LIVER CENTER MINI-SYMPHOSIUM

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)