# AGENDA

**Tuesday, November 8, 2022**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Welcome</td>
<td>Mark Ghobrial, MD, PhD, FACS, FRCS(Ed)</td>
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<tr>
<td>7:45 AM</td>
<td>Introduction</td>
<td>Wadi N. Suki, MD &amp; A. Osama Gaber, MD</td>
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<tr>
<td>8:00 AM</td>
<td>KEY NOTE ADDRESS &amp; MEDICINE GRAND ROUNDS</td>
<td>Andrew S. Bomback, MD, MPH</td>
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<td></td>
<td>Moderator: Richard Robbins, MD</td>
<td>The spectrum of kidney involvement in COVID disease, and vaccination</td>
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<td>8:45 AM</td>
<td>Question and Answer Session</td>
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<tr>
<td></td>
<td><strong>PLENARY SESSION I Artificial Intelligence: Role in Kidney Disease and Transplantation</strong></td>
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<td>Moderator: Tariq Shafi, MD</td>
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<tr>
<td>9:00 AM</td>
<td>Artificial Intelligence for predicting outcomes in Acute Kidney Injury</td>
<td>Jay Koyner, MD</td>
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<tr>
<td>9:30 AM</td>
<td>Artificial Intelligence in predicting death in hemodialysis Patients</td>
<td>Carl Walther, MD, MS, FASN</td>
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<tr>
<td>10:00 AM</td>
<td>Artificial Intelligence and Chronic Kidney Disease - MBD</td>
<td>Michael E. Brier, Ph.D</td>
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<td>10:30 AM</td>
<td>Question and Answer Session/Panel Discussion</td>
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<tr>
<td>11:00 AM</td>
<td>Break and Exhibits</td>
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<td>11:15 AM</td>
<td>GRAHAM GUERRIERO LECTURE</td>
<td>J. Harold Helderman, MD</td>
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<td>Moderator: A. Osama Gaber, MD, FACS, FAST</td>
<td>Of War, Mice and Men including 15 min. Q&amp;A</td>
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<td>12:00 PM</td>
<td>Lunch and Exhibits</td>
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<td><strong>PLENARY SESSION II Pushing back the Limits of timing and donor acceptability for kidney transplantation</strong></td>
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<td>Moderators: Richard Knight, MD and Dr. Angelina Edwards</td>
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<tr>
<td>1:00 PM</td>
<td>Introduction</td>
<td>Richard J. Knight, M.D., FACS</td>
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<tr>
<td>1:05 PM</td>
<td>Pre-Emptive Transplantation: For whom and when?</td>
<td>Milagros D Samaniego-Picota, MD</td>
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<td>1:35 PM</td>
<td>Question and Answer Session</td>
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<tr>
<td>1:45 PM</td>
<td>GFR in Kidney Donors: How low can we go?</td>
<td>Emilio D. Poggio, M.D.</td>
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<td>2:15 PM</td>
<td>Question and Answer Session</td>
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<tr>
<td>2:25 PM</td>
<td>Break and Exhibits</td>
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<tr>
<td>2:40 PM</td>
<td>EPTS and KDPI: A Help or a Hindrance?</td>
<td>Richard N. Formica Jr., MD FAST (VIRTUAL)</td>
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<td>3:10 PM</td>
<td>Question and Answer Session</td>
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<tr>
<td>3:20 PM</td>
<td>Education for the Dialysis Patient</td>
<td>Amy Waterman, PhD</td>
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<td>3:50 PM</td>
<td>Question and Answer Session</td>
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PLENARY SESSION III: Innovative paradigms for successful CKD education: Pre-emptive transplantation and Pre-ESRD Health

Moderator: Amy Waterman, PhD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers</th>
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| 4:00 PM| Living Donation education for the Dialysis Population | Christopher Kwoh, MD  
Amy Waterman, PhD  
Catina O'Leary  
Horacio Adrogue, MD  
Tariq Shafi, MD  
Stephanie Yi, MD |
| 4:45 PM| Question and Answer Session                   |                                               |
| 5:00 PM| Adjourn                                       |                                               |

FACULTY

COURSE DIRECTOR

A. Osama Gaber, MD, FACS, FAST

John F., Jr. and Carolyn Bookout Presidential Distinguished Chair in Surgery, Department of Surgery  
Chair, Department of Surgery  
Professor of Surgery, Academic Institute  
Full Member, Research Institute  
Program Director, Transplant Surgery Fellowship, Department of Surgery  
Houston Methodist  
Weill Cornell Medical College

Wadi N. Suki, MD, FACP

Scientific Planning Chair  
Emeritus Professor of Medicine  
Institute for Academic Medicine  
Houston Methodist Hospital

MODERATOR

Angelina Edwards, MD

Houston Methodist Academic Medicine Associates - Nephrology

Richard J. Knight, MD, FACS

Nicole Follansbee Centennial Chair,  
Director, Renal and Pancreas Transplantation  
J.C. Walter Jr. Transplant Center  
Surgical Director, Kidney and Pancreas Transplantation  
Professor of Surgery, Weill Cornell Medicine  
Houston Methodist Hospital  
Department of Surgery

Richard J. Robbins, MD
Charles and Anne Duncan Presidential Distinguished Chair
Department of Medicine
Professor of Medicine, Academic Institute
Full Member, Research Institute, Houston Methodist
Weill Cornell Medical College

Tariq Shafi, MD
Chief, Division of Nephrology and Hypertension
Department of Medicine
Houston Methodist

Amy D. Waterman, PhD, FAST
Director, Patient Engagement, Diversity, and Education
Department of Surgery and J.C. Walter Jr. Transplant Center
Houston Methodist

HOUSTON METHODIST FACULTY

Horacio E. Adrogue, MD, FASN
Transplant Nephrologist, Houston Methodist
Academic Medicine Associates

Angelina R. Edwards, MD
Transplant Nephrologist,
Houston Methodist Academic Medicine Associates
Houston Methodist

R. Mark Ghobrial, MD, PhD, FACS, FRCS (Ed)
J.C. Walter Jr. Presidential Distinguished Chair
Director, Houston Methodist J.C. Walter Jr. Transplant Center
Director, Transplantation Research
Chief, Division of Transplantation,
Department of Surgery
Professor of Surgery, Weill Cornell Medical College
Houston Methodist Institute for Academic Medicine

Stephanie Yi, MD, MPH, FACS
Kidney and Pancreas Transplantation
J.C. Walter Jr. Transplant Center
Department of Surgery
Assistant Professor of Surgery
Weill Cornell Medical College
Houston Methodist Institute for Academic Medicine
Houston Methodist Center for Outcomes Research
Adjunct Assistant Professor Texas A&M College of Medicine
Houston Methodist Hospital
GUEST FACULTY

Andrew S. Bomback, MD, MPH
Associate Professor of Medicine
Columbia University Medical Center
Division of Nephrology
New York, NY

Michael E. Brier, PhD
Professor of Medicine and Pharmacology & Toxicology
Vice Chair of Faculty Affairs
University of Louisville School of Medicine
Louisville, KY

Richard N. Formica Jr., MD, FAST
Professor of Medicine and Surgery
Director of Transplant Medicine
Yale School of Medicine
New Haven, CT

J. Harold Helderman, MD
Professor of Medicine
Department of Medicine,
Vanderbilt University Medical Center
Nashville, TN

Jay Koyner, MD
Professor of Medicine
Medical Director, Acute Dialysis
Director, Nephrology Intensive Care Unit
The University of Chicago Medicine
Chicago, IL

Christopher Kwoh, MD
Nephrologist
The Kidney Institute

Catina O'Leary, PhD, LMSW
President and CEO
Health Literacy Media
Emilio D. Poggio, MD
Professor of Medicine
Medical Director, Kidney Transplant Program
Glickman Family Chair in Kidney Transplantation
Department of Kidney Medicine
Glickman Urological and Kidney Institute
Cleveland Clinic
Cleveland, OH

Milagros D. Samaniego-Picota, MD
Division of Nephrology, Department of Internal Medicine,
Henry Ford Health System
Detroit, MI

Carl P. Walther, MD, MS, FASN
Associate Professor, Section of Nephrology
Baylor College of Medicine
PROGRAM OVERVIEW
The Houston Methodist J.C. Walter Jr. Transplant Center is proud to introduce its leading educational event of the year. This program is designed to provide an innovative view on strategies for the widespread issues of organ failure management. Renowned national and international speakers will share their state-of-the-art techniques and advanced research to educate attendees on the advancements of organ failure management.

TARGET AUDIENCE
The George P. Noon Conference Series is designed for nephrologists, cardiologists, gastroenterologists, hepatologists, pulmonologists, pathologists, internists, oncologists, physicians treating patients with organ failure, nurses, family practitioners, social workers and allied health professionals with an interest in organ failure transplant management.

EDUCATIONAL OBJECTIVES
Upon completion of this course, the participant should be able to:
- Recognize the spectrum of kidney involvement in COVID Disease and Vaccination for patients with renal symptoms.
- Describe the emerging field of machine learning and artificial intelligence and its role in the management of kidney disease.
- Examine the current practice guidelines for preemptive and living donor transplantation.
- Describe new innovations in dialysis patient education and efforts to optimize and maximize the application of living donation in the care of dialysis and CKD patients.
- Identify barriers at patient, family and the provider level that limit the pursuit of transplant and living donation.

NURSING OUTCOMES STATEMENT
Nurses attending this activity will be better prepared to provide high quality care based on an enriched understanding of current research, emerging treatments and procedures related to advanced kidney disease, dialysis and transplantation. They will be able to identify at least one new learning they can put into their personal practice related to management of kidney disease, dialysis and transplantation.

EDUCATION METHODS
Didactic lectures, panel discussion

EVALUATION METHOD
Evaluation by questionnaire will address program content, presentation, and possible bias.

ACCREDITATION AND CREDIT DESIGNATION STATEMENTS
**Physicians**
Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 7.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses**
Houston Methodist is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center’s Commission on Accreditation.

Houston Methodist will provide up to 7.58 contact hours for this activity. Participants must attend
each session in its entirety and complete the corresponding items on the evaluation tool.

**Transplant Coordinators**
This course has been approved by the American Board for Transplant Certification for 6.75 Category I CEPTCs.

**Social Workers**
Houston Methodist and J.C. Walter Jr. Transplant Center designate this activity for 6.0 CEU for social work. This offering complies with section 781.509 of the rules of the Texas State Board of Social Work Examiners.

**HOW TO RECEIVE YOUR CERTIFICATE**

**Physicians**
An email will be sent from learn@houstonmethodist.org with the necessary link to evaluate the activity. You will be prompted to print/download your certificate in PDF format once you have submitted your evaluation.

**Nurses**
To be awarded up to 7.58 contact hours for this continuing education activity, the participant must:
- Be sure to check in and complete the sign in process
- Attend each session in its entirety (Contact hours are awarded only for full day attendance)
- Complete the evaluation tool. An email will be sent from learn@houstonmethodist.org with the necessary link to evaluate the activity. You will be prompted to print/download your certificate in PDF format once you have submitted your evaluation.

**DISCLAIMER AND DISCLOSURES**
Houston Methodist makes every effort to develop continuing education activities that are scientifically based, accurate, current, and objectively presented. In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity and Independence in Accredited Continuing Education and American Nurse Credentialing Center (ANCC), Houston Methodist has implemented a mechanism requiring everyone in a position to control content of an educational activity (e.g., directors, planning committee members, contributors, peer reviewers, etc.) to disclose all financial relationships with ineligible companies (companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients) and mitigate any relevant financial relationships prior to the activity. Individuals must disclose to participants the existence of financial relationships at the time of the activity and 24 months prior.

Houston Methodist does not view the existence of interests or relationships with ineligible companies as implying bias or decreasing the value of a presentation. It is up to the participants to determine whether the interests or relationships influence the presenter with regard to exposition or conclusions.

In addition, if contributors will be discussing products (drugs/devices) they have been instructed to use generic names and to include various products within and across classes. If at any time during this activity you feel that there has been commercial or promotional bias, please notify the CE coordinator for the activity and note your comments by using the commercial bias comments box in the evaluation form. Please answer the question about balance in the CE activity evaluation candidly.

Some drugs/devices identified during this activity may have United States Food and Drug Administration (FDA) clearance for specific purposes only or for use in restricted research settings. The FDA has stated that it is the responsibility of the individual physician to determine the FDA status of each drug or device that he/she wishes to use in clinical practice and to use the products in compliance with applicable law.

Faculty members are also asked to disclose any unlabeled use or investigational use (not yet approved for any purpose) or pharmaceutical and medical device products and provide adequate scientific and clinical justification for such use. Physicians are urged to fully review all the available data on products or procedures before using them to treat patients.
All the relevant financial relationships listed for these individuals have been mitigated.

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Relevant Financial Relationship(s)</th>
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<tbody>
<tr>
<td>Horacio E. Adrogue, MD, FASN</td>
<td>Panelist</td>
<td>Research Speaker: Alexion</td>
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<td>Speaker: Astra Zeneca, Bayer, CareDx, Vifor Pharma</td>
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<tr>
<td>Michael E. Brier, PhD</td>
<td>Speaker</td>
<td>Researcher: Sanofi; Hansa; Veloxis; Medeor; CareDx; Natera</td>
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<tr>
<td>Richard N. Formica Jr., MD, FAST</td>
<td>Speaker</td>
<td>Consultant: TransMedics; Organ Recovery Systems</td>
</tr>
<tr>
<td>A. Osama Gaber, MD, FACS, FAST</td>
<td>Course Director</td>
<td>Researcher: Sanofi; Hansa; Veloxis; Medeor; CareDx; Natera</td>
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<tr>
<td>Jay Koyner, MD</td>
<td>Speaker</td>
<td>Research support, Speaker: Fresenius Medical - NxStage Medical, Biomerieux - Astute Medical</td>
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<td>Consultant: Baxter Healthcare, Mallinckrodt</td>
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<td>Advisory Board: Guard Therapeutics, Novartis</td>
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<tr>
<td>Christopher Kwoh, MD</td>
<td>Panelist</td>
<td>Principal Investigator, Speaker: Bayer, Transplant Genomics, Fresenius Medical Care, Speaker, Consultant: Otsuka</td>
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<td>Consultant: Natera</td>
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<td>Principal Investigator: Prokidney, Merck, Astra Zeneca, VERTEX</td>
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<td>Principal Investigator, Consultant: Ardelyx (relationship has ended)</td>
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<td>Emilio D. Poggio, MD</td>
<td>Speaker</td>
<td>Advisory Board and Speaker: CareDx</td>
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<td>Advisory Board: Horizon, Transplant Genomics, Veloxis, Verici</td>
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<td>Speaker: Natera, Gador, Sciena, Novartis, Sanofi</td>
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<tr>
<td>Carl P. Walther, MD, MS, FASN</td>
<td>Speaker</td>
<td>Consultant: GlaxoSmithKline</td>
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<tr>
<td>Amy D. Waterman, PhD, FAST</td>
<td>Speaker</td>
<td>Speaker: Astellas; Consultant, transplant education: Redesign Health</td>
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EXHIBITORS

We gratefully acknowledge the following companies for participating as exhibitors at this activity:

CareDx
Eurofins-tgi
Nora’s Home
Sanofi
Veloxis