

Course Directors

Bachir Taouli, MD, MHA
Miriam Merad, MD, PhD

Co-Directors

Zahi A. Fayad, PhD
Giuseppe Petralia, MD

Visualizing Longevity:

Whole-Body Imaging and the Science of InflammAging

LIVE ACTIVITY

October 15 - 16, 2026

Davis Auditorium

1470 Madison Avenue, 2nd Floor
New York, NY 10029

<https://mssm.cloud-cme.com/WBI26>



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Day 1: Thursday, October 15, 2026

The Big Picture: Mastering Whole-Body MRI

TIME (Eastern)	PRESENTATION	SPEAKER(S)
08:00 – 08:45 AM	Registration & Breakfast	
08:45 – 09:00 AM	Welcome and Opening Remarks	Brendan G. Carr, MD, MS Bachir Taouli, MD, MHA Giuseppe Petralia, MD
09:00 – 10:45 AM	Session I: Vision 2030: The Past, Present, and Future of Whole-Body MRI Moderator: Giuseppe Petralia, MD	
09:00 – 09:15 AM	Applying WB-MRI: A Practical Guide to Indications and Current Evidence	Bachir Taouli, MD, MHA
09:15 – 09:30 AM	WB-MRI Controversies	Neil Rofsky, MD
09:30 – 09:45 AM	Technical Specifications for Superior WB-MR	Paul Summers, PhD
09:45 – 10:00 AM	Intelligent Imaging: AI in the WB-MRI Pipeline	Dow Mu Koh, MD
10:00 – 10:15 AM	The Expanding Role of AI in Whole-Body MRI	Xueyan Mei, PhD
10:15 – 10:45 AM	Round Table Discussion and Q&A	
10:45 – 11:15 AM	Coffee Break	
11:15 – 12:30 PM	Session II: Evidence-Based Oncology: Case-Driven Review of WB-MRI Moderator: Bachir Taouli, MD, MHA	
11:15 – 11:30 AM	Opportunistic Cancer Detection: ONCO-RADS	Giuseppe Petralia, MD
11:30 – 11:45 AM	Myeloma Imaging: MY-RADS	Mickael Tordjman, MD
11:45 – 12:00 PM	Metastatic Disease: MET-RADS	Oguz Akin, MD
12:00 – 12:30 PM	Round Table Discussion and Q&A	
12:30 – 02:00 PM	Lunch Break	
12:45 – 1:45 PM	Industry Symposium (NON-CME) Seminar Room A	
02:00 – 03:30 PM	Session III: Imaging Longevity: The Next Frontier Moderator: Zahi Fayad, PhD	
2:00 – 2:15 PM	The Data-Driven Clinician: Integrating Imaging, Omics, and Digital Health	Zahi A. Fayad, PhD
2:15 – 2:30 PM	CT and Plaque Imaging	Leslee J. Shaw, PhD
2:30 – 2:45 PM	Imaging the Aging Brain	Amish Doshi, MD
2:45 – 3:00 PM	The Cornell Protocol: Starting Your WB-MRI Program	Preethi Guniganti, MD
3:00 – 3:30 PM	Round Table Discussion and Q&A	
3:30 – 03:45 PM	Coffee Break	
03:45 – 04:45 PM	Session IV: Longevity Experience – Mount Sinai Health System Moderator: Amish Doshi, MD	
03:45 – 4:00 PM	Pushing the Limits Responsibly: Balancing Innovation and Evidence in an Academic Clinical Healthspan Program	Deborah Korenstein, MD, FACP
4:00 – 4:15 PM	The Mind-Heart Connection: Cultivating a Life Well-Lived	Anu Lala, MD
4:15 – 4:45 PM	Round Table Discussion and Q&A	
04:45 – 05:00 PM	Closing Remarks and Introduction of Day 2	Evan Flatow, MD Zahi A. Fayad, PhD Miriam Merad, MD, PhD

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Day 2: Thursday, October 15, 2026

InflammAging: From Aging Hallmarks to Diagnosis and Therapeutic Intervention

TIME (Eastern)	PRESENTATION	SPEAKERS
08:00 – 08:15 AM	Registration & Breakfast	
08:15 – 8:30 AM	Welcome & Framing Remarks: InflammAging as a Shared Immune Thread Linking Aging, Chronic Disease, and Loss of Tissue Resilience	Miriam Merad, MD, PhD Vera Gorbunova, PhD
8:30 – 09:45 AM	Session I – Core mechanisms of Immune Aging Moderator: Vera Gorbunova, PhD	
08:30 – 08:55 AM	How to Die Young at a Very Old Age	Nir Barzilai, MD
08:55 – 09:20 AM	Losing Identity and the Inflammatory Response	Luigi Ferrucci, MD, PhD
09:20 – 09:45 AM	Immune Aging Measured One Cell at a Time	Anis Larbi, MSc, PhD
09:45 – 10:40 PM	Session II – Measuring InflammAging Moderator: Filip Swirski, PhD	
09:45 – 10:10 AM	Understanding Immune Aging in Blood & Tissues at a Single-Cell Resolution	Maxim N. Artyomov, PhD
10:10 – 10:25 AM	Immuno-Vascular Drivers of Brain Aging	Fanny M. Elahi, MD, PhD
10:25 – 10:40 AM	Measuring Immune Performance Across Aging	Erik Wambre, PhD, MBE
10:40 – 11:10 AM	Coffee Break	
11:10 – 12:50 PM	Session III – Chronic Innate Sensing, Senescence, and InflammAging Moderator: Nicolas Vabret, PhD	
11:10 – 11:35 AM	LINE1 transposons driving InflammAging and reproductive aging	Vera Gorbunova, PhD
11:30 – 11:55 PM	Connecting Activation of Retrotransposons with InflammAging	John Sedivy, PhD
11:55 – 12:20 PM	Targeting Retroelements to Mitigate Fibrosis	Nader Yatim, MD, PhD
12:20 – 12:25 PM	Reprogramming of Stem Cells and Niches from Regeneration to Cancer Initiation	Joo-Hyeon Lee, PhD
12:25 – 12:50 PM	Initiation	
12:50 – 01:45 PM	Lunch Break	
01:45 – 03:00 PM	Session IV – Hematopoiesis and Aging Moderator: Saghi Ghaffari, MD, PhD	
01:45 – 02:10 PM	Aging Blood from the Inside Out: How Megakaryocytes Shape Aging of the Hematopoietic System	Sandra Pinho, PhD
02:10 – 02:35 PM	Charting Somatic Evolution through Human Lifespan	Dan Landau, MD, PhD
02:35 – 03:00 PM	The Impact of Immune Senescence on the Interorgan Communication of Aging	Matthew Yousefzadeh, PhD
03:00 – 03:15 PM	Coffee Break	
03:15 – 04:30 PM	Session V – Macrophage and Tissue Aging Moderator: Alison Goate, DPhil	
03:15 – 03:40 PM	Metabolic Control of Resident - Tissue Macrophages in Aging	Daniel Puleston, PhD
03:40 – 04:05 PM	Macrophage Renewal Failure in Skin Aging	Mesa Kai, PhD
04:05 – 04:30 PM	Checkpoints of InflammAging	Vishwa D. Dixit, DVM, PhD
04:30 – 05:30 PM	Therapeutic Targeting of InflammAging (NON-CME) Moderator: Jordan Schlain, MD	Panelists: Louis DePalo, MD Thomas Marron, MD, PhD
05:30 PM	Closing Remarks	Miriam Merad, MD, PhD

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Faculty

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Faculty Disclosure Policy

It is the policy of the Icahn School of Medicine at Mount Sinai to ensure objectivity, balance, independence, transparency, and scientific rigor in all accredited CE educational activities. All individuals in control of content of an activity accredited by ISMMS are expected to disclose all their financial relationships with ineligible companies existing within the prior 24 months. Relevant financial relationships are mitigated and disclosed to learners before the activity takes place. All relevant financial relationships have been mitigated.

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Faculty

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Overview

Course Overview

Join leading experts for a groundbreaking two-day CME conference exploring the future of healthy aging through advanced imaging and translational science. Visualizing Longevity: Whole-Body Imaging and the Science of InflammAging brings together pioneers in radiology, oncology, cardiology, neuroscience, immunology, and longevity medicine to examine how whole-body MRI and emerging biomarkers are reshaping early detection, risk stratification, and personalized prevention strategies.

Day 1 focuses on the clinical and technical evolution of whole-body MRI, featuring evidence-based applications in cancer detection, myeloma, metastatic disease, cardiovascular risk, brain aging, and AI-enhanced imaging workflows. Day 2 explores inflammaging, the chronic low-grade inflammation that drives aging and age-related disease – through sessions on immune aging, diagnostics, senescence, hematopoiesis, tissue resilience, and therapeutic intervention. Attendees will gain practical insights into cutting-edge tools and interdisciplinary approaches that are redefining longevity care.

Learning Objectives

Describe recent advances in reproductive endocrinology, fertility preservation, recurrent pregnancy loss, oncofertility, LGBTQIA+ family-building, genetics, and mental health in fertility care, and when they should be appropriately utilized.

Apply diagnostic criteria and appropriate workup strategies for common REI presentations, improving diagnostic confidence and preparedness to manage these cases in practice.

Interpret results of reproductive hormone testing and integrate evidence-based fertility guidelines into clinical decision-making to ensure timely and appropriate referrals for specialized care

Target Audience

Allergy/Immunology, Cardiovascular Disease, Dermatology, Diagnostic Radiology, Family Practice, General Practice, Geriatric Medicine, Internal Medicine, Nursing, Nutritionist, Oncology, Radiology

Accreditation

The Icahn School of Medicine at Mount Sinai is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation

The Icahn School of Medicine at Mount Sinai designates this live activity for a maximum of 11.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Verification of Attendance

Verification of attendance will be provided to all professionals.

Special Needs

The Icahn School of Medicine at Mount Sinai is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you require special accommodations, email the Office of CME at cme@mssm.edu.

Parking & Directions

Parking is available on East 99th Street between Madison and Park Avenue.
Directions: www.ichan.mssm.edu/about/visiting

Hotel

If you would like assistance with hotel arrangements, please contact our Housing Manager, Denise Newman by email: dnew229@aol.com or call 347-236-7181.

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Course Location

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Online Registration

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Course Registration Rates

Daily Rate

Non MSSM Physicians - \$100/Day

MSSM Physicians - \$75/Day

MSSM Residents/Nurses/Fellows/
Students/Postdocs - Complimentary

Full Conference

Non MSSM Physicians - \$175

MSSM Physicians - \$125

MSSM Residents/Nurses/Fellows/
Students/Postdocs - Complimentary

Course Information

Email: cme@mssm.edu

Cancellation Policy:

All refund and cancellation requests must be emailed to the CME office at cme@mssm.edu by Friday, October 2, 2026. Cancellations after this date are not eligible for a refund. An administrative fee of \$50 will be deducted from your refund. No refunds will be issued for registration fees that are equal or less than \$50.