

LMP Faculty Name	Role	Agency	Internal or External	Title of Grant	Full Amount Awarded
Acker, Jason	Co-investigator	Canadian Institutes of Health Research (CIHR)	External	Sex MATTERS: Sex-MATched Transfusions to Effect Recipient Survival. A Pilot Randomized Controlled Trial	\$ 428,400.00
Acker, Jason	Principal investigator	Hirsch Foundation	External	The use of ice recrystallization inhibitors (IRIs) and ex vivo lung perfusion to facilitate lung cryopreservation	\$ 50,000.00
Acker, Jason	Co-investigator	National Institutes of Health	External	Transfusion and Organ Dysfunction in Pediatric Septic Shock (TROPICS)	\$ 1,000,000.00
Acker, Jason	Co-Investigator	Canadian Institutes of Health Research	External	Characterization of key aspects of a controlled human infection model (CHIM) for hepatitis C virus (HCV) infection	\$ 1,765,000.00
Acker, Jason	Principal Investigator	Alberta Innovates	External	Enabling the cryopreservation of embryos from aquatic species using ice recrystallization inhibitors	\$ 40,000.00
Acker, Jason	Co-Investigator	National Institutes of Health	External	Deep supercooling of red blood cells: Towards practical long-term storage	\$ 1,112,576.00
Acker, Jason	Co-I	Canadian Institutes of Health Research	External	Effects of donor-recipient sex-matched versus sex-mismatched red blood cell transfusion on outcomes in critically ill adult patients	\$ 2,084,624.00
Acker, Jason	PI	Canadian Blood Services	External	Hypothermic Storage as an Alternative to Irradiation of Red Cell Concentrates	\$ 30,000.00
Acker, Jason	Principal investigator	NSERC	External	Enabling the cryopreservation of embryos from aquatic species using ice recrystallization inhibitors (NSERC RGPIN-2020-04924 Acker)	\$ 165,000.00
Acker, Jason	Principal investigator	Canadian Institutes of Health Research	External	Enabling liver cryopreservation by controlling ice recrystallization with small molecule inhibitors (CIHR PS 175283 Acker)	\$ 600,524.00
Acker, Jason	PI of subward	NIH	External	ATR: targeting mechanical stress induced EMT and immune suppression in triple negative breast cancer (NIH: 1R01CA272602-01A1)	\$ 50,000.00
Bigras, Gilbert	co-PI	Department of Laboratory Medicine & Pathology, University of Alberta	Internal	Improving Breast Cancer Cell Classification (Tumour vs Non-Tumour) using QuPath software data extraction and neural networks	\$ 12,000.00
Bigras, Gilbert	co-PI	Astrazeneca	Internal	A proposal for a Digital Pathology Validation Study of Artificial Intelligence Algorrithm based Quantitation of HER2 & KI-67 biomarkers.	\$ 69,250.00
Carter, Jodi	co-PI	AstraZeneca	External	Proposal for digital pathology study to validate use of artificial intelligence algorithm-based digital quantitation of clinically-actionable breast biomarkers.	\$ 70,000.00
Carter, Jodi	Co-PI	Alberta Cancer Foundation	External	A patient-derived organoid platform for next-level breast cancer research	\$ 1,250,000.00
Charlton, Carmen	PI	Merck	Internal	Is a third dose of MMRV vaccine beneficial for the adult population in Alberta	\$ 173,973.00
Charlton, Carmen	PI	DHSCN	Internal	Improving diagnosis and access to care for individuals with hepatitis B virus infection	\$ 27,440.00
Charlton, Carmen	PI	Merck	Internal	Observational study to predict the medical and economic impact following implementation of the 9-valent HPV vaccine	\$ 44,931.00
Charlton, Carmen	PI	WCHRI	Internal	Evaluating and comparing risk-based and universal prenatal HCV screening programs in Alberta, Canada	\$ 750.00
Chui, Linda	Principal investigator	Alberta Health Services	Internal	AHS residual funds (AHS Residual Funds Chui)	\$ 81,716.00
Chui, Linda	Principal investigator	TECHLAB, Inc.	External	Comparison of PCR and Enzyme Immune assays for the detection of Shiga Toxin-producing Escherichia coli (TECHLAB Chui)	\$ 114,565.00
Chui, Linda	Principal investigator	Beef Cattle Research Council	External	Persistence of Shiga toxin-producing Escherichia coli (STEC) in cattle and association with clinical infections in the same geographic region (BCRC FOS.01.18 Chui)	\$ 110,000.00
Chui, Linda	Co-principal investigator	Other	External	Self-sanitizing, universal antimicrobial surfaces for application in the agriculture/food industry	\$ 263,000.00
Croxen, MA	Principal investigator	Canadian Institutes of Health Research	External	Rapid RNA sequencing of coronavirus for public health surveillance and transmission (CIHR COVID-19 170705 Croxen)	\$ 464,500.00
Croxen, MA	co-investigator	CIHR	External	The Canadian Bioinformatics, Computational Biology and Health Data Sciences Training and Community Platform (BCBHDS Platform)	\$ 5,550,000.00
Dijke, Esme	Principle Co-Applicant	Canadian Institutes of Health Research (CIHR)	External	Allogeneic thymus-derived Tregs to prevent chronic inflammation in transplantation	\$ 750,000.00
Dijke, Esme	Principal investigator	Canadian Donation and Transplantation Research Program	External	Into the Unknown: Defining the Optimal Cryopreservation Conditions for Therapeutic Thymic Regulatory T Cells (CLF Dijke)	\$ 30,000.00
Dijke, Esme	Principle Co-Applicant	CIHR	External	Allogeneic regulatory T cell therapy to prevent graft versus host disease (TITAN-01)	\$ 2,000,000.00
Dijke, Esme	Principle Applicant	American Society for Histocompatibility and Immunogenetics	External	Undercover agents or in the line of fire? - immunogenicity of therapeutic allogeneic regulatory cells	\$ 54,768.00
Dijke, Esme	co-applicant	One Child Every Child	Internal	Practical application of HLA eplet matching in pediatric kidney transplantation: towards precision medicine and improved long-term outcomes.	\$ 200,000.00
Drabovich, Andrei	Principal investigator	University of Alberta	Internal	Start up and research operating funds (UOFAB SF Drabovich)	\$ 50,000.00
Drabovich, Andrei	Principal investigator	University of Alberta	Internal	Start up and research operating funds (UOFAB SF Drabovich)	\$ 250,000.00
Drabovich, Andrei	Principal Investigator	Canadian Institutes of Health Research	External	Rational design and standardization of serology diagnostics using immunoaffinity-targeted proteomics assays (CIHR COVID19MAY 173207 Drabovi)	\$ 215,500.00
Drabovich, Andrei	Principal investigator	Canada Foundation For Innovation	External	Quantitative analysis of SARS-CoV-2 proteins for clinical diagnostics and environmental surveillance (CFI JELF 41905 Drabovich)	\$ 158,616.00

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Drabovich, Andrei	Principal Investigator	AB Jobs, Economy and Innovation	External	Quantitative analysis of SARS-CoV-2 proteins for clinical diagnostics and environmental surveillance (JEI RCP-22-021-SEG Drabovich)	\$ 158,616.00
Drabovich, Andrei	Principal Investigator	NSERC	External	Affinity selection, characterization, and sequencing of high-affinity immunoglobulins (RGPIN-2024-05909)	\$ 145,000.00
Drabovich, Andrei	Principal Investigator	NSERC	External	Affinity selection, characterization and sequencing of high-affinity immunoglobulins (DGECR-2024-00105 Drabovi)	\$ 12,500.00
Drabovich, Andrei	Principal Investigator	Cancer Research Society	External	Precision serology of prostate cancer	\$ 130,000.00
Drews, SJ	co-investigator	Canadian Blood Services	Internal	Babesia- Surveillance of emerging pathogens to ensure blood supply safety	\$ 246,400.00
Drews, SJ	PI	Canadian Blood Services	Internal	Investigational Laboratory Space and Staff	\$ 300,000.00
El Hallani, Soufiane	Co-PI	AstraZeneca Global	External	Enhancing the knowledge of DNA damage repair alterations in advanced prostate cancer within in Western Canada: A real world evidence prospectively collected database in streamlined DNA damage repair genetic testing	\$ 431,000.00
Halpin, Anne	Co-applicant	National Sciences and Engineering Research Council of Canada (NSERC)	Internal	Innovation after a century: Bead-based assay for ABO antibody detection	\$ 30,000.00
Holovati, Jelena	co-PI	Canada First Research Excellence Fund	External	Increasing African, Caribbean and Black Donor Representation in the Canadian Bone Marrow Stem Cell Registry through Community Engagement and Co-Development of Tissue Engineered Bone Marrow to Mitigate Critical Bone Marrow Transplant Donor Shortages	\$ 75,000.00
Holovati, Jelena	co-PI	Canadian Blood Services	External	Canada Regenerative Medicine Clinical Trials Training Consortium	\$ 50,000.00
Kariyawasam, Ruwandi	PI	University of Alberta	Internal	Detection and Characterization of Leishmania RNA Virus (LRV) in Clinical Isolates of Leishmaniasis	\$ 10,000.00
Le, X. Chris	Co-Principal Investigator	TIPS and CFI	External	Innovative techniques and diagnostic tests for pandemic preparedness and health equity	\$ 9,482,666.00
Le, X. Chris	Co-Principal Investigator	TIPS and CFI	External	Innovative techniques and diagnostic tests for pandemic preparedness and health equity	\$ 4,901,740.00
Le, X. Chris	Principal Investigator	NSERC	External	Ultrasensitive assays for specific DNA damage, mutations, and DNA-protein interaction (RGPIN-2018-06913)	\$ 828,000.00
Le, X. Chris	Principal investigator	University of Alberta	Internal	FoMD Contribution - NSERC CREATE-REACT (UOFAB FOMD NSERC CREATE)	\$ 30,000.00
Le, X. Chris	Principal Investigator	University of Alberta	Internal	VPR Contribution - NSERC CREATE-REACT (UOFAB VPR NSERC CREATE)	\$ 30,000.00
Le, X. Chris	Principal Investigator	Multi Sponsor (external donations and sponsorships)	External	Symp Can-China ACLS Le, X Chris	\$ 186,708.00
Le, X. Chris	Principal Investigator	Multi Sponsor (consulting fees, indirect costs)	Internal	General Research Project (MULTI Gen Res Le)	\$ 242,505.00
Le, X. Chris	Principal Investigator	University of Alberta	Internal	Rsh Support Fac Med Le (Internal Startup)	\$ 1,370,000.00
Le, X. Chris	Principal Investigator	University of Alberta	Internal	Rsch Support Provost Le (UOFAB Provost Le)	\$ 741,185.00
Le, X. Chris	Principal Investigator	University of Chicago	External	Arsenic and the human genome: susceptibility and response to exposure (UCHIC 22153245)	\$ 21,063.00
Le, X. Chris	Principal Investigator	University of Alberta	Internal	Distinguished University Professorship research stipend (UOFAB MED UPF Le)	\$ 140,000.00
Le, X. Chris	Principal Investigator	Alberta Health	External	Analytical techniques, exposure assessment, and environmental health (AHW 010837 Le)	\$ 1,000,000.00
Le, X. Chris	Principal Investigator	NSERC	External	Bioanalytical techniques for studying DNA mutations and molecular interactions (RGPIN 2024-05974 Le)	\$ 690,000.00
Le, X. Chris	Principal Investigator	TIPS	External	Innovative techniques and diagnostic tests for pandemic preparedness and health equity	\$ 9,482,666.00
Le, X. Chris	Principal Investigator	CFI and TIPS	External	Innovative techniques and diagnostic tests for pandemic preparedness and health equity	\$ 2,543,752.00
Lee, Cheng-Han	PI - sample accrurement and data collection, sample preparation and analysis	Terry Fox Research Institute (TFRI)	External	Gynecologic cancer cohort	\$ 90,000.00
Lee, Cheng-Han	PI - supervising PhD student working on the project, project planning, experiment planning, data review, and event manuscript preparation	Cancer Research Society of Canada	External	Repurposing digoxin for the treatment of dedifferentiated and undifferentiated gynecologic cancer	\$ 130,000.00
Leng, Roger	PI	CIHR	External	Role of USP7 and Potential Therapy in Human Cancers.	\$ 100,000.00
Leng, Roger	PI	WCHRI	Internal	Overcoming resistance to PARP inhibitors in breast cancer.	\$ 60,000.00
Leng, Roger	PI	CIHR	External	Targeting UBE4B sensitizes BRCA1/2- proficient breast cancer to PARP inhibition.□	\$ 854,999.00
Leng, Roger	PI	CIHR	External	Role of USP7 and Potential Therapy in Human Cancers.	\$ 850,000.00
Leng, Roger	PI	Kids with Cancer Society (Canada)	Internal	Role of Pirh2 in Cancer.	\$ 60,000.00
Leng, Roger	PI	NSERC	External	Molecular Basis of RING E3 Ligase Pirh2 and HECT E3 Ligase Itch Interaction.	\$ 139,998.00
Li, Xing-Fang	Principal Investigator	Canada Research Chairs	External	Analytical and Environmental Toxicology (CRC TIER1 232168 Li)	\$ 1,400,000.00

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Li, Xing-Fang	Principal Investigator	NSERC	External	Bioanalytical development and applications to drinking water safety (NSERC RGPIN-2017-05857 Li)	\$ 848,000.00
Li, Xing-Fang	Principal Investigator	EPCOR	External	Characterization of undesirable water-soluble organics in source and drinking water using advance analytical technology (EPCOR Li)	\$ 45,000.00
Li, Xing-Fang	Principal Investigator	Alberta Innovates	External	Characterization of undesirable water-soluble organics in source and drinking water using advanced analytical technology (AB Innovat WIP G2019000356/AI)	\$ 680,000.00
Li, Xing-Fang	Principal Investigator	MULTI SPONSOR	External	General research funds Li (Gen Res - Li,Xing-Fang)	\$ 8,730.00
Li, Xing-Fang	Co-Principal Investigator	AB Jobs, Economy and Innovation	External	Quantitative analysis of SARS-CoV-2 proteins for clinical diagnostics and environmental surveillance (JEI RCP-22-021-SEG Drabovich)	\$ 158,616.00
Li, Xing-Fang	Co-Principal Investigator	CFI	External	Quantitative analysis of SARS-CoV-2 proteins for clinical diagnostics and environmental surveillance (CFI JELF 41905 Drabovich)	\$ 158,616.00
Li, Xing-Fang	Principal Investigator	Alberta Innovates	External	Artificial intelligence-assisted routine water monitoring and comprehensive disinfection byproducts study	\$ 600,000.00
Li, Xing-Fang	Co-Principal Investigator	TIPS and CFI	External	Innovative techniques and diagnostic tests for pandemic preparedness and health equity	\$ 9,482,666.00
Nahiniak, Susan	Collaborator	Canadian Blood Services	External	Hypothermic Storage as an Alternative to Irradiation of Red Cell Concentrates	\$ 30,000.00
Tsui, Albert	co-Principle Investigator	CIHR, JDRF	External	Canadian Population Screening for Risk of Type 1 Diabetes Research Consortium	\$ 12,000,000.00
Tyrrell, Gregory	PI	Merck	External	Analysis of invasive pneumococcal disease changes in Alberta from 2010 to 2022	\$ 275,190.00
Tyrrell, Gregory	Co-investigator	CIHR	External	A phase 1 Clinical Trial of a Peptide-Based Group A streptococcal vaccine	\$ 536,666.00
van Landeghem, Frank	Co-investigator	Alberta Cancer Foundation	External	A multicentre, randomized controlled trial of pre-operative versus post-operative stereotactic radiosurgery for patients with surgically resectable brain metastases.	\$ 104,522.00
VanSpronsen, Amanda	Co-PI, Collaborator	Choosing Wisely Canada	External	Choosing Wisely Canada Society Grant	\$ 10,000.00
Zhang, Hongquan	Principal investigator	NSERC	External	Construction of deoxyribonucleic acid motors enabling single-molecule detection (NSERC RGPIN-2019-06363 Zhang)	\$ 180,000.00
Zhang, Hongquan	Principal investigator	University of Alberta	Internal	Rsch, Support (50% XC Le), FoMD (50%) Start-up Zhang (UOFAB SF Zhang)	\$ 100,000.00
Zhang, Hongquan	Co-Principal Investigator	TIPS and CFI	External	Innovative techniques and diagnostic tests for pandemic preparedness and health equity	\$ 12,026,418.00