

Course Directors

Scott L. Friedman, MD

Dean for Collaborative Research
and Partnerships
Fishberg Professor of Medicine
Professor of Pharmacologic
Sciences
Director, Center for Liver Research
Icahn School of Medicine
at Mount Sinai
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Meena B. Bansal, MD, FAASLD

Professor of Medicine
System Chief, Division of Liver
Diseases
Director, MASLD/MASH Center
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Icahn School of Medicine
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New York, NY

Bruno Cogliati, DVM, PhD

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Shruti Naik, PhD

Associate Professor, Director,
Colton Center for Autoimmunity
Department of Immunology and
Immunotherapy
Department of Dermatology
Department of Stem Cell Biology
and Regenerative Medicine
Icahn School of Medicine
at Mount Sinai
New York, NY

1st Mount Sinai Symposium on

Liver Fibrosis & Hepatic Stellate Cells

*Celebrating 150 Years of the First
Description of Hepatic Stellate Cells (1876)*

Friday, December 4, 2026

8:30am to 5:00pm EST

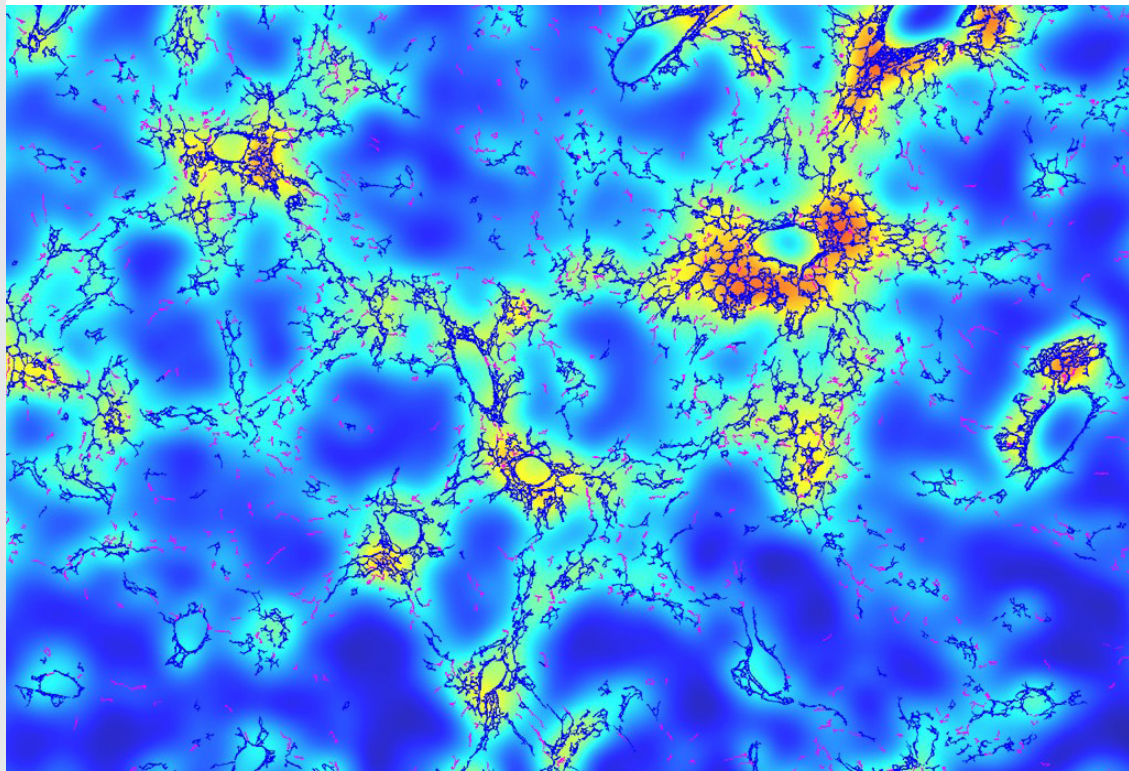
Davis Auditorium

1470 Madison Avenue

New York, NY 10029

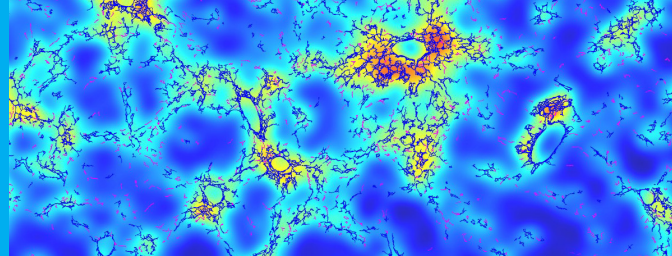
Provided by

Department of Medicine, Division of Liver Diseases,
Icahn School of Medicine at Mount Sinai



<https://mssm.cloud-cme.com/26LiverFibrosis>

1st Mount Sinai Symposium on Liver Fibrosis & Hepatic Stellate Cells



Program Goal

The meeting features an exceptional lineup of globally recognized experts, including keynote lectures from pioneers in fibroblast biology, mechanotransduction, organoid modeling, and translational liver fibrosis research. The program spans state-of-the-art topics such as cellular heterogeneity, spatial multi-omics, AI-enabled pathology, fibroinflammatory niches, and emerging anti-fibrotic therapies, with technology demonstrations and an interactive panel. Designed to foster cross-disciplinary exchange, this timely conference offers scientists and physician-scientists an unparalleled opportunity to engage with transformative ideas shaping the future of liver fibrosis biology and therapy.

Program Objectives

1. Review the historical evolution and current understanding of hepatic stellate cells and their role in liver fibrosis.
2. Examine hepatic stellate cell heterogeneity, plasticity, and mechanobiology across chronic liver disease states.
3. Describe the cellular, immunologic, and stromal mechanisms linking fibrosis to inflammation and hepatocellular carcinoma.
4. Evaluate emerging technologies, including spatial multi-omics, AI-based pathology, SHG imaging, and MRE, for fibrosis assessment.
5. Discuss current and future antifibrotic therapeutic strategies, including cellular-based approaches and translational trial design.

Primary Audience

Primary Audience: Researchers, Physician Scientists, Hepatologists and Gastroenterologists.

Accreditation Statement:

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 6.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Verification of Attendance

Will be provided to all professionals

Meeting Location

Main Session:
Davis Auditorium
1470 Madison Avenue at 100th Street,
New York, NY 10029

Conference Information

For further information email:
cme@mssm.edu

Online registration at:
<https://mssm.cloud-cme.com/26LiverFibrosis>

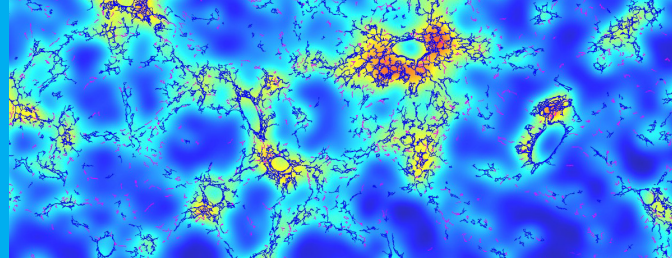
Special Needs

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 any special accommodations, please contact The Page and William Black Post-Graduate School at cme@mssm.edu.

Registration Fees

Non-Mount Sinai Health System Physicians/Faculty	\$50.00
Industry Representatives	\$150.00
Allied Health Professionals	Complimentary
Trainees, Students, Residents, Postdocs, Fellows	Complimentary
MSHS Physicians	Complimentary

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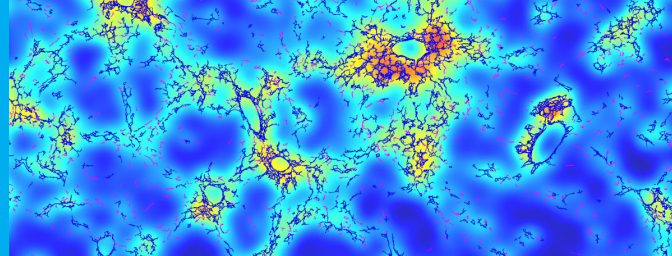
AGENDA

Morning Session – Basic Science

08:30–09:00 AM	Registration and Breakfast
09:00–09:10 AM	Opening Remarks Meena B. Bansal, MD
09:10–09:40 AM	From Sternzellen to HSCs: 150 years of discovery Scott L. Friedman, MD
09:40–10:10AM	HSC heterogeneity, plasticity, and fates across disease states Robert Schwabe, MD
10:10–10:50	Keynote Lecture: Biology of mechanosensitive fibroblasts Michael T. Longaker, MD, MBA
10:50–11:10AM	Coffee Break
11:10–11:30AM	Fibrogenic memory in chronic liver disease Shuang (Sammi) Wang, PhD
11:30–11:50AM	The Fibrosis–Cancer axis: how stromal microenvironments drive liver cancer Daniela Sia, PhD
11:50 AM–12:10 PM	The Fibroinflammatory niche: hot versus cold liver fibrosis Bruno Cogliati, DVM, PhD
12:10–12:30 PM	Immunology of tissue repair Shruti Naik, PhD
12:30–1:30 PM	Lunch / Poster Session & NON-CME Workshops

Afternoon Session – Clinical & Translational Science

1:30 - 2:10 PM	Keynote Lecture: Interrogating Early Liver Fibrosis with Human Steatohepatitis Model Takanori Takebe, MD, PhD
2:10–2:40 PM	Spatial multi-omics and AI for fibrosis research Prakash Ramachandran, BSc, MRCP, MBChB, PhD
2:40-3:10 PM	Emerging cellular-based anti-fibrotic therapies Charlotte Scott, PhD
3:10 – 3:30PM	Lessons from clinical trials Meena B. Bansal, MD
3:30 – 3:50PM	Coffee Break
3:50 - 4:30 PM	Future directions in fibrosis biology and treatment Neil Henderson, MD, PhD
4:30 – 5:00PM	Translational Panel Discussion



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and Regenerative Medicine
Icahn School of Medicine at Mount Sinai
New York, NY

Guest Faculty

Neil Henderson, MD, PhD

Professor of Tissue Repair
and Regeneration
Centre for Inflammation Research
Institute for Regeneration and Repair
University of Edinburgh
Edinburgh, UK

Michael T. Longaker, MD, MBA, DSc (hon), FACS, FRCSI (hon)

Deane P. and Louise Mitchell
Professor and Vice Chair
Co-Director, Stanford Institute for
Stem Cell Biology and Regenerative
Medicine, Emeritus
Director, Program in Regenerative
Medicine, Emeritus
Professor, by Courtesy, of Bioengineering
Professor, by Courtesy, Department of
Materials Science and Engineering
Stanford University
Stanford, California

Prakash Ramachandran, BSc(Hons), MRCP(UK), MBChB, PhD

Professor of Experimental Hepatology
MRC Senior Clinical Fellow
Honorary Consultant Hepatologist
University of Edinburgh Centre for
Inflammation Research
Institute for Regeneration and Repair
Edinburgh BioQuarter
Edinburgh, UK

Robert Schwabe, MD

Professor of Medicine
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and Liver Disease Research Center
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Columbia University
New York, NY

Charlotte Scott, PhD

VIB Group Leader
Professor WE14 Faculty of Sciences
VIB-UGent
Center for Inflammation Research
Ghent, Belgium

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Assistant Professor, UC Department
of Pediatrics
Division of Gastroenterology,
Hepatology and Nutrition & Division
of Developmental Biology
Cincinnati Children's Hospital
Cincinnati, OH

Icahn School of Medicine at Mount Sinai Faculty

Daniela Sia, PhD

Associate Professor
Liver Division, Department of Medicine
Tisch Cancer Institute
Icahn School of Medicine at Mount Sinai
New York, NY

Shuang (Sammi) Wang, PhD

Assistant Professor of Medicine
Division of Liver Diseases
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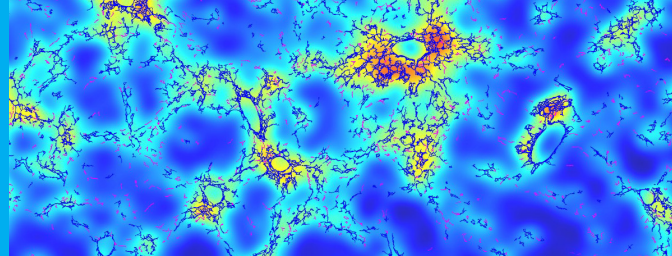
Planning Committee

Andrea Branch, PhD

Professor, Department of Medicine,
Division of Liver Diseases
Icahn School of Medicine at Mount Sinai
New York, NY

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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Register Online:

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Cancellation Policy

All refund and cancellation requests must be emailed to the CME office at cme@mssm.edu by Friday, November 27, 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 to or less than \$50.

For conference information please email the Office of CME at cme@mssm.edu



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The Page & William Black Post-Graduate School
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