

This report includes studies approved up until November 4, 2024

REP/REB Number	Study Title	Principal Investigator		Initial Approval Date (YYYY-MM-DD)	Type of Application
		First Name	Last Name		
2024-027	Characterizing the interactions between primary human macrophages and engineered biomaterials	Molly	Shoichet	2024-10-10	Research; Biologics
2024-025	Identification of more optical glycerol removal from frozen red cells	James	Benson	2024-10-17	Research; Biologics
2024-023	Immunocompetent Organ Models	Sarah	Hedtrich	2024-10-21	Research; Biologics
2024-019	A Case Study on Transfusion-Dependant Changes To Hemoglobin A1c	Jason	Acker	2024-07-30	Research; Data
2024-017	Fostering a culture of donation and advancing equity	Jennie	Haw	2024-08-13	Research; Data
2024-016	Canadian Blood Services Cord Blood for Research Program	Jelena	Holovati	**2024-10-21	Canadian Blood Services Program; Research
2024-015	Pediatric Transfusion Camp: Development of a national pediatric transfusion curriculum for subspecialty pediatric experts	Lani	Lieberman	2024-08-19	Research; Data
2024-013	Sexual and gender minorities in organ and tissue donation and transplantation (OTDT): A survey of Canadian OTDT healthcare workers	Murdoch	Leeies	2024-08-16	Research; Data
2024-012	Brain Tumor CAR-T cell delivery injectable hydrogel	Mohsen	Akbari	2024-07-12	Research; Biologics
2024-011	Mechanisms and regulation of blood coagulation	Jeffrey	Weitz	2024-06-06	Research; Biologics
2024-010	Evaluation of treatments in myelodysplastic syndrome and acute myeloid leukemia	Brett	Houston	2024-07-12	Acknowledgement; Research; Data
2024-009	An audit of STAT requests to Canadian Blood Services for type and screens	Jonah	Hirshberg	2024-07-12	Research; Data
2024-008	Off-the-shelf, anti-myeloma natural killer cells	Michael	Chu	2024-05-06	Research; Biologics
2024-007	Predicting childhood allergic disease from alterations in whole blood immune signatures early in life	Kelly	McNagny	2024-07-11	Research; Biologics
2024-006	Cold storage as an alternative to irradiation of red cells	Jason	Acker	2024-04-12	Research; Biologics
2024-005	Addressing systemic barriers to donation for diverse South Asian communities	Kelly	Holloway	2024-08-28	Research; Data
2024-003	Developing safe, effective and affordable cell therapies with cord blood	Yale	Michaels	2024-02-08	Research; Biologics

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2024-002	Exploring the Safety and Efficacy of New Gene Therapies	Hasan	Uludag	2024-05-16	Research; Biologics
2023-051	Immunity of Hematopoietic Cell Transplant Recipients	Jan	Storek	2024-10-30	Research; Biologics
2023-050	Donor Health and Travel Survey: Learning more from our donors moving forward (post pandemic)	Sheila	O'Brien	2024-04-12	Research; Data
2023-049	Surveillance of Donor Risk Factors for Transmissible Disease	Sheila	O'Brien	2024-09-27	Research; Data
2023-048	Understanding a new practice for kidney paired donation programs	Kathy	Yetzer	2024-04-22	Research: Data
2023-047	Measuring damaging and protective immune responses to allergens	Theodore	Steiner	2024-03-22	Research; Biologics
2023-046	Modeling human B cell responses using novel molecular tools	Aereas	Aung	2024-03-25	Research; Biologics
2023-045	Blood stem cells, genetic engineering, transplantation and transfusion	Harinad	Maganti	2023-11-23	Research; Biologics
2023-044	Surveillance of emerging pathogens to ensure blood supply safety	Carmen	Charlton	2024-04-29	Quality Improvement/ Program Evaluation; Data; Biologics
2023-043	New method for identifying cell types in whole blood	Christina	Loh	2024-02-02	Research; Biologics
2023-042	Development of biologic medicines to enhance patient immune responses towards cancerous myeloma cells	Rodger	Tiedemann	2024-04-08	Research; Biologics
2023-041	Population Coverage Modeling for new Cellular Therapies	Martin	Maiers	2023-11-24	Research; Data
2023-040	Predictive Value of Monocyte Monolayer Assay for Hemolytic Disease of the Fetus and Newborn	Nadine	Shehata	2023-12-01	Research; Data; Biologics
2023-039	Design of an innovative immunoassay for blood glucose & hCG test	Morgan	Zhang	2023-12-22	Quality Improvement/Program Evaluation; Biologics
2023-038	RCMP Police Dog Services Human Remains Detection Training	Stephen	Pike	2023-10-11	Quality Improvement/Program Evaluation; Biologics
2023-037	Understanding why some anticoagulated plasma units clot	William	Sheffield	2023-10-13	Research; Biologics
2023-034	Donor-Derived Viral Specific T-cells (VSTs) for Treatment of Viral Infections after Allogeneic Stem Cell Transplant	Michael	Grimley	2024-10-18	Acknowledgement; Research; Biologics
2023-033	Mechanisms of Lipid Metabolism and Lipophagy in Vascular Disease	Mireille	Ouimet	2023-10-13	Research; Biologics

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2023-031	Studying how sugar molecules regulate the immune system	Simon	Wisnovsky	2023-10-13	Research; Biologics
2023-030	Hematopoietic stem cells, cell engineering and transfusion medicine	Nicolas	Pineault	2023-07-28	Research; Biologics
2023-027	New tools to teach providers how to obtain informed consent for blood	Marissa	Laureano	2024-02-08	Research; Biologics
2023-026	Engineered Cellular Immunotherapies for Organ Transplantation	Stephen	Juвет	2023-07-21	Research; Biologics
2023-025	Investigating human immune tolerance in humanized mouse model	Andras	Nagy	2023-08-01	Research; Biologics
2023-024	The Molecular Profile of Cachexia in Patients with Cancer	Vera	Mazurak	2023-08-01	Research; Biologics
2023-023	Fc receptor blockade in transfusion medicine	Alan	Lazarus	2023-12-21	Research; Data; Biologics
2023-021	Liquid gold: Exploring the social landscape of expanding use of immune globulin in Canada - Phase 2	Kelly	Holloway	2023-09-19	Research; Data
2023-019	Understanding immune cell behavior and interactions with engineered tissues in the context of fibrosis, obesity, and cancer	Alison	McGuigan	2023-06-15	Research; Biologics
2023-018	3D Bone Marrow Tissue Engineering for HSC Regenerative Medicine	Eleftherios	Sachlos	2023-06-15	Research; Biologics
2023-017	Enhancing blood stem cell self-renewal to improve regenerative therapies	Kristin	Hope	2023-06-02	Research; Biologics
2023-016	Genetic sequencing of blood donors: social, ethical, and legal considerations	Jennie	Haw	2024-01-26	Research; Data
2023-014	Research in leukemia mechanisms to discover novel therapies	Jayne	Danska	2023-05-31	Research; Biologics
2023-013	Medical Laboratory Science Diploma Program at BCIT	Kal	Randhawa	2023-05-31	Quality Improvement/Program Evaluation; Biologics
2023-012	Comparison of donor versus platelet component testing for high titre isohemagglutinins	Melanie	Bodnar	2024-04-26	Quality Improvement/Program Evaluation; Data
2023-010	Identification of mechanisms that reduce immune cell activity against cancer	Michele	Ardolino	2023-07-19	Research; Biologics
2023-008	Studies of Fc Receptor-Mediated Phagocytosis and Antibody-Dependent Cellular Cytotoxicity	Donald	Branch	2024-01-08	Research; Data; Biologics
2023-007	Isolation of RNA from Peripheral Blood Monocytes	Michael	Stobart	2023-03-20	Quality Improvement/Program Evaluation; Biologics
2023-006	Antitumor immune responses in colorectal cancer	Kristi	Baker	2023-04-06	Research; Biologics

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2023-005	To Study immune response against intracellular pathogenic organisms	Neil	Reiner	2023-05-31	Research; Biologics
2023-004	Canadian Blood Services netCAD Blood4Research Program	Le	Lam	**2024-03-11	Canadian Blood Services Program; Quality Improvement/Program Evaluation and Research
2023-003	Testing Background Metal and Biomarker Levels in Serum Separator Tubes	David	Kinniburgh	2023-03-15	Quality Improvement/Program Evaluation; Biologics
2023-001	Comparing cancer-targeting effectiveness of umbilical cord versus adult donor CAR-NKs	Alissa	Visram	2024-03-08	Research; Biologics
2022-048	Determining Novel Functions of Blood Proteins	Ed	Pryzdial	2023-02-03	Research; Biologics
2022-047	Geography, ethnicity and anti-M hemolytic disease of the fetus/newborn	Matthew	Yan	2023-02-05	Research; Data
2022-046	Virus-Dependent Changes to Blood Cells and Proteins	Ed	Pryzdial	2023-02-03	Research; Biologics
2022-043	Increasing Opportunities for Live Kidney Donations by Creating Universal Blood-Type Organs for Kidney Transplant	Steven	Shechter	2024-01-09	Research; Data
2022-042	Stem Cell therapy for post-stroke neurovascular regeneration and recovery	Jing	Wang	2022-11-18	Research; Biologics
2022-040	Blood cells surface engineering for cell-based therapies	Jayachandran	Kizhakkedathu	2023-01-16	Research; Biologics
2022-038	Neutrophils' engagement in cancer cells killing	Olga	Tatsiy	2022-11-10	Research; Biologics
2022-037	Developing a humanized mouse model for anti-cancer drug development	Jody	Haigh	2023-01-04	Research; Biologics
2022-036	Evaluation of a no-prophylactic platelet transfusion strategy in patients undergoing autologous stem cell transplantation: a retrospective study	Brett	Houston	2022-12-22	Research; Data
2022-035	Collection of convalescent plasma from donors who have recovered from COVID-19 and been vaccinated to support the REMAP-CAP trial.	Chantale	Pambrun	2022-11-02	Research; Data; Biologics
2022-034	Factors influencing the survival of red blood cells in circulation	Syed	Qadri	2022-11-07	Research; Biologics
2022-032	Understanding how metabolism and immunity control heart disease	Morgan	Fullerton	2022-11-28	Research; Biologics
2022-028	Engineering Immune Cell-Based Cancer Therapy	Naoto	Hirano	2022-09-09	Research; Biologics
2022-027	Use of Blood to Study Cancer Immunotherapy in Humanized Mouse Models	Benjamin	Lok	2022-09-01	Research; Biologics
2022-024	Canadian Immunization Research Network (CIRN) National Measles Serosurvey Pilot	Sheila	O'Brien	2023-01-25	Reserch; Data; Biologics

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2022-023	Use of Human Serum Albumin in Manitoba Intensive Care Units	Piotr	Wtorek	2023-03-08	Quality Improvement / Program Evaluation; Data
2022-021	Designing better materials for the body	Larry	Unsworth	2022-07-14	Research; Biologics
2022-020	Immune Sensing of RNA Formulations using Human PBMCs	Anna	Blakney	2022-07-11	Research; Biologics
2022-018	Hepatitis D virus screening of HBV positive deferred donations	Sheila	O'Brien	2024-01-04	Research; Data; Biologics
2022-017	RBC Hemolysis and Cellular Effector Mechanisms (RHANCEM)	Donald	Branch	2022-09-20	Research; Data; Biologics
2022-016	The Impact of Blood Donor Characteristics on Blood Product Quality	Mindy	Goldman	2022-12-13	Research; Data; Biologics
2022-009	Control Sample Preparation for Quality Assurance of Specimen Analysis for the Provincial Newborn Screening Program	Paul	Van Caesele	2022-03-04	Quality Improvement/Program Evaluation; Biologics
2022-007	Development of novel methods to detect immune responses to viral infections and vaccination.	Anne-Claude	Gingras	2022-07-18	Quality Improvement/Program Evaluation; Biologics
2022-006	Characterizing leukemia interactions with the immune system to identify novel therapies for relapsed/refractory disease.	Anastasia	Tikhonova	2022-05-12	Research; Biologics
2022-004	Mosquito-borne disease risk in Eastern Canada for humans.	Antoinette	Ludwig	2022-07-27	Research; Data
2022-003	Effect of HIV drugs on Immune Response	Helene	Cote	2022-02-25	Research; Biologics
2021-047	Natural killer cells in cancer and immune homeostasis: a focus on diverse function	Jeanette	Boudreau	2022-02-03	Research; Biologics
2021-046	Modified Platelet Storage Devices to Improve Quality During Storage	Jayachandran	Kizhakkedathu	2022-03-09	Research; Biologics
2021-044	Are people who donate blood taking drugs to prevent or treat HIV?	Sheila	O'Brien	2022-05-31	Research; Data; Biologics
2021-042	Health Economics Modelling of Plasma Donation in CANada (HEMO-CAN)	Nick	Bansback	2022-02-02	Research; Data
2021-041	Release of already collected plasma from donors infected with COVID-19	Mel	Krajden	2022-01-18	Quality Improvement/Program Evaluation; Data; Biologics
2021-037	Understanding the role of extracellular vesicles released from naive- and malaria infected-red blood cells	Petra	Rohrbach	2022-04-01	Research; Biologics
2021-036	Evaluation of the ORBCoN Program	Jeannie	Callum	2022-01-04	Quality Improvement/Program Evaluation; Data
2021-033	Identification of plasma exosomal biomarkers in normal regenerated liver	Mamatha	Bhat	2021-10-06	Research; Biologics

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2021-025	Heart and Lung Reconditioning Study	Darren	Freed	2022-12-22	Research; Data; Biologics
2021-019	Developing Methods to Standardize Blood Tests for Neurological Diseases	Cheryl	Wellington	2021-07-07	Research; Biologics
2021-016	Pilot study of sex-matched vs. sex-mismatched red blood cell transfusion	Michelle	Zeller	2021-08-18	Research; Data
2021-014	Amplification and Enrichment Platforms for Liquid Biopsy-based Cancer Detection	Roger	Zemp	2021-04-15	Research; Biologics
2021-013	Deep Supercooling of Red Blood Cells	Jason	Acker	2021-03-24	Research; Biologics
2021-008	Better understanding Osteoarthritis	Sowmya	Viswanathan	2021-02-19	Research; Biologics
2021-007	Using molecular biology to increase the lifespan of platelets	Christian	Kastrup	2021-03-09	Research; Biologics
2021-005	UCAN CAN-DU: Canada-Netherlands Personalized Medicine Network in Childhood Arthritis and Rheumatic Diseases	Rae	Yeung	2021-02-02	Research; Biologics
2021-003	New method of kidney preservation with blood at room temperature to improve transplant success	Patrick	Luke	2021-01-28	Research; Biologics
2021-001	How do blood donors feel about the flu and COVID-19 vaccines?	Sheila	O'Brien	2021-04-06	Research; Data
2020-062	Validation of a new genotyping platform for blood antigen typing	Celina	Montemayor Garcia	2021-01-19	Research; Data; Biologics
2020-059	Epigenome-wide CRISPR Screen in Primary Human CD8+ T Cells	Daniel	De Carvalho	2020-12-11	Research; Biologics
2020-058	Medical Laboratory Technology Science Diploma Program College of New Caledonia	Michelle	Lui	2020-12-16	Quality Improvement/Program Evaluation; Biologics
2020-057	Studying the genes controlled by MTF2 in blood cells.	William	Stanford	2021-01-13	Research; Biologics
2020-051	T and NK cell isolation from CBS products	James	Piret	2020-11-04	Research; Biologics
2020-050	A Phase IV trial of a hospital policy of Tranexamic acid to reduce transfusion in major non-cardiac surgery (TRACTION)	Ryan	Zarychanski	2021-02-05	Research; Data
2020-048	Candidate and Recipient Outcomes in the Highly Sensitized Patient Program	Rahul	Mainra	2021-04-05	Research; Data
2020-047	Harnessing immune cells to improve stem cell transplant outcomes	Sarah	Crome	2020-10-01	Research; Biologics
2020-044	Image based cell separation	Hongshen	Ma	2020-09-08	Research; Biologics
2020-043	On-line donor survey to estimate risk factors for HIV	Sheila	O'Brien	2020-12-10	Research; Data
2020-038	Regulation of immune responses in transplantation and autoimmunity	Megan	Levings	2020-09-08	Research; Biologics

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2020-037	Assessing alternative donor screening questions in current donors	Jennie	Haw	2020-12-10	Research; Data
2020-033	HDFN due to Minor blood group alloimmunisation in Southern Alberta	Amuchou	Soraisham	2021-02-26	Research; Data
2020-032	Design and testing of new cellular therapies for cancer	Kevin	Hay	2020-07-17	Research; Biologics
2020-028	Seroprevalence of Coronavirus Disease 19 (COVID-19) in Blood Donors	Sheila	O'Brien	2020-07-03	Research; Data; Biologics
2020-019	Immune responses against cytomegalovirus	Mir Munir	Rahim	2020-03-31	Research; Biologics
2020-018	Modeling HIV spread between blood cells.	Thomas	Murooka	2020-06-19	Research; Biologics
2020-017	TRALI and delayed TRALI: a prospective study in critically ill children	Guillaume	Emeriaud	2020-07-29	Research; Data
2020-010	Understanding the invasion of red blood cells by malaria parasites	Dave	Richard	2020-02-20	Research; Biologics
2020-008	IN-TRUST: A Novel approach to Hemovigilance	Shouyan	Ning	2020-07-23	Research; Data
2020-005	Donor Characteristics and the Quality of Red Cell Concentrates	Jason	Acker	2020-02-26	Research; Data; Biologics
2020-003	High circulating LDL causes inflammation contributing to heart disease.	Xiaohui	Zha	2020-03-06	Research; Biologics
2019-035	Cancer Immunotherapy in Humanized Mouse Models	Adrian	Sacher	2020-01-23	Research; Biologics
2019-029	Red blood cell donor and storage study	Hongshen	Ma	2019-12-11	Research; Biologics
2019-023	Immunocompetent Organ Models	Sarah	Hedtrich	2019-07-26	Research; Biologics
2019-010	Ethnic distribution of donor-recipient pairs participating in the Canadian Kidney Paired Donation program	Istvan	Mucsi	2019-05-27	Research; Data
2018-047	Transfusion-Associated Dyspnea; Prospective, Observation and Laboratory Assessment (TADPOL)	Christine	Cserti-Gazdewich	2018-11-15	Research; Data
2018-046	Immunity of Hematopoietic Cell Transplant Recipients	Jan	Storek	2019-03-08	Research; Data; Biologics

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