

**HFC Special Focus Meeting: The Role of AI in the Future of
Clinical Trials and Therapeutic Development**
9:00am – 12:30pm ET, March 15, 2024 | Remote Via Zoom

9:00 – 9:05am	WELCOME AND OPENING REMARKS: Christopher O'Connor, MD
Moderators: Christopher O'Connor, Mona Fiazat	
9:05 – 9:45am	The Role of AI in the Future of HF Clinical Trials
9:05 – 9:15	<i>Harlan Krumholz, MD (Yale, Editors Perspective)</i>
9:15 – 9:25	<i>Sneha Shah Jain, MD, MBA (Stanford, Academic Perspective)</i>
9:25 – 9:35	<i>Christopher Lindsell, PhD (Duke, Clinical Trials / Statistical Perspective)</i>
9:35 – 9:45	<i>Rashmee Shah, MD (University of Utah, Developer Perspective)</i>
9:45 – 9:55am	Regulatory Implications – The role of AI in Therapeutic Development (10 min)
	<i>Tala Fakhouri, PhD, MPH (FDA)</i>
9:55 – 10:25am	AI Based Natural Language Processing Model for Endpoint Adjudication (30 min)
	<i>Scott Solomon, MD, Jon Cunningham, MD</i>
10:25 – 10:40am	Voice Recognition Technologies in HF Trials (15 min)
	<i>Bill Abraham, MD</i>
10:40 – 10:50am	BREAK
10:50 – 11:05am	Digital Biomarkers (15 min)
	<i>Jessilyn Dunn, PhD (Duke)</i>
11:05 – 11:25am	AI technology to predict LVEF – CathEF (20 min)
	<i>Geoff Tison, MD</i>
11:25 – 11:45am	AI Technology Devices in HF (20 min)
	<i>Managing Intracardiac Pressures with Machine Learning Algorithms – Acorai</i> <i>Matthew Mace, MD, Chief Scientific Officer</i>
11:45 – 12:30pm	Panel Discussion (ALL TT Participants)
	Regulatory Implications: (Bram Zuckerman, Leonard Sacks, Tala Fakhouri, Norman Stockbridge)
	<i>Panel: Harlan Krumholz, Euan Ashley, Jon Cunnigham, Geoff Tison, Matthew Mace, JoAnn Lindenfeld, Mariell Jessup, Vanessa Blumer, Biykem Bozkurt, Javed Butler, Cynthia Chauhan, Maria Rosa Costanzo, Michael Felker, James Januzzi, Mitchell Psotka, Scott Solomon, Clyde Yancy, Tariq Ahmad, David Kao, Abhinav Sharma, Ankeet Bhatt, Tre Martyn, Richard Jacob</i>
12:30pm	WRAP UP AND ADJOURN: Christopher O'Connor, MD

Invited Speakers and Panelists

William Abraham, MD

*Professor of Medicine, Physiology, Cell Biology
College of Medicine Distinguished Professor
Division of Cardiovascular Medicine
Ohio State University*

Tariq Ahmad, MD, MPH

*Director, Cardiac Transplant and Mechanical
Circulatory Support
Chief, Heart Failure Program
Associate Professor of Medicine
Yale New Haven Health System*

Ankeet Bhatt, MD, MBA, ScM

*Critical Care Cardiologist and Investigator
Kaiser Permanente San Francisco Medical Center*

Vanessa Blumer, MD

*Advanced Heart Failure and Transplant Cardiology
Associate Director, Heart Failure Research
Medical CO-Director, Heart Failure Outreach
Inova Health System*

Biykem Bozkurt, MD, PhD

*Professor of Medicine
Medical Care Line Executive, DeBakey VAMC
Director, Winters Center for Heart Failure Research
Associate Director, Cardiovascular Research Institute
Vice-Chair of Medicine, Baylor College of Medicine*

Javed Butler, MD, MPH, MBA

*SVP, Baylor Scott & White Health System, President,
Baylor Scott & White Research Institute*

Cynthia Chauhan

Patient Representative

Maria Rosa Costanzo, MD

*Medical Director, Advocate Medical Group
Midwest Heart Specialists
HF and PAH Programs Medical Director, Edward
Hospital Center for Advanced Heart Failure*

Jon Cunningham, MD

*Heart Failure Cardiologist
Brigham and Women's Hospital*

Jessilyn Dunn, PhD

*Assistant Professor
Departments of Biomedical Engineering and
Biostatistics and Bioinformatics
Duke University*

Tala Fakhouri, PhD, MPH

*Associate Director for Policy Analysis
U.S. FDA*

Michael Felker, MD, MHS

*Professor of Medicine
Director, Cardiovascular Research, DCRI
Vice-Chief of Cardiology for Clinical Research
Duke University School of Medicine*

Mona Fiuzat, PharmD

*Senior Scientific Advisor, Division of Cardiology and
Nephrology, CDER, U.S. FDA
Associate Professor of Medicine
Duke University School of Medicine*

Richard Jacob

Patient Representative

Sneha Shah Jain, MD, MBA

*Chief Cardiology Fellow
Stanford Medicine and Stanford Center for Clinical
Research*

James Januzzi, MD

*Hutter Family Professor of Medicine
Harvard Medical School*

Mariell Jessup, MD

*Emeritus Professor of Medicine
University of Pennsylvania
Chief Science and Medical Officer
American Heart Association*

David Kao, MD

*Assistant Professor of Medicine
Divisions of Cardiology and
Bioinformatics/Personalized Medicine
University of Colorado*

Harlan Krumholz, MD, SM

*Harold H Hines, Jr. Professor of Medicine
(Cardiology)
Yale School of Medicine*

JoAnn Lindenfeld, MD

*Professor of Medicine
Director, Heart Failure and Transplant Section
Vanderbilt Heart and Vascular Institute*

Christopher J. Lindsell, PhD

*Professor and co-Chief of Biostatistics, Duke
University
Director, Data Science & Biostatistics, Duke Clinical
Research Institute*

Matthew Mace, MD

*Chief Scientific Officer
Acorai*

Tre Martyn, MD

*Director of Heart Failure Population Health
Cleveland Clinic*

Christopher O'Connor, MD

*President, Inova Heart & Vascular Institute
Professor of Medicine
Duke University School of Medicine*

Mitchell Psotka, MD, PhD

*Section Chief, Heart Failure and Transplant Director,
Infiltrative Cardiomyopathy Center
Inova Heart and Vascular Institute*

Leonard Sacks, MD

*Associate Director for Clinical Methodology
Office of Medical Policy
Center for Drug Evaluation and Research
U.S. FDA*

Rashmee Shah, MD

*Adjunct Associate Professor in Cardiovascular
Medicine
University of Utah School of Medicine*

Abhinav Sharma, MD, PhD

*Assistant Professor of Medicine
McGill University*

Scott Solomon, MD

*The Edward D. Frohlich Distinguished Chair
Professor of Medicine, Harvard Medical School
Director, Noninvasive Cardiology
Brigham and Women's Hospital*

Norman Stockbridge, MD, PhD

*Director, Division of Cardiovascular and Renal
Products, CDER, U.S. FDA*

Geoff Tison, MD, MPH

*Associate Professor – Medicine and Cardiology
University of California, San Francisco*

Clyde Yancy, MD, MSc

*Vice Dean for Diversity and Inclusion
Chief of Cardiology, Department of Medicine
Magerstadt Professor
Northwestern University Feinberg School of Medicine*

Bram Zuckerman, MD

*Director, FDA Division of Cardiovascular Devices
CDRH, U.S. FDA*