



LIVER CENTER MINI-SYMPOSIUM

Innovations in Imaging: Hepatic and GI Immune Architecture in Health and Disease

FRIDAY, March 15, 2024

8:00 AM – 12:00 PM

N-217 (Nursing Building)

Goal: Defining hepatic and GI immune architecture in health and disease - Cell segmentation and identification including chemokines, cytokines, co-stimulatory molecules, and metabolic pathways.

8:00 AM

Jody Baron, MD, PhD (Professor, Medicine, UCSF)

Welcome and Introduction

8:10 AM

Michael Kattah, MD, PhD (Assistant Professor, Medicine, UCSF)

Overview of Imaging Platforms and Luminal GI Immunology Research

8:45 AM

Alexis Combes, PhD (Assistant Professor, Pathology, UCSF)

Comparison of Platforms Cosmx vs Xenium

9:15 AM

Robert Edward Schwartz, MD, PhD (Associate Professor, Medicine, Weill Cornell Medical College)

Imaging Mass Cytometry (IMC) and Cosmx - Transcriptome and Proteomic Approaches- Liver and Lung

Coffee Break 10:15 AM – 10:25 AM

10:25 AM

Bruce Wang, MD (Associate Professor, Medicine, UCSF)

RNAScope - Liver

10:40 AM

Jane Lee, PhD (Postdoctoral Scholar, Otolaryngology, UCSF)

Multiplexed Ion Beam Imaging (MIB) vs other Platforms

11:20 AM

Zoltan Laszik, MD, PhD (Professor, Pathology, UCSF)

Codex vs other Platforms

12:00 PM

Lunch & Networking (Nursing Mezzanine).