Hertzel C. Gerstein, MD
10:05 am	Panel Discussion and Q&A	

10:15 am – 10:45 am **REFRESHMENT BREAK AT EXHIBIT HALL**

SESSION 9 MANAGEMENT OF DIABETES CIRCA 2022 10:45 am – 12:25 pm
Chairs: Peter J. Grant, MD • Lawrence A. Leiter, MD

10:45 am	Impact of Management of Hyperglycemia and Blood Pressure on Cardiovascular Autonomic Neuropathy	Vivian A. Fonseca, MD
11:05 am	Hypoglycemia Impact on Co-Morbidities – 2022 Approach to its Management	George Grunberger, MD
11:25 am	Tools to Aid Individualized Treatment for T2D	Richard E. Pratley, MD
11:45 am	Contemporary Approach to Managing Diabetes The New & the Newer	Stefano Del Prato, MD
12:05 pm	Panel Discussion and Q&A	

12:25 pm – 1:25 pm **LUNCH BREAK**

12:35 pm – 1:20 pm **PRODUCT THEATER** **Lunch** **Non CME**
A Next Step in LDL-C–Lowering Therapy: Oral Nonstatin Therapies Peter P. Toth, MD
 Supported by **Esperion**



SESSION 10 CONTEMPORARY APPROACH TO HEART FAILURE 1:25 pm – 2:40 pm
Chairs: Biykem Bozkurt, MD, PhD • Richard E. Pratley, MD

1:25 pm	Prevalence and Prognostic Implications of Diabetes with Cardiomyopathy	Ambarish Pandey, MD
1:45 pm	Sex Differences in Heart Failure	Martha Gulati, MD
2:05 pm	Would Device Treatment in Chronic Heart Failure Obviate the Need for Drug Therapy?	Javed Butler, MD
2:25 pm	Panel Discussion and Q&A	

SESSION 11 DCRM MULTISPECIALTY PRACTICE RECOMMENDATIONS FOR DM & CARDIO-RENAL-METABOLIC DISEASES 2:40 pm – 3:40 pm
Chair: Yehuda Handelsman, MD

2:40 pm **Matthew J. Budoff, MD • Javed Butler, MD • Vivian A. Fonseca, MD • Jennifer B. Green, MD
 George Grunberger, MD, FACP, MACE • Erin D. Michos, MD • Pam R. Taub, MD • Matthew R. Weir, MD
 Members of the Task Force**

3:25 pm Panel Discussion and Q&A

Saturday, June 25, 2022 (cont.)

3:40 pm – 4:10 pm REFRESHMENT BREAK AT THE EXHIBIT HALL

SESSION 12 DIABETES PUBLICATIONS IN CARDIOLOGY

4:10 pm – 5:50 pm

Chairs: Michael E. Farkouh, MD • Gina P. Lundberg, MD

4:10 pm	Impact of Race and Ethnicity on Cardiovascular Disease in Patients with Diabetes and Obesity	Prakash Deedwania, MD
4:30 pm	CVD in NAFLD: Personalizing Diagnosis and Treatment Using Machine Learning	Mamatha Bhat, MD
4:50 pm	Polycystic Ovary Syndrome and Risk of Type 2 Diabetes, Coronary Heart Disease and Stroke	Mark Goodarzi, MD
5:10 pm	Cardiovascular and Kidney Outcomes Across the Glycemic Spectrum	Michael Honigberg, MD
5:30 pm	Panel Discussion and Q&A	

5:50 pm – 6:30 pm DAY 2 SUMMARY SESSION & POST CME QUESTIONS

Yehuda Handelsman, MD • Christos S. Mantzoros, MD, PhD • Biykem Bozkurt, MD
Michael E. Farkouh, MD • Lawrence A. Leiter, MD • Vivian A. Fonseca, MD

6:30 pm – 8:15 pm **Dinner CME Symposium**

Supported by **Bayer**



**DIABETES KIDNEY DISEASE CLOSING THE LOOP IN
CARDIORENAL PROTECTION**

Chairs: Matthew R. Weir • Mikhail Kosiborod

6:30 pm	Introduction & Pre-CME Questions	Matthew R. Weir, MD
6:40 pm	Diabetes, Kidney and Heart Disease- Overview	Matthew R. Weir, MD
7:00 pm	Pathogenesis of CKD in Diabetes	Susanne B. Nicholas, MD
7:20 pm	Management Diabetic Kidney Disease- Circa 2022	Peter Rossing, MD, DMSc
7:40 pm	Panel Discussion and Q&A: Closing the Loop- the Management of CKD in DM Panel: Peter Rossing, MD, DMSc, Matthew R. Weir, MD, Yehuda Handelsman, MD Moderator: Mikhail Kosiborod, MD	
8:10 pm	Post CME Post Questions & Concluding Remarks	
8:15 pm	Adjourn	

8:15 pm – 9:15pm **ABSTRACT ORAL PRESENTATION**

Abstracts published in the American Heart Journal, Editor-in-Chief: Daniel Mark, MD, MPH

Chair: George Grunberger, MD, FACP, MACE

Abstract Committee: Zachary Bloomgarden, MD, MACE, FASPC • Matthew J. Budoff

Vivian Fonseca, MD • Norman E. Lepor, MD • Derek LeRoith, MD, PhD • Laurence Sperling, MD

REFRESHMENTS WILL BE SERVED



SAVE THE DATE
7th Annual Heart In Diabetes
June 9-11, 2023

7:00 am – 8:00 am Registration

7:00 am – 7:45 am **PRODUCT THEATER** **Breakfast** **Non CME**
A Treatment Option for Patients with HFREF
Following a Worsening HF Event
Supported by **Merck**

Norman E. Lepor, MD



8:00 am – 8:10 am Pre-CME Questions

George Grunberger, MD, FACP, MACE

8:10 am – 8:15 am **Oral Abstract Winner Award Presentation**

George Grunberger, MD, FACP, MACE

SESSION 13

OBESITY & DIETS

8:15 am – 9:30 am

Chairs: Zachary T. Bloomgarden, MD, MACE, FASPC • Matthew R. Weir, MD

8:15 am Obesity Pharmacotherapy: Present and Future

Ildiko Lingvay, MD, MPH, MSCs

8:35 am The Role of Diet in CVD, CKD and Heart Failure

Deborah Clegg, PhD, RD

8:55 am Nutrition, Exercise, Sarcopenia & Central Obesity Contribute Independently to
NAFLD, DM & CVD Over a Ten Year Period

Christos S. Mantzoros, MD, PhD

9:15 am Panel Discussion and Q&A

SESSION 14

LUMINARY IN CARDIOMETABOLIC MEDICINE

9:30 am Award Presentation **Peter J. Grant, MD**

9:35 am **Keynote Lecture:** Pre-Prediabetes: Time To Treat

Ralph A. DeFronzo, MD

10:05 am – 10:15 am Q&A



10:15 am – 10:30 am **REFRESHMENT BREAK**

SESSION 15

PREVENTION AND TREATMENT OF CKD

10:30 am – 11:45 am

Chairs: Ralph A. DeFronzo, MD • Christian W. Mende, MD

10:30 am Predicting Diabetic Kidney Disease

Mark E. Cooper, AO, PhD

10:50 am 2022 KDIGO Diabetes and CKD Guidelines - Addressing Albuminuria Role in Therapy

Katherine Tuttle, MD

11:10 am The Approach to the Management of Anemia in CKD

Matthew R. Weir, MD

11:30 am Panel Discussion and Q&A

11:45 am – 12:45 pm **LUNCH BREAK (CHECK OUT)**

11:55 am – 12:40 pm **PRODUCT THEATER** - **Lunch** - **Non CME**
A Focus on Anemia in Your Chronic Kidney Disease Patients
Supported by **GSK**

Eugene E. Wright, MD



SESSION 16

GUIDELINES & CVOT UPDATE

12:45 pm – 2:00 pm

Chairs: Stefano Del Prato, MD • Javed Butler, MD

12:45 pm CVOTs Update and Impact on Clinical Practice

Mikhail N. Kosiborod, MD

1:05 pm Heart Failure Guidelines 2022

Biykem Bozkurt, MD, PhD

1:25 pm Type 2 Diabetes Treatment Guidelines: The Good, the Bad and the Ugly

Silvio E. Inzucchi, MD

1:45 pm Panel Discussion and Q&A

SESSION 17

HEART DISEASE IN WOMEN

2:00 pm – 3:15 pm

Chairs: Silvio E. Inzucchi, MD • Darren K. McGuire, MD

REFRESHMENTS WILL BE SERVED

2:00 pm CVD in Women, Ischemia Diagnosis and Menopause Hormone Therapy
 2:20 pm Sex Differences in Diabetes Impact on ASCVD and HF
 2:40 pm Management of Cardiovascular Risk Factors During Pregnancy
 3:00 pm Panel Discussion and Q&A

Gina P. Lundberg, MD
Erin D. Michos, MD
Neha Pagidipati, MD

3:15 pm – 3:45 pm

DAY 3 SUMMARY SESSION & POST CME QUESTIONS

Yehuda Handelsman, MD • Darren K. McGuire, MD • Gina P. Lundberg, MD
Javed Butler, MD • Silvio Inzucchi, MD • Christian W. Mende, MD

3:45pm **Adjourn**

Heart in Diabetes (HiD) Scientific Committee

Yehuda Handelsman, MD
Chair
 Tarzana, California

Michael H. Davidson, MD
 Chicago, Illinois

Paul S. Jellinger, MD
 Hollywood, Florida

Erin D. Michos, MD
 Baltimore, Maryland

Mikhail N. Kosiborod, MD
Chair
 Kansas City, Missouri

Ralph A. DeFronzo, MD
 San Antonio, Texas

Mark Kearney, MD
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Neha Pagidipati, MD
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FACULTY 2022



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FACULTY 2022



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Registration Information
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You can earn up to 27.25 Credits

This activity was planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of PESI Inc. and the Metabolic Endocrine Education Foundation (MEEF). PESI Inc. is accredited by the ACCME to provide continuing medical education for physicians.

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The National Certification Board for Diabetes Educators recognizes courses sponsored by PESI Inc. as approved ACCME provider. This course qualifies for 27.25 continuing education hours.

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For the purpose of re-certification, the Commission on Dietetic Registration recognizes courses accredited with AMA PRA Category 1 Credit[™].

Satisfactory Completion for Credits

All attendees must have completed and turned in a course attendance/evaluation form online after the conference. Each session claimed for credit must be attended in its entirety.

ACCOMMODATIONS

The 6th Annual Heart in Diabetes (HiD) will be held at **Loews Philadelphia Hotel** | 1200 Market St, Philadelphia, PA 19107

Heart in Diabetes Room Rate: \$199 plus tax | **Cut Off Day for Room Reservations: June 3rd, 2022**

Rooms will be available on a first-come basis and will be available until all are filled. If you need special accommodations or if you have any questions about access to any of our activities, please contact the meeting organizers at (818) 342-1889 or info@tmioa.com

To reserve a room, please go online: <https://www.heartindiabetes.com/accommodations> OR call 215-627-1200 to make your individual reservation within the room block by providing the following information: **Event Name:** 6th Annual Heart in Diabetes (HiD) June 24-26, 2022



6th Annual

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Where the Heart, Kidney and Diabetes Meet in Clinical Practice

THE HID SCIENTIFIC COMMITTEE GRATEFULLY ACKNOWLEDGES

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