



Liver Metastasis Research Network
Annual Meeting
June 3-6, 2025; Crete, Greece

Organizer : Drs. Peter Metrakos & Anthoula Lazaris

<p style="text-align: center;">Tuesday 3rd of June</p>	
13:15-13:45	Registration and Welcome
13:45-14:00	Opening Remarks: Peter Metrakos & Constanine Stratakis
<p style="text-align: center;">Session 1: Surgical Treatment Chairperson: Kees Verhoef</p>	
14:00-14:45 (30 min)	KEYNOTE Overcoming TGF-beta mediated immune evasion in colorectal liver metastasis. <i>Daniele Tauriello</i>
Question period (10 min)	
14:45-15:00 (15 min)	ctDNA as a biomarker for predicting recurrence in CRLM <i>Jennifer Kalil, McGill University Health Center</i>
Question period (5 min)	
15:05-15:20 (15 min)	The Atress phenomenon in patients with resectable metachronous CRLM <i>Mirche Ubink, Erasmus Medical Center</i>
Question period (5 min)	
15:25-15:40 (15 min)	Hepatic Parenchymal Disease: A Novel Outcome Predictor after resection of Colorectal Liver Metastasis <i>Oran Zlotnik, Tel Aviv, Israel</i>
Question period (5 min)	
15:45-16:15 (30 min)	Coffee Break
<p style="text-align: center;">Session 2 – Integrated Diagnostics Chair : Fernando Vidal-Vanaclocha</p>	
16:15-17:00 (30 min)	KEYNOTE Hepatic Metastasis Regulation Biomarkers for Integrated Diagnostics and Treatment Guidance <i>Fernando Vidal-Vanaclocha, The George Washington University, USA</i>
Question Period (10 min)	
17:00pm – 17:15 (15 min)	The Applicability of the GAME score in a Portuguese cohort <i>Rui Caetano, Coimbra, Portugal</i>
Question period (5 min)	
17:20-17:35 (15 min)	mFast-SeqS-based aneuploidy score as a prognostic marker in patients with resectable CRLM <i>Mirche Ubink, Erasmus Medical Center</i>
Question period (5 min)	
17:40-17:55 (15 min)	Teach yourself to score the histopathological growth patterns of liver metastases! The website. <i>Michail Doukas, Rotterdam, The Netherlands</i>
Question period (5 min)	
18:00 – 20:00	Welcome Drinks – Hotel Terrace

Wednesday 4th of June

Session 3 – Systemic treatment

Chair : Ali Majeed

8:30-9:10
(30 min)

KEYNOTE

Improving Survival of Patients with Colon Cancer Associated Liver Metastases with Systemic Therapy

Shiyam Kumar, Sheffield Teaching Hospitals , UK

Question Period (10 min)

9:10-9:25
(15 min)

The role of TGF- β in colorectal cancer liver metastases

Anastasia Tsatoumas, McGill University, Canada

Question period (5 min)

9:30-9:45
(15 min)

Assessment of FAP/SMA modulation and tumor response after chemotherapy in a murine MC38 tumor model - A Pilot Study

Irina Vierasu, Hopital Universitaire de Bruxelles

Question period (5 min)

9:50-10:05
(15 min)

Delineating metabolic programs in colorectal cancer liver metastases

Charlotte Girondel, McGill University

Question period (5 min)

10:10-10:40
(30 min)

Coffee Break

Session 4 – Vessel Co-option in Liver Metastases

Chair : Anthoula Lazaris

10:40-11:10
(30 min)

KEYNOTE

Deciphering the Mechanism of Vessel co-option in CRCLM

Peter Metrakos, McGill University , MUHC

Question Period (10 min)

11:20-11:35
(15 min)

High-plex immunofluorescent staining and imaging to study coopted blood vessels and tumor-associated hepatocytes in replacement-type liver metastases in patients with colorectal cancer

Yasmine Sillis, Antwerp, Belgium

Question period (5 min)

11:40-11:55
(15 min)

The Molecular Mechanisms of Vessel Co-option by Liver Metastases

Amatzia Gantz, McGill University

Question period (5 min)

12:00-12:15
(15 min)

The spectrum of growth of liver metastases.

Alberto Ficarelli, Florence, Italy

Question period (5 min)

12:20-12:40

Panel Discussion :

Panelists : Peter Vermeulen, Kees Verhoef, Ali Majeed

12:40-14:00

Lunch Break

Session 5 – Biology of Histological Growth Patterns	
Chair : Peter Vermeulen	
14:00-14:30 (30 min)	KEYNOTE Tissue-specific mechanisms of cell competition drive primary and metastatic colorectal cancer <i>Saskia Suijkerbuijk Utrecht, The Netherlands</i>
Question Period (10 min)	
14:40-14:55 (15 min)	Deciphering the underlying biology of prognostic growth patterns in colorectal liver metastases with spatial transcriptomics <i>Sanne Verheul, Erasmus Cancer Institute</i>
Question period (5 min)	
15:00-15:15 (15 min)	Clotting Regulation in Liver Metastasis by E2F5 in a Mouse Model of Breast Cancer <i>Eran Andrechek, Michigan State University</i>
Question period (5 min)	
15:20-15:35 (15 min)	Characterization of Immune Cell Infiltrates and Immune Checkpoints in Primary Uveal Melanomas and Liver Metastases. <i>Raymond Barnhill, Institute Curie, France</i>
Question period (5 min)	
15:40-16:00	Discussions
20:00	Congress Dinner – ENVY
	Address: Leof. Sofokli Venizelou, Iraklio 713 03, Greece
<h2 style="text-align: center;">Thursday 5th of June</h2>	
Session 6 – Histological Growth Patterns	
Chair : TBC	
8:30-9:00 (30 min)	KEYNOTE Surgical Intelligence: Redefining Liver Resection in the Age of AI <i>Jonathan Delong, University of Tennessee Graduate School of Medicine</i>
Question period (10 min)	
9:10-9:25 (15 min)	Deep learning AI models based on triple chromogenic staining predict the HGP of colorectal liver metastases <i>Théo Fourrie, Augustinus, Antwerp</i>
Question period (5 min)	
9:30-9:45 (15 min)	Mathematically modelling the evolution of divergent histopathological growth patterns in Colorectal liver metastases <i>Xiaoyuan Liu, Scotland Institute</i>
Question period (5 min)	
9:50-10:05 (15 min)	Automated AI-Based Segmentation of Colorectal Liver Metastases: A Discovery Study on Histopathological Whole-Slide Images <i>Zhen Qian, Erasmus Cancer Institute Charlotte Girondel, McGill University</i>
Question period (5 min)	

10:10-10:45	Coffee Break
Session 7 – Tumor Microenvironment	
Chair : Peter Siegel & Pnina Brodt	
10:45-11:15 (30 min)	KEYNOTE Deciphering the complex microenvironment of liver metastasis: our journey Pnina Brodt, McGill University , MUHC, Montreal
Question Period (10 min)	
11:25-11:40 (15 min)	Cholangiocytes during liver metastasis initiation, friends or foes? <i>Kamyab Saberiseyedabad, VIB-KU Leuven</i>
Question period (5 min)	
11:45-12:00 (15 min)	Utilising Spatial Transcriptomics to Investigate Histological Growth Patterns in Colorectal Cancer Liver Metastasis <i>Luke McNickle, University of Glasgow</i>
Question period (5 min)	
12:05-12:20 (15 min)	CMT93 colorectal cancer cells represent a unique model of encapsulated and replacement type liver metastases <i>Sébastien Tabariès, McGill University, Canada</i>
Question period (5 min)	
12:25-14:00	Lunch Break
12:30 - 8:20 pm Cultural Activity – Knossos Archeological Site Highlight of Minoan civilization 12.30 Depart Creta Maris – Meeting point TBD 16:30 Arrival Creta maris. Transportation Included: Please make sure to arrive on time at meeting point The palace, 1st civilization of Europe the Minoan's Palace of Knossos stands as a groundbreaking achievement and a cornerstone of early European history. Home to the legendary figures of Ariadne and her mother Pasiphae, this luminous palace, with its 2,200 rooms, intricate hydraulic systems, and vibrant frescoes, reflects a thriving society deeply connected to nature and art. The famed Cretan Labyrinth symbolizes the complexity of Minoan culture, while a nearby cypress forest offers visitors a tranquil walking experience, leading to one of the island's earliest sanctuaries, encapsulating the essence of a civilization that flourished for over 5,000 years in harmony with its surroundings.	

Friday 6th of June

Session 8 – Precision Medicine and CRCLM

Chair : Peter Metrakos

8:30-9:00 (30 min)	KEYNOTE Precision Medicine in Greece: oncology (EDIMO) and beyond <i>Constantine A. Stratakis</i>
Question period (10 min)	
9:10-9:40 (30 min)	The state of management of colorectal liver metastasis in Greece <i>George Tzimas,</i>
Question period (10 min)	
9:45-10:05	Coffee Break
10:05 -10:20 (15min)	Dragon I and Dragon II updates TBC
Question period (5 min)	
10:25-10:40 (15min)	All common histopathological growth patterns can be identified in liver metastases of patients with non-colorectal-non-breast liver metastases in a nationwide study in the Netherlands <i>Carmen Woortman,</i>
Question period (5 min)	
10:40-11:55 (15 min)	Conclusion of Meeting Peter Metrakos & Constanine Stratakis
12:00-13:00	Business Meeting