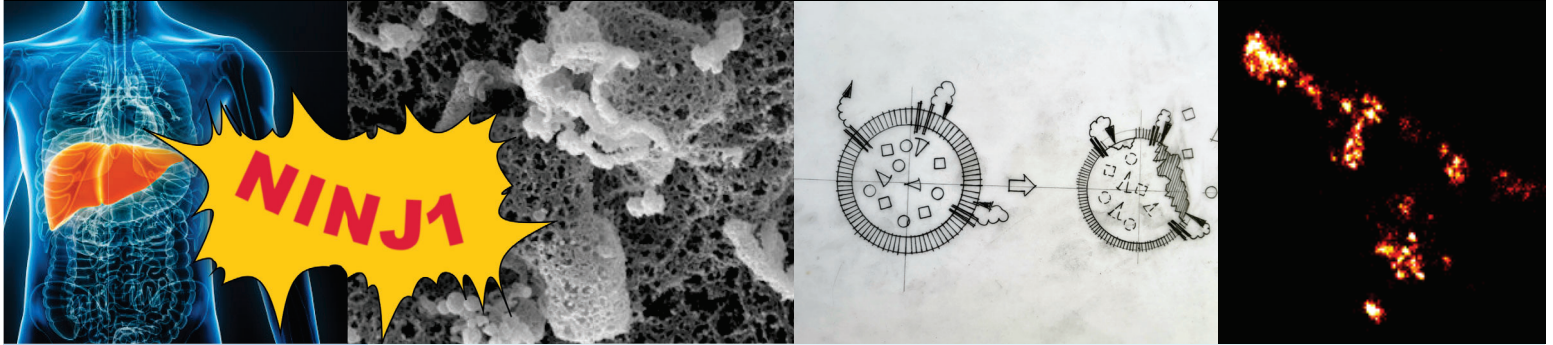


RESEARCH CONNECTIONS

A Research Institute seminar series showcasing scientists in different research programs or in basic and clinical research, including successful partnerships or thematically aligned studies. Each seminar is designed to highlight or stimulate the connections that lead to impactful discoveries.



Featured Speakers

BENJAMIN STEINBERG MD, PhD, FRCPC

Staff Anesthesiologist, Department of Anesthesia and Pain Medicine, Scientist, Neuroscience and Mental Health, The Hospital for Sick Children; Assistant Professor, Department of Physiology, University of Toronto.

BLAYNE SAYED MD, PhD

Staff Surgeon, Division of General and Thoracic Surgery, Surgical Lead of Paediatric Liver Transplantation, Associate Scientist, Program in Cell and Systems Biology, The Hospital for Sick Children and University Health Network; Assistant Professor, Department of Surgery, University of Toronto.

The ins, outs, and inhibition of NINJ1: Protecting against liver injury during transplant

NINJ1 is the terminal executioner of cell death pathways that culminate in plasma membrane rupture. Using clinical samples and preclinical models, we have been investigating how NINJ1 inhibition protects against liver injury during transplant. These translational studies are complemented by our investigation into the molecular mechanisms of NINJ1 activation and its mode of action. Together, our collaborative work aims to understand how cell death contributes to disease and develop strategies to preserve tissue integrity during solid organ transplantation.

Panel

Ori Scott, MD, PhD, FRCPC

Staff Physician, Division of Immunology & Allergy, Transition Clinician Scientist, Cell & Systems Biology, The Hospital for Sick Children.

Neil Goldenberg, MD, PhD, FRCPC

Staff Anesthesiologist, Department of Anesthesia and Pain Medicine, Scientist, Cell & Systems Biology, The Hospital for Sick Children; Assistant Professor, Departments of Anesthesia and Pain Medicine, Physiology, University of Toronto.