

Meeting Agenda and Schedule

Friday, April 12, 2024

Poster Session and Refreshments: BSB 6th floor Lobby

8:00 am: Registration, Poster set-up, coffee

8:20 am: Welcome and Introduction

Don Rockey, M.D.

Steve Duncan, D. Phil.

SESSION I:

8:30 am: **Mindy Engevik, Ph.D.**, Assistant Professor, Department of Regenerative Medicine & Cell Biology
"Altered expression of MUC5AC in the colon: insights from inflammatory bowel disease and Clostridioides difficile infection."

8:50 am: **Yuan Zhai M.D., Ph.D.**, Professor, Department of Surgery
"Group 1 innate lymphoid cells are cytoprotective in liver ischemia and reperfusion injury."

9:10 am: **Jorge Munera, Ph.D.**, Assistant Professor, Department of Regenerative Medicine & Cell Biology
"SATB2 regulates prostaglandin E2 levels and barrier integrity in human colorectal epithelial cells."

9:30 am: **Alexander Alekseyenko, Ph.D.**, Professor, Department of Public Health Sciences
"Multivariate Drift-Diffusion Framework (MD3F) captures the gut microbiome in the process of health associated critical change."

9:45 am: **BREAK & POSTER SESSIONS**

SESSION II:

10:45 am: **Aaron Hobbs, Ph.D.**, Assistant Professor, Department of Cell and Molecular Pharmacology
"Not all KRAS mutants are created equal: mutant-specific biophysical properties dictate cellular signaling."

11:05 am: **Silvia Guglietta, Ph.D.**, Assistant Professor, Department of Regenerative Medicine & Cell Biology
"Exploring unconventional pathways: the intriguing role of the complement system in the intestine."

11:25 am: **Caroline Kittrell, BS** (Drake Laboratory), Department of Cell and Molecular Pharmacology
"Establishing the N-glycome and immune cell landscape of chronic and acute pancreatitis."

KEYNOTE:

11:45 am: **Jacquelyn Maher, M.D., Ph.D.**, UCSF Liver Center
"Bringing coals to Newcastle: Population-based investigation of MASLD using iPSC-derived hepatocytes."

12:30 pm: **Closing Remarks**