



# BiophysTO Lunchtime Seminar Series

Date

October 21<sup>st</sup> 2021  
12:00 – 1:00 pm

## Dr. Mamatha Bhat

Ajmera Transplant Program  
University Health Network

### A Systems Biology approach to improve long term outcomes after liver transplantation

Dr. Mamatha Bhat is a staff Hepatologist and clinician-scientist at UHN's Multi Organ Transplant Program and Assistant Professor at University of Toronto's Division of Gastroenterology & Hepatology. The goal of Dr. Bhat's research program is to enable a precision medicine approach to long-term complications after liver transplantation through a better understanding of their mechanistic basis. She has been specifically examining non-alcoholic steatohepatitis and hepatocellular carcinoma in the context of liver transplantation. Her research program employs a bench-to-bedside paradigm that connects clinical outcomes with basic research using bioinformatic analysis of 'omic datasets (e.g., transcriptomic, miRNA, methylation, intestinal microbiome) and machine learning tools..

**Host: Anton Zilman**

### Zoom Link:

<https://us02web.zoom.us/j/89407663380?pwd=OFBMczlhWVZKbUswQzk3VXNkLzhGdz09>



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