

Funding - Department of Laboratory Medicine Pathology - July 1, 2022 to June 30, 2023

Agency	PI On Project	Role	Internal Or External	Title Of Grant	Full Amount Awarded
National Institutes of Health	Jennifer Myznski	Co-investigator	External	Transfusion and Organ Dysfunction in Pediatric Septic Shock (TROPICS)	\$1,000,000.00
Private foundation	Carmen Charlton/ Micheal Mengel	Principal investigator	External	Is a third dose of MMRV vaccine beneficial for the adult population in Alberta?	\$168,000.00
Industry	Tyrrell, Gregory	Principal investigator	External	Analysis of invasive pneumococcal disease changes in Alberta from 2010 to 2022	\$275,190.00
Alberta Health	Pang, Xiaoli	Co-principal investigator	External	Pan-Alberta Framework for Monitoring and Predicting COVID-19 Through Wastewater Testing	\$3,400,000.00
Other	Vallance, B	Data analysis	External	Bacterial pathobionts subvert the intestinal mucus layer to promote Ulcerative Colitis	\$375,000.00
CIHR	Hawkes, Michael	co-PI	External	A phase 1 Clinical Trial of a Peptide-Based Group A streptococcal vaccine	\$268,333.00
Canadian Blood Services	Jason Acker	Supervisor	External	Preservation of red blood cells by the novel Isochoric Oil-sealing Supercooling System (CBS Zhao/Acker)	\$167,600.00
Hirsch Foundation	Jason Acker	Principal investigator	External	The use of ice recrystallization inhibitors (IRIs) and ex vivo lung perfusion to facilitate lung cryopreservation	\$50,000.00
PHAC	Tipples Graham	Co-Principle and program lead	External	Development of a Quant Studio Absolute Q Digital PCR system using the Absolute Q dPCR SARS-CoV-2 Wastewater.	\$506,536.00
Alberta Health	Pang, Xiaoli	Co-principal investigator	External	Localized node-based collection of wastewater samples for molecular monitoring of public health markers	\$398,250.00
Alberta Health	Hubert, Casey	Co-principal investigator	External	Genomic testing of wastewater to promote public health and safeguard economic performance	\$2,000,000.00
Kids with Cancer Society (Canada)	Leng, R.	PI	Internal	The role of Pirh2 in cancer.	\$60,000.00
Public Health Agency of Canada	Croxen, MA and Lynch, T	co-PI	External	Accelerating Alberta public health genomics: Enhancing laboratory-epidemiology data integration for public health genomics	\$897,953.00
Alberta Health	Le, X. Chris	Principal investigator	External	Analytical Techniques, Exposure Assessment, and Environmental Health (AHW 010837 Le)	\$589,540.00
AHS	Norman Neumann	Co-Principle Investigator	External	IMPROVING GOVERNMENT MANAGEMENT OF ALBERTAS WATER RESOURCES THROUGH A COMPREHENSIVE APPROACH TO MICROBIAL RISK MANAGEMENT - Developing and Enhancing Diagnostic Testing for Legionella pneumophila in Clinical and Environmental Water Samples	\$450,000.00
AstraZeneca Canada	Nohr, Erik	Co-Principal Investigator	External	Validation of liquid cytology specimens for provincial lung adenocarcinoma molecular biomarker workup	\$86,000.00
CIHR	Haji Reza, Parsin	Co-investigator	External	Next Generation Surgical Microscopes for Rapid Virtual Histopathology	\$654,076.00
Government of Canada	Carlos Cervera	Co-PI	External	Intracellular uropathogenic bacteria biofilm-like aggregates: A new paradigm in the pathophysiology of urinary tract infections	\$242,500.00
DHSCN	Carmen Charlton	PI	External	Improving diagnosis and access to care for individuals with hepatitis B virus infection	\$27,440.00
Canadian Institutes of Health Research	Jonathan Feld	Co-Investigator	External	Characterization of key aspects of a controlled human infection model (CHIM) for hepatitis C virus (HCV) infection	\$100,000.00
Alberta Innovates	Jason Acker	Principal Investigator	External	Enabling the cryopreservation of embryos from aquatic species using ice recrystallization inhibitors	\$40,000.00
PHAC	Tipples Graham	Co-Principle and program lead	External	Alberta Public Health Lab COVID wastewater surveillance	\$992,400.00
Terry Fox Research Institute (TFRI)	Lee, Cheng-Han	PI - sample accrument and data collection, sample preparation and analysis	External	Ovarian cancer cohort	\$90,000.00
NSERC	Le, X. Chris	Principal investigator	External	Ultrasensitive assays for specific DNA damage, mutations, and DNA-protein interaction	\$138,000.00
ISBT	Drews, SJ	Supervision, planning	External	Project funding	\$4,700.00