

AGENDA

5th Annual Henry Ford + MSU Cancer Research Symposium

THURSDAY, NOVEMBER 6, 2025

2nd Floor | Ballroom, MSU Union

1:30 – 3:00 p.m. MSU Shared Resources Tour

Registered tour participants will have the opportunity to visit MSU research facilities.

3:00 – 4:00 p.m. REGISTRATION AND CHECK-IN (2nd Floor Concourse)

4:00 – 5:30 p.m. *Session I: The Future Of Cancer Research

(CME Eligible)

Session Co-Chairs: Bryan Smith, Ph.D., & Shyam Nyati, Ph.D.

4:00 – 4:23 p.m. **The Healthcare Internet of Humans: One Possible Future for Healthcare**
Paul Browne, Henry Ford Health

4:23 – 4:45 p.m. **Bridging Kingdoms: Living Cellular Devices for Combination Cancer Immunotherapy**
Christopher Contag, Ph.D., Michigan State University

4:45 – 5:07 p.m. **Moonshots and Microchips**
Scott Dulchavsky, M.D., Ph.D., Henry Ford Health

5:07 – 5:30 p.m. **The Good, The Bad, The Glitchy of AI in Cancer Diagnostics**
Adam Alessio, Ph.D., Michigan State University

CME Portion ends, non-CME activity begins

5:30 – 7:00 p.m. NETWORKING AND REFRESHMENTS

6:00 – 6:15 p.m. Opening Remarks

Norman Hubbard, MBA

Henry Ford + MSU President and MSU Health Sciences Senior Vice President

Adnan Munkarah, M.D.

Henry Ford + MSU Board Member and Henry Ford Health Care Delivery System President and Chief Clinical Officer

Steven Kalkanis, M.D.

Henry Ford + MSU Board Member and JOC Committee Chair, Henry Ford Hospital Executive Vice President and CEO, and Henry Ford Medical Group CEO

6:15 – 7:00 p.m. Henry Ford + MSU Cancer Research Leadership Panel Discussion

Jeffrey MacKeigan, Ph.D.

Henry Ford + MSU Cancer Committee Co-chair and Michigan State University Office of Research and Innovation Senior Advisor

Benjamin Movsas, M.D.

Henry Ford + MSU Board Member and Cancer Committee Co-Chair, and Henry Ford Cancer Medical Director and Henry Ford Department of Radiation Oncology Chair

Derek Raghavan, M.D., Ph.D.

Henry Ford + MSU Senior Strategic Advisor

FRIDAY, NOVEMBER 7, 2025

2nd Floor | Ballroom, MSU Union

7:00 – 8:30 a.m. BREAKFAST, REGISTRATION & CHECK-IN (2nd Floor Concourse)

8:30 – 9:00 a.m. One Team One Health (Session Chair Dohun Pyeon, Ph.D.)

Kimberly Dodd, Ph.D.

MSU Dean of College of Veterinary Medicine

9:00 – 10:00 a.m. *Keynote Speaker: Immunological Considerations of Radioligand Therapy: Targeting the 4lg Isoform of B7H3 (Session Chair Anna Moore, Ph.D.)
(CME Eligible)

David Piwnica-Worms, M.D., Ph.D.

Department of Cancer Systems Imaging and Division of Diagnostic Imaging Chair at the University of Texas MD Anderson Cancer Center

10:00 – 10:10 a.m. BREAK

10:10 – 11:10 a.m. *Session II: Current Cancer Research

(CME Eligible)

Session Co-Chairs Kurt Zinn, D.V.M., Ph.D., and Benjamin Rybicki, Ph.D.

10:10 – 10:25 a.m. Immunotherapy Targeting Virus-induced Cancer Immune Evasion

Dohun Pyeon, Ph.D., Michigan State University

10:25 – 10:40 a.m. Radiopharmaceuticals for Imaging and Therapy

Carolina de Aguiar Ferreira, Ph.D., Michigan State University

10:40 – 10:55 a.m. Self-identified Black/African Ancestry (AA) and White/European Ancestry (EA) CRC Samples

Brian Theisen, M.D., Henry Ford Health

10:55 – 11:10 a.m. Histotripsy-activated Controlled Drug Release and Release Monitoring From Nanomaterials to Eradicate Residual Liver Cancer Cells

Bryan Smith, Ph.D., Michigan State University

11:10 – 11:20 a.m. BREAK

11:20 – 12:20 p.m. *Session III: Clinical Trials and Drug Discovery

(CME Eligible)

Session Co-Chairs: Daniel Isaac D.O., & Fawzi Abu Rous M.D.

11:20 – 11:40 a.m. Overview of Phase 1 Clinical Trial Program at Henry Ford Cancer Institute

Amy Weise, D.O., Henry Ford Health

11:40 – 12:00 p.m. HDAC3 as a Therapeutic Target in Langerhans Cell Histiocytosis: From Bench to Bedside

Qing-Sheng Mi, M.D., Ph.D., Henry Ford Health

12:00 – 12:20 p.m. Repurposing with Purpose: DFMO (Eflornithine) Treatment for Pediatric Neuroblastoma and Bachmann-Büpp Syndrome

Andre Bachmann, Ph.D., Michigan State University

FRIDAY, NOVEMBER 7, 2025

2nd Floor | Ballroom, MSU Union

12:20 – 2:00 p.m. **LUNCH** (2nd Floor Concourse)
(non-CME)

POSTER SESSION (3rd Floor Rooms and non-CME)

2:00 – 3:00 p.m. ***Keynote Speaker: Translating AI-Driven Multimodal Integrative Analysis Into the Clinic** (CME Eligible)
(CME Eligible)

(Session Chair Jeffrey MacKeigan, Ph.D.)

David Craig, Ph.D.

Department of Integrative Translational Sciences Professor and Chair City of Hope Duarte Cancer Center

3:00 – 3:15 p.m. **BREAK**

3:15 – 4:45 p.m. ***Session IV: Emerging and Cutting-edge Research**
(CME Eligible)

Session Co-Chairs: Kathleen Gallo, Ph.D., and Qing-Sheng Mi, M.D., Ph.D.

3:15 – 3:33 p.m. **Outbred Models of HER2+ Breast Cancer Identify Genes Responsible for Tumor Growth and Treatment Response**

Jennifer Jacob, Ph.D., Michigan State University

3:33 – 3:51 p.m. **Intrinsic Relationship Between Substance Use and Head and Neck Cancer: New Insights From Genetic Epidemiology Analysis**

Hongsheng Gui, Ph.D., Henry Ford Health and Xiaoyu Liang, Ph.D., Michigan State University

3:51 – 4:09 p.m. **Rate of Memory Change Before and After a Cancer Diagnosis: A Cross-National Comparison of Cancer Survivors in the United States and England**

Ashly Westrick, Ph.D., Henry Ford + MSU

4:09 – 4:27 p.m. **Advanced MRI for the Hidden and Evolving Margins of Glioblastoma**

Eric Mellon, M.D., Ph.D., Henry Ford + MSU

4:27 – 4:45 p.m. **Characterizing Tumor Interstitial Fluid in Pancreatic Cancer to Improve Early Diagnosis**

Ralph Francescone, Ph.D., Henry Ford Health

4:45 – 5:00 p.m. **CLOSING REMARKS**

Benjamin Rybicki, Ph.D., Henry Ford Health

***All scientific talks and keynote speaker sessions will be eligible for continuing medical education credits. More information forthcoming.**

ACCREDITATION STATEMENT:

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 provider ship of Henry Ford Health and Michigan State University Health Sciences. Henry Ford Health is accredited by the ACCME to provide continuing medical education for physicians.

DESIGNATION STATEMENT:

Henry Ford Health designates this live course for a maximum of 7.75 AMA PRA Category 1 Credit(s) TM. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

FACULTY/PLANNING COMMITTEE DISCLOSURE STATEMENT:

In compliance with the ACCME Standards for Integrity, all individuals in control of educational content of this activity are required to disclose all financial interests of their own with any ACCME defined ineligible companies for the past 24 months and/or non-FDA approved use of a drug or a device that is included in the presentation. All relevant financial relationships have been mitigated prior to the commencement of the activity.

ACCESSIBILITY STATEMENT:

Henry Ford Health provides qualified interpreters and other aids for Deaf, DeafBlind, and Hard-of-Hearing persons at no cost. To request assistance, contact the CME Specialist: Tina Miller at cmille26@hfhs.org. Please allow a minimum of 3 days to process this request.