

Henry Ford + MSU Cardiometabolic Health Research Symposium

September 25, 2026

Diamond Ballroom
Vibe Credit Union Showplace
46100 Grand River Ave, Novi, MI 48374

8:00 – 9:00 a.m. CHECK-IN & BREAKFAST

9:00 – 9:30 a.m. Opening Remarks

Emilio Mottillo, Ph.D.

Henry Ford Health Hypertension Research Associate Scientist

Douglas A. Gage, Ph.D.

MSU Research and Innovation Emeritus Vice President

David Lanfear, M.D.

Henry Ford Health Vice President of Research and Chief Scientific Officer

9:30 – 10:30 a.m. Keynote: Stem Cells, Genomics, and AI – From New Approach Methodologies to Clinical Trial in-a-Dish

Session Lead: Charles Hong, M.D., Ph.D.

MSU Medicine Chair and Research Foundation Distinguished Professor

Joseph Wu, M.D, Ph.D.

Director of the Stanford Cardiovascular Institute and the Simon H. Stertzer, MD, Professor of Medicine and Radiology at Stanford University

10:30 – 10:45 a.m. BREAK

10:45 a.m. – 12:00 p.m. Session 1: Special Topics & Collaborative Opportunities in Cardiometabolic Health

Session Lead: Steven Keteyian, Ph.D.

Henry Ford Health Preventive Cardiology Unit Division of Cardiovascular Medicine

10:45 – 11:10 a.m. Hypertension, Cardiovascular & Metabolic Research

Pablo Ortiz, Ph.D.

Henry Ford Health Hypertension Research Division Head

Anne Dorrance, Ph.D.

MSU Pharmacology and Toxicology Chair

11:10 – 11:35 a.m. Population & Public Health

Mathew Reeves, Ph.D.

MSU Epidemiology and Biostatistics Professor

Andrea Cassidy-Bushrow, Ph.D.
Henry Ford Health Public Health Sciences Senior Scientist

Suki Singh, M.D.
Henry Ford Health Family Practitioner and Weight Management and Obesity
Medicine Clinics System Medical Director

11:35 – 12:00 p.m.

Precision & Translational Medicine

David Lanfear, M.D.
Henry Ford Health Vice President of Research and Chief Scientific Officer

Charles Hong, M.D., Ph.D.
MSU Medicine Chair and Research Foundation Distinguished Professor

12:00 – 12:45 p.m. LUNCH

12:45 – 1:30 p.m. Poster Session

1:30 – 2:42 p.m.

Session 2: Cardiometabolic Health Seed Funding Awardee Presentations

Session Lead: Emilio Mottillo, Ph.D.
Henry Ford Health Hypertension Research Associate Scientist

1:30 – 1:42 p.m.

AI Tools and Computer Modeling for Risk Predictions of Heart Failure in LVAD Patients

Lik-Chuan Lee, Ph.D.
MSU Engineering Professor

James Lee, M.D.
Henry Ford Health Cardiovascular Medicine Cardiologist

1:42 – 1:54 p.m.

Investigating the Prevalence Of Neurological Disorders in Patients with Pre-Clinical and Clinical Obesity

Evan Reynolds, Ph.D.
MSU Epidemiology and Biostatistics Assistant Professor

Jamie Roberman, Ph.D.
Henry Ford Health Public Health Sciences Assistant Scientist

1:54 – 2:06 p.m.

Leveraging Kidney Endothelial Extracellular Vesicles Against Diabetic Kidney Disease

Paulo Caceres, Ph.D.
Henry Ford Health Hypertension Research Assistant Scientist

Masamitsu Kanada, Ph.D.
MSU Pharmacology and Toxicology Assistant Professor

2:06 – 2:18 p.m.

PREPARE: Pregnancy Data to Identify Pathways for Advancing Cardiometabolic Health

Jean Kerver, Ph.D.
MSU Epidemiology and Biostatistics Associate Professor

Raminder Khangura, M.D.
Henry Ford Health Maternal-Fetal Medicine Obstetrician-Gynecologist

2:18 – 2:30 p.m. **Determination of Muscle Metaboreflex Strength and Latency During Dynamic Exercise in Humans with and Without Obesity**

Joseph Mannozi,
Henry Ford Health Cardiovascular Medicine Assistant Scientist

Chad Wiggins, Ph.D.
MSU Kinesiology Assistant Scientist

2:30 – 2:42 p.m. **Cholesterol Crystal Emboli to the Brain as a Risk for Cancer**

George Abela, M.D.
MSU Division of Cardiology Professor and Chief

Abeer Tabbarah, M.D.
Henry Ford Health Senior Staff Pathologist and Pathology Section Chief

2:42 – 3:00 p.m. BREAK

3:00 – 4:00 p.m. Session 3: Key Initiatives, Cores, & Resources

Session Lead: Suki Singh, M.D.
Henry Ford Health Family Practitioner and Weight Management and Obesity
Medicine Clinics System Medical Director

3:00 – 3:16 p.m. **One Team, One Health (Food to Health Workgroup)**

Miriam Vos, M.D.
MSU Pediatrics Translational Research Professor and Vice Chair

3:16 – 3:27 p.m. **Henry Ford Health Patient Engaged Research Center (PERC)**

Sara Santarossa, Ph.D.
Henry Ford Health Public Health Sciences Assistant Scientist

3:27 – 3:38 p.m. **MSU Stem Cell & Transgenic Genome Editing Facility**

Elena Demireva, Ph.D.
MSU Transgenic Genome Editing Facility Program Director

3:38 – 3:49 p.m. **Henry Ford Health Central Biorepository**

George Wilson, Ph.D.
Henry Ford Health Biorepository Core Research Associate Scientist

3:49 – 4:00 p.m. **MSU Mass Spectrometry & Metabolomics Core**

Maryam Goudarzi, Ph.D.
MSU Biochemistry & Molecular Biology Associate Professor

4:00 – 4:15 p.m. Closing Remarks

Charles Hong, M.D., Ph.D.
MSU Medicine Chair and Research Foundation Distinguished Professor

4:15 – 5:15 p.m. NETWORKING RECEPTION (Courtyard)