MOUNT SINAI LIVER CANCER PROGRAM

17TH ANNIVERSARY

## **FULLY LIVE ONSITE ACTIVITY**

# LIVER CANCER:

Updated Review of Clinical Management and Translational Science FRIDAY, DECEMBER 16, 2022

#### **PROGRAM**

8:30 - 9:00AM	Registration
9:00 – 9:10	Welcome and Opening Ramon Parsons, MD, PhD, Director, Tisch Cancer Institute. Ward-Coleman Chair in Cancer Research. Director, Mount Sinai Cancer, Mount Sinai Health System Chair, Department of Oncological Sciences
9:10 - 9:40	Achievements of Mount Sinai Liver Cancer Program 2005 - 2022 Josep M. Llovet, MD, PhD, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases
9:40 – 10:20	HANS POPPER LECTURE: Introduction: Josep M. Llovet, MD, PhD, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases
	Inflammation, NASH and HCC Mathias Heikenwaelder, MD, PhD Division of Chronic Inflammation and Cancer, German Cancer Research Center (DKFZ), Heidelberg
10:20 - 10:40AM	Coffee Break
10:40 – 12:00pm	EARLY LIVER CANCER Chairman: Myron E. Schwartz, MD, Clinical Director, Mount Sinai Liver Cancer Program, Director of Liver Surgery, Recanati/Miller Transplantation Institute
10:40 - 11:00	Molecular pathology of HCC Swan Thung, MD, Pathology, Molecular & Cell Based Medicine, Mount Sinai Liver Cancer Program
11:00 – 11:20	Imaging for early detection of HCC Bachir Taouli, MD, MS, Department of Radiology, Translational and Molecular Imaging Institute (TMII)
11:20 – 11:40	How surgical approaches might change with neoadjuvant/adjuvant immunotherapy in HCC Myron E. Schwartz, MD, Clinical Director, Mount Sinai Liver Cancer Program, Director of Liver Surgery, Recanati/Miller Transplantation Institute
11:40 – 12:00	SBRT approaches for early HCC Michael Buckstein, MD, PhD, Associate Professor, Department of Radiation Oncology
12:00 - 12:30PM	Lunch Break
12:30 – 2:00PM	INTERMEDIATE & ADVANCED LIVER CANCER Chairman: Josep M. Llovet, MD, PhD, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases
12:30 - 12:50	Role of TARE in the management of HCC Edward Kim, MD, Director of Interventional Oncology, Professor of Radiology and Surgery, Director, Interventional Oncology, Mount Sinai Liver Cancer Program

12:50 - 1:10	New flowchart for molecular and immune therapies for advanced HCC Josep M. Llovet, MD, PhD, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases	
1:10 – 1:30	Update on biomarkers of response to systemic therapies Augusto Villanueva, MD, PhD, Mount Sinai Liver Cancer Program, Division of Liver Diseases	
1:30 – 2:00	First in human trials for neoadjuvant and advanced liver cancer Thomas Marron, MD, PhD, Assistant Director of Immunotherapy and Early Phase Trials, Tisch Cancer Institute, Department of Hematology and Medical Oncology	
2:00 - 2:20PM	Coffee Break	
BASIC /TRANSLATIONAL SCIENCE		
2:00 - 2:35PM	FLASH COMMUNICATIONS FROM YOUNG INVESTIGATORS Chairman: Scott Friedman, MD, Dean of Therapeutic Discovery, Co-Director Mount Sinai Liver Cancer Program	
2:00 – 2:05	Microbiome and HCC Marina Barcena-Varela, PhD, Lujambio Laboratory, Department of Oncological Sciences, Division of Liver Diseases, Tisch Cancer Institute, Mount Sinai Liver Cancer Program	
2:05 – 2:10	Translating single-cell to bulk RNA sequencing data to identify responders to checkpoint inhibition in advanced hepatocellular carcinoma Sarah Cappuyns, MD, Visiting Researcher Llovet Laboratory, Division of Liver Diseases, Mount Sinai Liver Cancer Program	
2:10 - 2:15	Cell based therapy of NASH/HCC Chittampalli Yashaswini, MD/PhD candidate, Friedman Laboratory, Division of Liver Diseases	
2:15 - 2:20	Macrophage diversity in Hepatocellular Carcinoma Pauline Hamon, PhD, Miriam Merad Laboratory, The Tisch Cancer Institute, Marc and Jennifer Lipschultz Precision Immunology Institute at Mount Sinai	
2:20 - 2:25	Targeting PRMT5 in hepatocellular carcinoma Elisa Arceci, PhD Candidate, Department of Oncological Sciences, Tisch Cancer Institute	
2:25 - 2:35	Primary Results From the Phase 3 LEAP-002 Study: Lenvatinib Plus Pembrolizumab Versus Lenvatinib as First-line Therapy for Advanced Hepatocellular Carcinoma Josep M Llovet, MD, PhD, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases	
2:35 - 2:45PM	Discussion	
2:45 – 4:05PM	PATHOGENESIS AND NOVEL TARGETS FOR THERAPIES Chairman: Samuel Waxman, MD, Distinguished Service Professor of Medicine, Department of Hematology and Medical Oncology, Department of Oncological Sciences	
2:45 - 3:05	Mechanisms of advanced fibrosis and implications for HCC Scott Friedman, MD, Dean of Therapeutic Discovery, Co-Director, Mount Sinai Liver Cancer Program	
3:05 - 3:25	Are MYC and Notch actionable targets in HCC? Amaia Lujambio, PhD, Department of Oncological Sciences	
3:25 - 3:45	Drug discovery for targeting Wnt signaling in HCC Ernesto Guccione, PhD, Department of Oncological Sciences	
3:45 – 4:05	Cholangiocarcinoma: Assessing drug combinations with checkpoint inhibitors  Daniela Sia, PhD, Mount Sinai Liver Cancer Program,  Division of Liver Diseases	
4:05pm	Closing Remarks	

## **PROGRAM DIRECTOR**

## JOSEP M. LLOVET, MD, PhD

Co-Director Mount Sinai Liver Cancer Program, Professor of Medicine, Division of Liver Diseases

## PROGRAM CHAIRS SCOTT FRIEDMAN, MD

Dean of Therapeutic Discovery, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases

#### MYRON E. SCHWARTZ, MD

Clinical Director, Mount Sinai Liver Cancer Program, Director of Liver Surgery, Recanati/Miller Transplantation Institute

#### SAMUEL WAXMAN, MD

Distinguished Service Professor of Medicine, Department of Hematology and Medical Oncology, Department of Oncological Sciences

## **GUEST FACULTY**

# MATHIAS HEIKENWAELDER, MD, PhD

Professor and Department Head, Chronic Inflammation and Cancer, German Cancer Research Center, Deutsches Krebsforschungszentrum (DKFZ) Heidelberg, Germany

# HOST FACULTY MICHAEL BUCKSTEIN, MD, PhD

Associate Professor, Department of Radiation Oncology

### SCOTT FRIEDMAN, MD

Dean of Therapeutic Discovery, Co-Director Mount Sinai Liver Cancer Program, Division of Liver Diseases

#### **ERNESTO GUCCIONE, PhD**

Department of Oncological Sciences

## **EDWARD KIM, MD**

Director of Interventional Oncology, Mount Sinai Liver Cancer Program Professor of Radiology and Surgery, Icahn School of Medicine at Mount Sinai

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Co-Director Mount Sinai Liver Cancer Program, Professor of Medicine, Division of Liver Diseases

#### AMAIA LUJAMBIO, PhD

Department of Oncological Sciences

## THOMAS MARRON, MD, PhD

Director, Early Phase Trials Unit, Tisch Cancer Institute, Department of Hematology and Medical Oncology

#### RAMON PARSONS, MD, PhD

Director, Tisch Cancer Institute, Ward-Coleman Chair in Cancer Research, Director, Mount Sinai Cancer, Mount Sinai Health System, Chair, Department of Oncological Sciences

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#### BACHIR TAOULI, MD, MS

Department of Radiology, Translational and Molecular Imaging Institute (TMII)

#### **SWAN THUNG. MD**

Pathology, Molecular & Cell Based Medicine, Mount Sinai Liver Cancer Program

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Mount Sinai Liver Cancer Program, Division of Liver Diseases

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Distinguished Service Professor of Medicine, Department of Hematology and Medical Oncology, Department of Oncological Sciences

## YOUNG INVESTIGATORS ELISA ARCECI. PhD Candidate

Department of Oncological Sciences, Tisch Cancer Institute

#### MARINA BARCENA-VARELA, PhD

Lujambio Laboratory, Department of Oncological Sciences, Division of Liver Diseases, Tisch Cancer Institute, Mount Sinai Liver Cancer Program

## SARAH CAPPUYNS, MD

Visiting Researcher Llovet Laboratory Division of Liver Diseases, Mount Sinai Liver Cancer Program

## PAULINE HAMON, PhD

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The Tisch Cancer Institute,
Marc and Jennifer Lipschultz Precision
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# CHITTAMPALLI YASHASWINI, MD/PhD Candidate

Friedman Laboratory, Division of Liver Diseases