



NIDDK P30 Center for Molecular Studies in Digestive and Liver Diseases Research Seminar



HARMEET MALHI, MBBS

Associate Professor
Mayo Clinic

"Lipotoxicity in NASH Pathogenesis"

Thursday, December 1, 2022
12:00 – 1:00 PM EST
901 Biomedical Research Building

Harmeet Malhi, MBBS, studies mechanisms of liver injury and inflammation in the context of nonalcoholic fatty liver disease. The cellular pathways of interest to Dr. Malhi's laboratory are endoplasmic reticulum stress and macrophage activation and their role in mediating liver injury and inflammation in nonalcoholic fatty liver disease.

Focus areas

- MicroRNAs in fatty liver disease. Dr. Malhi has identified microRNAs regulated by palmitate, a lipotoxic free fatty acid, and is characterizing the pathways regulated by these microRNAs.
- C/EBP homologous protein. Dr. Malhi is using complementary in vitro and genetic knockout models to study the endoplasmic reticulum stress-induced transcription factor C/EBP homologous protein in macrophage activation and cell death.
- Lipotoxic macrophage activation. Dr. Malhi is investigating the role of mediators of endoplasmic reticulum stress in lipotoxic macrophage activation.

The meeting will start promptly at 12:00 pm. Please be on time.