

Congratulations to the recipients of the Institute's trainees and student competition for 2023!

The Research Manitoba Masters and PhD Grant Competition, with support from CancerCare Manitoba Foundation, resulted in four Masters students and one PhD student.

Level	Category	Student	Supervisor	Project Title
Masters	Basic Biomedical	Olga Kuzmychova	Tanveer Sharif	Therapeutic targeting of metabolic adaptations to circumvent therapy resistance in glioblastoma.
Masters	Basic Biomedical	Deanne Nixie Miao	Britt Drogemoller	Mapping Gene Dysregulation in Cisplatin-Induced Ototoxicity at the Single-Cell Level.
Masters	Basic Biomedical	Tyler Anderson	Jody Haigh	Studying the synergistic role of IL-7/IL-7R and ZEB2 in solid tumor settings.
Masters	Basic Biomedical	Tim Rozovsky	Davinder Jassal	Is Empagliflozin equivalent and/or synergistic with ACE inhibition in the prevention of chemotherapy mediated cardiotoxicity?
PhD	Basic Biomedical	Diana Topolnitska	Afshin Raouf	The Immunobiology of Tumor-Adjacent Breast Tissue and Its Implication for Immunotherapy.

The CancerCare Manitoba Foundation Summer Student Awards had ten successful students in 2023.

Scientist	Student	Project Title
Kirk McManus	Lucas Lam	Identifying and targeting the molecular origins of cancer.
Marc Nachtigal	Yuliia Federova	Investigating the GAEL-induced cell killing mechanisms of action in ovarian cancer cells.
Joel Pearson	Diya Ukani	Therapeutically targeting the YAP/TEAD axis in small cell neuroendocrine cancers.
Jody Haigh	Tapan Utpal Prajapati	Understanding the role of Zeb2 in acute leukemia biology.
Geoff Hicks	Joanna Joe	ATM restoration reduces lymphoma and A-T outcomes.
Cedric Tremblay	Nada Alsattari	Utilizing CRISPR/Cas 9 gene editing to generate in vitro tools for screening of small molecule inhibitors of endocytosis.
James Johnston	Jane Maksimova	The interaction of inhibitors of the DNA Damage Response (DDR) pathway with venetoclax in chronic lymphocytic leukemia (CLL).
Steven Pistorius	Tyler Weselowski	Evaluation of a Portable Breast Microwave Imaging System.
Saeid Ghavami	Rosa Iranpour	Role of Cholesterol in Regulation of Temozolomide Chemo-resistance in Glioblastoma.
Sachin Katyal	Melissa Saleh	Novel DNA damage analysis methodology in 3-D tumorspheres identifies drug combinations that counteract treatment-resistant disease.