

Authors	Year	Title	Journal	Volume	Page Range	Word Count	Doi	Pmid	Impact Factor
Justine Lai, Claire Yang, Chuquan Shang, Will Chen, Michael P Chu, Joseph Brandwein, Raymond Lai, Peng Wang	2024	ULK2 Is a Key Pro-Autophagy Protein That Contributes to the High Chemoresistance and Disease Relapse in FLT3-Mutated Acute Myeloid Leukemia	Int J Mol Sci	2024 Jan 4; 25(1):646	646-661		10.3390/ijms25010646	38203816	
Justine Lai, Chuquan Shang, Will Chen, Iyare Izevbaye, Michael P Chu, Irwindeep Sandhu, Joseph Brandwein, Raymond Lai, Peng Wang	2023	An In Vitro Model for Acute Myeloid Leukemia Relapse Using the SORE6 Reporter	Int J Mol Sci	2023 Dec 29; 25(1)	496-512		10.3390/ijms25010496	38203669	
Chuquan Shang, Justine Lai, Moinul Haque, Will Chen, Peng Wang, Raymond Lai	2023	Nuclear NPM-ALK Protects Myc from Proteasomal Degradation and Contributes to Its High Expression in Cancer Stem-Like Cells in ALK-Positive Anaplastic Large Cell Lymphoma	Int J Mol Sci	2023 Sep 20; 24(18)	14337-14349		10.3390/ijms241814337	37762644	
Phan, Celina; Kurach, Jayme; Foxcroft, Megan; Xu, Daisy; Olafson, Carly; Clarke Gwen; Acker, Jason P.	2024	Modification of deglycerolization procedure improves processing and post-thaw quality of cryopreserved sickle trait red cell concentrates	Cryobiology	115			10.1016/j.cryobiol.2024.104903	38734363	2.30
William, Nishaka; Acker, Jason P.	2024	A perspective on exogenous redox regulation mediated by transfused RBCs subject to the storage lesion	Transfusion and Apheresis Science	63			10.1016/j.transci.2024.103929	38658294	1.40
Yazdanbakhsh, Mahsa; Acker, Jason P.	2024	Advancing in vivo assessment of red blood cell transfusions: A call for radiation-free methods in transfusion medicine	Transfusion and Apheresis Science	63			10.1016/j.transci.2024.103928	38653627	1.40
Mykhailova, Olga; Brandon-Coatham, Mackenzie; Phan, Celina; Yazdanbakhsh, Mahsa; Olafson, Carly; Yi, Qi Long; Kanas, Tamir; Acker, Jason P.	2024	Red cell concentrates from eligible teen and senior male donors possess biologically older cells that are of poor quality	Vox Sanguinis	119	417-427		10.1111/vox.13602	38418415	1.80
Mykhailova, Olga; Brandon-Coatham, Mackenzie; Durand, Kiarra; Olafson, Carly; Xu, April; Yi, Qi Long; Kanas, Tamir; Acker, Jason P.	2024	Estimated median density identifies donor age and sex differences in red blood cell biological age	Transfusion	64	705-715		10.1111/trf.17749	38420746	2.50
Alshalani, Abdulrahman; de Wissel, Marit B.; Tuijde Boer, Anita M.; Roelofs, Joris J.T.H.; van Bruggen, Robin; Acker, Jason P.; Juffermans, Nicole P.	2023	Transfusion of female blood in a rat model is associated with red blood cells entrapment in organs	PLoS ONE	18, 11	e0288308		10.1371/journal.pone.0288308	37992035	2.90
Hoffman, W. R.; Patel, P. K.; Aden, J.; Willis, A.; Acker, J. P.; Bjerke, E.; Miranda, E.; Luster, J.; Tvaryanas, A.	2023	Multinational comparison study of aircraft pilot healthcare avoidance behaviour	Occupational Medicine	73	434-438		10.1093/occmed/kqad091	37658781	2.40
Cloutier, Marc; Cognasse, Fabrice; Yokoyama, Ana Paula Hitomi; Hazegh, Kelsey; Mykhailova, Olga; Brandon-Coatham, Mackenzie; Hamzeh-Cognasse, Hind; Kutner, Jose Mauro; Acker, Jason P.; Kanas, Tamir	2023	Quality assessment of red blood cell concentrates from blood donors at the extremes of the age spectrum: The BEST collaborative study	Transfusion	63	1506-1518		10.1111/trf.17471	37387566	2.50
Rowlison, Tricia; Nagashima, Jennifer; Acker, Jason; Ben, Robert; Daly, Jonathan; Hagedorn, Mary; Comizzoli, Pierre	2023	First Report of Successful Laser Warming for Frozen Gonadal Tissues and Oocytes in the Domestic Cat Model	Biopreservation and Biobanking	21	433-438		10.1089/bio.2022.0071	36037060	1.20
Kaufman, Richard M.; Marks, Denese C.; Flamand, Yael; Acker, Jason P.; Brown, Bethany L.;Olafson, Carly; Marschner, Susanne; Pandey, Suchitra; Papari, Mona; Petraszko, Tanya; Serrano, Katherine; Ward, Dawn; Bazin, Renee	2023	Risk factors for T-cell lymphopenia in frequent platelet donors: The BEST collaborative study	TRANSFUSION	63	2072-2082		10.1111/trf.17567	37818894	2.50
Juffermans, N.P.; Gözden, T.; Brohi, K.; Davenport, R.; Acker, J.P.; Reade, M.; Maegele, M.; Neal, M; and Spinella, P.	2024	Transforming research to improve therapies for trauma in the 21st century	Critical Care	28	1-12		10.1186/s13054-024-04805-6	38350971	8.80
Davoodi, S.; Gongal, P.; Delaney, S.; Acker, J.P.; Boulet, B.; Boulet, T.; Dijke, E.; Elliott, J.A.W.; Halloran, K.; Halpin, A.; Hartell, D.; Kemp, L.; Kramer, A.; Lam, N.; Mager, D.; Mokoena,T.; Pepper, A.; Powell, L.; Tandon, P.; Wilson, M.; Wilkins, R.; Woolfsmith, J.; and West, L.	2024	Alberta's research priorities to advance organ donation and transplantation: an ecosystem-based and consensus-driven approach to strategic research planning	Canadian Health Policy Journal	Mar 2024			doi.org/10.54194/PVBQ287		2.90
William, N.; Osmani, R. and Acker, J.P.	2024	Towards the crux of sex-dependent variability in red cell concentrates	Transfusion and Apheresis Science	62, 6	103827		10.1016/j.transci.2023.103827	37793959	1.40
Blake, J.T.; Acker, J.P. and Mastronardi, C.	2023	Using analytical methods and simulation to estimate the magnitude of errors in calculations for recovery in washed red blood cells	Proceedings of the 13th International Conference on Simulation and Modeling Methodologies, Technologies, and Application		340-345		http://dx.doi.org/10.5220/0000167700003546		
Isiksacan, Z.; William, N.; Senturk, R.; Boudreau, L.; Wooning, C.; Castellanos, E.; Isiksacan, S.; Yarmush, M.L.; Acker, J.P. and Usta, O.B.	2024	Extended supercooled storage of red blood cells	Communications Reports	7, 1	765		10.1038/s42003-024-06463-4	38914723	29.00
Isiksacan, Z.; D'Alessandro, A.; McKenna, D.H.; Tessier, S.N.; Kucukal, E.; Gokaltun, A.A.; William, N.; Sandlin, R.D.; Bischof, J.; Narla, M.; Busch, M.P.; Elbuken, C.; Gurkan, U.A.; Toner, M.; Acker, J.P.; Yarmush, M.L.; Usta, O.B.	2024	Reply to Kaestner et al.: Pioneering quantitative platforms for stored red blood cell assessment open the door for precision transfusion medicine	Proceedings of the National Academy of Sciences USA	121, 11	e2320521121		10.1073/pnas.2320521121	38437566	8.80
Acker, J.P.; Hubel, A. and Werner, S.	2023	Innovator Insight: Current issues & future trends in cryopreservation for advanced therapies.	Cell & Gene Therapy Insight	9, 10	1477-1491		10.18609/cgti.2023.195		0.30

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Joshua Hefler, Rena Pawlick, Braulio A. Marfil-Garza, Aducio Thiesen, Nerea Cuesta-Gomez, Sanaz Hatami, Darren H. Freed, Constantine Karvellas, David L. Bigam, A.M. James Shapiro	2024	Protective effects of cyclosporine and its analog NIM-811 in a murine model of hepatic ischemia-reperfusion injury	Liver Research	8	46-53		10.1016/j.livres.2024.02.002		4.50
Hefler J, Hatami S, Thiesen A, Wagner MJ, Mainardi G, Himmat S, Karvellas CJ, Bigam DL, Freed DH, Shapiro AMJ	2024	Cyclosporine A Does Not Mitigate Liver Ischemia/Reperfusion Injury in an Ex Vivo Porcine Model of Donation After Circulatory Death	Ann Transplant	30,29			10.12659/aot.941054		1.47
Krahn T, Buttenschoen J, D'Souza P, Girgis S, Thiesen A, Rennie R.,Turnbull LA, van Zanten SV	2023	Success of Helicobacter pylori Guideline-based Treatment of Newly Diagnosed and Previously Treated Patients During 20072021 in Edmonton, Alberta.	Journal of the Canadian Association of Gastroenterology	7,3	221-229		10.1093/jcag/gwad051		2.60
Verhoeff K, Cuesta-Gomez N, Maghera J, Dadheech N, Pawlick R, Smith N, O'Gorman D, Razavy H, Marfil-Garza B, Young LG, Thiesen A, MacDonald PE, Shapiro AMJ.	2024	Scalable bioreactor-based suspension approach to generate stem cell-derived islets from healthy donor-derived iPSCs	Transplantation	July 18			10.1097/TP.00000000000005108		5.30
Maldonado, Andres A.; Marek, Tomas; Howe, B. Matthew; Broski, Stephen M.; Carter, Jodi M.; Spinner, Robert J.	2024	Neuromuscular choristoma-associated desmoid-type fibromatosis of the brachial plexus: Additional evidence to support a nerve-driven mechanism	Journal of Plastic, Reconstructive and Aesthetic Surgery	93	83-91		10.1016/j.bjps.2024.04.009		
Leon-Ferre, Roberto A.; Jonas, Sarah Flora; Salgado, Roberto; Loi, Sherene; De Jong, Vincent; Carter, Jodi M.; Nielsen, Torsten O.; Leung, Samuel; Riaz, Nazia; Chia, Stephen; Jules-Clément, G�r��me; Curigliano, Giuseppe; Criscitiello, Carmen; Cockenpot, Vincent; Lambertini, Matteo; Suman, Vera J.; Linderholm, Barbro; Martens, John W.M.; Van Deurzen, Carolien H.M.; Timmermans, A. Mieke; Shimoi, Tatsunori; Yazaki, Shu; Yoshida, Masayuki; Kim, Sung Bae; Lee, Hee Jin; Dieci, Maria Vittoria; Bataillon, Guillaume; Vincent-Salomon, Anne; Andr��, Fabrice; Kok, Marleen; Linn, Sabine C.; Goetz, Matthew P.; Michiels, Stefan	2024	Tumor-Infiltrating Lymphocytes in Triple-Negative Breast Cancer	JAMA	331	1135-1144		10.1001/jama.2024.3056		63.00
Sherman, Mark E.; Vierkant, Robert A.; Winham, Stacey J.; Vachon, Celine M.; Carter, Jodi M.; Pacheco-Spann, Laura; Jensen, Matthew R.; McCauley, Bryan M.; Hoskin, Tanya L.; Seymour, Lisa; Gehling, Denice; Fischer, Jessica; Ghosh, Karthik; Radisky, Derek C.; Degnim, Amy C.	2024	Benign Breast Disease and Breast Cancer Risk in the Percutaneous Biopsy Era	JAMA Surgery	159	193-201		10.1001/jamasurg.2023.6382		17.00
Takchi, Andrew; Zhang, Minzhi; Jalalirad, Mohammad; Ferre, Roberto Leon; Shrestha, Royal; Haddad, Tufia; Sarkaria, Jann; Tuma, Ann; Carter, Jodi; David, Hillman; Giridhar, Karthik; Wang, Liewei; Lange, Carol Lendahl, Urban; Ingle, James; Goetz, Matthew; D'Assoro, Antonino Bonaventura	2024	Blockade of tumor cell-intrinsic PD-L1 signaling enhances AURKA-targeted therapy in triple negative breast cancer	Frontiers in Oncology	14			10.3389/fonc.2024.1384277		4.00
Leon-Ferre, Roberto A.; Carter, Jodi M.; Zahrieh, David; Sinnwell, Jason P.; Salgado, Roberto; Suman, Vera J.; Hillman, David W.; Boughey, Judy C.; Kalari, Krishna R.; Couch, Fergus J.;Ingle, James N.; Balkenhol, Maschenka; Ciompi, Francesco; van der Laak, Jeroen; Goetz, Matthew P.	2024	Automated mitotic spindle hotspot counts are highly associated with clinical outcomes in systemically untreated early-stage triple-negative breast cancer	NPJ BREAST CANCER	10			10.1038/s41523-024-00629-3		6.00
Newbigging, Ashley; Landry, Natalie; Brun, Miranda; Proctor, Dustin; Parker, Michelle; Zimmer, Carmen, Thorlacius, Laurel; Raizman, Joshua E.; Tsui, Albert K.Y.	2024	New solutions to old problems: A practical approach to identify samples with intravenous fluid contamination in clinical laboratories	Clinical Biochemistry	127-128			10.1016/j.clinbiochem.2024.110763	38615787	2.50
Parsons BD, Medina-Luna D, Scur M, Pinelli M, Gamage GS, Chilvers RA, Hamon Y, Ahmed IHI, Savary S, Makrigiannis AP, Braverman NE, Rodriguez-Alcazar JF, Latz E, Karakach TK, Di Cara F.	2024	Peroxisome deficiency underlies failures in hepatic immune cell development and antigen presentation in a severe Zellweger disease model.	Cell Reports	43,2			doi: 10.1016/j.celrep.2024.113744	38329874	7.50
Pinelli M, Makdissi S, Scur M, Parsons BD, Baker K, Otley A, MacIntyre B, Nguyen HD, Kim PK, Stadnyk AW, Di Cara F.	2024	Peroxisomal cholesterol metabolism regulates yap-signaling, which maintains intestinal epithelial barrier function and is altered in Crohn's disease.	Cell Death and Disease	15			doi: 10.1038/s41419-024-06925-x	39069546	5.17
Motamedi, Melika; Xiao, Maggie Z.X.; Deschenes, Jean; Hardin, Jori; Sterrett, Russell; Street, Lesley; Taparia, Minakshi; Mahe, Etienne; Ferrara, Giovanni; Barrie, James R.; Gniadecki, Robert	2024	Early Organ Metastasis in Granulomatous Mycosis Fungoides: A Systematic Review	Dermatology	240	468-473		10.1159/000537893		3.00
Martell, Matthew T.; Haven, Nathaniel J.M.; Cikaluk, Brendyn D.; Restall, Brendon S.; McAlister, Ewan A.; Mittal, Rohan; Adam, Benjamin A.; Giannakopoulos, Nadia; Peiris, Lashan; Silverman, Sveta; Deschenes, Jean; Li, Xingyu; Zemp, Roger J.	2023	Deep learning-enabled realistic virtual histology with ultraviolet photoacoustic remote sensing microscopy	Nature Communications	14	1-17		10.1038/s41467-023-41574-2		14.70

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Mansoor, Adnan; Akhter, Ariz; Shabani-Rad, Meer Taher; Deschenes, Jean; Yilmaz, Asli; Trpkov, Kiril; Stewart, Douglas	2023	Primary testicular lymphoma demonstrates overexpression of the Wilms tumor 1 gene and different mRNA and miRNA expression profiles compared to nodal diffuse large B-cell lymphoma	Hematological Oncology	41	828-837		10.1002/hon.3190		3.30
Wu, H., Leng S.; Sergi, C.; and Leng, R.	2024	How MicroRNAs Command the Battle against Cancer.	International Journal of Molecular Sciences	25 (11)	5865-5887		https://doi.org/10.3390/ijms25115865		4.90
Abuetabh, Y.; Wu, H.; Al Yousef, H.; Persad, S.; Schlosser, M.; Eisenstat, D.; Sergi, C.; and Leng, R.	2024	Deciphering UBE4B Phosphorylation Dynamics: A Key Mechanism in the Accumulation of p53 and Cancer Cell Response to DNA Damage.	The FEBS Journal	in progress			in progress		5.29
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Davoodi S, Gongal P, Delaney S, Acker JP, Boulet B, Boulet T, Dijke E, Elliott JAW, Halloran K, Halpin A, Hartell D, Kemp L, Kramer A, Lam N, Mager D, Mokoena T, Pepper A, Powell L, Tandon P, Wilson M, Wilkins R, Woolfsmith J, West L.	2024	Alberta's research priorities to advance donation and transplantation: an ecosystem-based and consensus-driven approach to strategic research planning	Canadian Health Policy				doi.org/10.54194/PVBQ287		
Rais, Yasmine; Drabovich, Andrei P.	2024	Identification and quantification of human relaxin proteins by immunoaffinity-mass spectrometry	Journal of Proteome Research	23, 6	2013-2027		10.1021/acs.jproteome.4c00027	38739617	4.10
Walter, Jonathan; Eludin, Zicki; Drabovich, Andrei P.	2023	Redefining serological diagnostics with immunoaffinity proteomics	Clinical Proteomics	20	42		10.1186/s12014-023-09431-y	37821808	3.90
Astrid De Boeck, Eric Nohr, Soufiane El-Hallani, Prafull Ghatage, Cheng Han Lee, Martin Köbel	2024	POLE mutated endometrial carcinosarcomas	International Journal of Gynecological Pathology				10.1097/PGP.0000000000001039	38833721	
Don Husereau, Yvonne Bombard, Tracy Stockley, Michael Carter, Scott Davey, Diana Lemaire, Erik Nohr, Paul Park, Alan Spatz, Christine Williams, Aaron Pollett, Bryan Lo, Stephen Yip, Soufiane El Hallani, Harriet Feilotter	2023	Future Role of Health Technology Assessment for Genomic Medicine in Oncology: A Canadian Laboratory Perspective	Current Oncology				10.3390/curroncol30110700	37999120	
Kariyawasam R, Lau R, Valencia BM, Llanos-Cuentas A, Boggild AK	2024	Novel detection of Leishmania RNA virus-1 (LRV-1) in clinical isolates of Leishmania Viannia panamensis	Parasitology	151, 2	151-156		10.1017/S0031182023001221	38031433	2.40
Martin D Hyrcza, Sebastiao N Martins-Filho, Alan Spatz, Han-Jun Wang, Bibianna M Purgina, Patrice Desmeules, Paul C Park, Gilbert Bigras, Sungmi Jung, Jean-Claude Cutz, Zhaolin Xu, David M Berman, Brandon S Sheffield, Carol C Cheung, Charles Leduc, David M Hwang, Diana Ionescu, Paul Klonowski, Myriam Chevarie-Davis, Rose Chami, Bryan Lo, Tracy L Stockley, Ming-Sound Tsao, Emina Torlakovic	2023	Canadian Multicentric Pan-TRK (CANTRK) Immunohistochemistry Harmonization Study	Modern Pathology				10.1016/j.modpat.2023.100384	37972928	7.10
Stéphanie Gonvers, Sebastiao N Martins-Filho, André Hirayama, Julien Calderaro, Rebecca Phillips, Emilie Uldry, Nicolas Demartines, Emmanuel Melloul, Young Nyun Park, Valérie Paradis, Swan N Thung, Venancio Alves, Christine Sempoux, Ismail Labgaa	2024	Macroscopic Characterization of Hepatocellular Carcinoma: An Underexploited Source of Prognostic Factors	Journal of Hepatocellular Carcinoma				10.1210/jendso/bvae093	38605975	4.20
Daniela Yone Veiga Iguchi, Sebastião Nunes Martins Filho, Iberê Cauduro Soares, Sheila Aparecida Coelho Siqueira, Venâncio Avancini Ferreira Alves, Aline Kawassaki Assato, Ji Hoon Yang, Madson Q Almeida, Maria Candida Barisson Villares Fragoso, Gustavo Freitas Cardoso Fagundes, Berenice B Mendonca, Delmar Muniz Lourenço Junior, Ana O Hoff, Luciana Audi Castroneves, Bruno Ferraz-de-Souza, Maria Lucia Cardillo Correa Giannella, and Maria Adelaide Albergaria Pereira	2024	Identification of Predictors of Metastatic Potential in Paragangliomas to Develop a Prognostic Score (PSPGL)	Journal of the Endocrine Society				10.1210/jendso/bvae093	38799767	3.00

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Sidsel Nag, Gunhild Larsen, Judit Szarvas, Laura Elmlund Kohl Birkedahl, Gábor Máté Gulyás, Wojciech Jakub Ciok, Timmie Mikkel Lagermann, Silva Tafaj, Susan Bradbury, Peter Collignon, Denise Daley, Victorien Dougnon, Kafayath Fabiyi, Boubacar Coulibaly, René Dembélé, Georgette Nikiema, Natama Magloire, Isidore Juste Ouindgueta, Zenat Zebin Hossain, Anowara Begum, Deyan Donchev, Mathew Diggle, LeeAnn Turnbull, Simon Lévesque, Livia Berlinger, Kirstine Kobberoe Sogaard, Paula Diaz Guevara, Carolina Duarte Valderrama, Panagiota Maikanti, Jana Amlerova, Pavel Drevinek, Jan Tkadlec, Milica Dilas, Achim Kaasch, Henrik Torkil Westh, Mohamed Azzedine Bachtarzi, Wahiba Amhis, Carolina Elisabeth Satán Salazar, JoséEduardo Villacis, Mária Angeles Dominguez Lúzon, Dámaris Berbel Palau, Claire Duployez, Maxime Paluche, Solomon Asante-Sefa, Mie Moller, Margaret Ip, Ivana Mareković, Agnes Pál-Sonnevend, Clementiza Elvezia Cocuzza, Asta Dambrauskiene, Alexandre Macanze, Anelsio Cossa, Inácio Mandomando, Philip Nwajobi-Princewill, Iruka N. Okeke, Aderemi O. Kehinde, Ini Adebisi, Ifeoluwa Akintayo, Oluwafemi Popoola, Anthony Onipede, Anita Blomfeldt, Nora Elisabeth Nyquist, Kiri Bocker, James Ussher, Amjad Ali, Nimat Ullah, Habibullah Khan, Natalie Weiler Gustafson, Ikhlas Jarrar, Arif Al-Hamad, Viravarn Luvira, Wantana Paveenkittiporn, Irmak Baran, James C. L. Mwansa, Linda Sikakwa, Kaunda Yamba, Rene Sjogren Hendriksen & Frank Moller Aarestrup	2023	Whole genomes from bacteria collected at diagnostic units around the world 2020.	Nature Scientific Data	10:628	1-10		https://doi.org/10.1038/s41597-023-02502-7		9.80
Pamela Sawatzky, Brigitte Lefebvre, Mathew Diggle, Linda Hoang, Jason Wong, Samir Patel, Paul Van Caessele, Jessica Minion, Richard Garceau, Sarah Jeffrey, David Haldane, Lillian Lourenco, Genevieve Gravel, Michael Mulvey, and Irene Martin	2023	Antimicrobial susceptibilities of Neisseria gonorrhoeae in Canada, 2021	Canada Communicable Disease Report (CCDR)	49(9)	388-398		10.14745/ccdr.v49i09a05	38463902	4.90
Saeideh Davoodi, Patricia Gongal, Sean Delaney, Jason P. Acker, Bernadine Boulet, Toby Boulet, Esme Dijke, Janet A.W. Elliott, Kieran Halloran, Anne Halpin, David Hartell, Lindsey Kemp, Andreas Kramer, Ngan Lam, Diana Mager, Tumelo Mokoena, Andrew Pepper, Linda Powell, Puneeta Tandon, Murray Wilson, Rachel Wilkins, Jennifer Woolfsmith, Lori West	2024	Alberta's research priorities to advance organ donation and transplantation: an ecosystem-based and consensus-driven approach to strategic research planning	Canadian Health Policy,	March, 2024	1-20		https://doi.org/10.54194/PVBQ287		
Shareen Forbes, Anne Halpin, Anna Lam, Don Grynock, Richard Parker, Luis Hidalgo, David Bigam, Blaire Anderson, Khaled Dajani, Tatsuya Kin, Doug O’Gorman, Peter A. Senior, Patricia Campbell, A. M. James Shapiro.	2024	Islet transplantation outcomes in type 1 diabetes and transplantation of HLA-DQ8/DR4: results of a single-centre retrospective cohort in Canada	eClinical Medicine	Volume 67	1-13		https://doi.org/10.1016/j.eclinm.2023.102333		9.60
Carrigan I, Mathur S, Bourgeois N, Dieudé M,Fantus D, Gongal P, Halpin A, Hirji A, Mansell H, Piotrowski C, Sapir-Pichhadze R, Vinson AJ	2023	Updates in Kidney Transplantation From the 2022 Banff-Canadian Society of Transplantation Joint Meeting: Conference Report	Can J Kidney Health Dis				10.1177/20543581231209185	38020483	1.60
Madeleine Townsend, Tara Pidborochynski, Ryan S. Cantor, Michael Khoury, Patricia Campbell, Anne Halpin, Simon Urschel, Daniel Kim, Susan Nahirniak, Lori J. West, Holger Buchholz, Jennifer Conway	2023	Prospective examination of HLA sensitization after VAD implantation in children and adults	Transplant Immunology				https://doi.org/10.1016/j.trim.2023.101892		
G. Parmar, M.D Seftel, K.Ganz, J.Blake, J.L. Holovati, D.S Allan.	2024	Optimizing access to unrelated donors in Canada: re-examining the importance of donor factors on outcomes following hematopoietic cell transplantation	Current Oncology	31(5)	2542-2551		10.3390/curroncol31050190		
Ashley Newbigging, Natalie Landry, Miranda Brun, Dustin Proctor, Michelle Parker, Carmen Zimmer, Laurel Thorlacius, Joshua E Raizman, Albert K Y Tsui	2024	New solutions to old problems: A practical approach to identify samples with intravenous fluid contamination in clinical laboratories	Clinical Biochemistry	May:127-128	110763		10.1016/j.clinbiochem.2024.110763.	38615787	
Mary Kathryn Bohn, Dana Bailey, Cynthia Balion, George Cembrowski, Christine Collier, Vincent De Guire, Victoria Higgins, Benjamin Jung, Zahraa Mohammed Ali, David Seccombe; Jennifer Taher; Albert K Y Tsui; Allison Venner; Khosrow Adeli	2023	Reference Interval Harmonization: Harnessing the Power of Big Data Analytics to Derive Common Reference Intervals across Populations and Testing Platforms	Clinical Chemistry	Volume 69, Issue 9	991 - 1008		10.1093/clinchem/hvad099	37478022	9.30

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Peter A. Kavsak, PhD Lorna Clark, BSc Saranya Arnoldo, PhD Amy Lou, PhD Jennifer L. Shea, PhD Shaun Eintracht, MD Andrew W. Lyon, PhD Vipin Bhayana, PhDLaurel Thorlacius, PhD Joshua E. Raizman, PhD Albert K.Y. Tsui, PhD Rose Djiana, PhD Michael Chen, MD Yun Huang, PhD Ronald A. Booth, PhD Chris McCudden, PhD Joël Lavoie, PhD Daniel R. Beriault, PhD David W. Blank, MD Angela W.S. Fung, PhD Barry Hoffman, PhD Jennifer Taher, PhD Julie St-Cyr, MD Paul M. Yip, PhD Emilie P. Belley-Cote, MD, PhD Beth L. Abramson, MD, MSc Bjug Borgundvaag, MD, PhDSteven M. Friedman, MD, MPH Susanna Mak, MD, PhD Jesse McLaren, MDBrian Steinhart, MDJacob A. Udell, MD, MPHHarindra C. Wijeyesundera, MD, PhD Paul Atkinson, MB, MASamuel G. Campbell, MBBCh Kavish Chandra, MD, MScJafna L. Cox, MD Sharon Mulvagh, MD Ata-ur-Rehman Quraishi, MBBS Annabel Chen-Tournoux, MD Gregory Clark, MDEli Segal, MD Neville Suskin, MBChB, MScAmer M. Johri, MD, MScMarco L.A. Sivilotti, MD, MScHabibat Garuba, MDVenkatesh Thiruganasambandamoorthy, MBBS, MScSimon Robinson, MBChB, MD Frank Scheuermeyer, MD, MHSC Karin H. Humphries, MBA, DScMartin Than, MD John W. Pickering, PhD Andrew Worster, MD, MScNicholas L. Mills, MD, PhDP.J. Devereaux, MD, PhD Allan S. Jaffe, MD	2023	Analytic Result Variation for High-Sensitivity Cardiac Troponin: Interpretation and Consequences	Canadian Journal of Cardiology	Volume 39, Issue 7	947 - 951		10.1016/j.cjca.2023.04.013	37094710	7.20
Hill J, Yang EH, Lefebvre D, Doran S, Graham M, van Diepen S, Raizman JE, Tsui AKY, Rowe BH.	2023	Effect of a High-Sensitivity Troponin I and Associated Diagnostic Protocol on Emergency Department Length of Stay: A Retrospective Cohort Study	Canadian Journal of Cardiology Open	Sep 14;5(12)	925-933		10.1016/j.cjco.2023.09.007	38204856	2.50
Kavsak PA, Clark L, Arnoldo S, Lou A, Shea JL, Eintracht S, Lyon AW, Bhayana V, Thorlacius L, Raizman JE, Tsui A, Djiana R, Chen M, Huang Y, Haider A, Booth RA, McCudden C, Yip PM, Beriault D, Blank D, Fung AWS, Taher J, St-Cyr J, Sharif S, Belley-Cote E, Abramson BL, Friedman SM, Cox JL, Sivilotti MLA, Chen-Tournoux A, McLaren J, Mak S, Thiruganasambandamoorthy V, Scheuermeyer F, Humphries KH, Worster A, Ko D, Aakre KM, Mills NL, Jaffe AS.	2024	Imprecision of high-sensitivity cardiac troponin assays at the female 99th-percentile	Clinical Biochemistry	125	110731		10.1016/j.clinbiochem.2024.110731		2.50
de Koning L, Orton D, Seiden Long I, Boyd J, Kellogg M, Abdullah A, Naugler C, Tsui A, Strange B, Glaser D.	2023	Distribution of videos demonstrating best practices in preventing hemolysis is associated with reduced hemolysis among nurse-collected specimens in hospitals	Clinical Biochemistry	Sep:119	110632		10.1016/j.clinbiochem.2023.110632		
Hill J, Yang EH, Lefebvre D, Doran S, Van Diepen S, Raizman JE, Tsui AKY, Rowe BH	2024	The impact of an accelerated diagnostic protocol using conventional troponin I for patients with cardiac chest pain in the emergency department	Canadian Journal of Cardiology Open	6, 7	915 - 924		10.1016/j.cjco.2024.03.008	39026624	2.50
Kavsak PA, Mills NL, Clark L, Ko DT, Sharif S, Chen-Tournoux A, Friedman SM, Belley-Cote EP, Worster A, Cox J, Thiruganasambandamoorthy V, Lou A, Taher J, Scheuermeyer F, McCudden C, Abramson BL, Eintracht S, Shea JL, Yip PM, Huang Y, Chen M, Tsui AKY, Thorlacius L, Aakre KM, Raizman JE, Fung AWS, Humphries KH, Arnoldo S, Bhayana V, Djiana R, Beriault DR, St-Cyr J, Booth RA, Blank DW, Sivilotti MLA, Jaffe AS	2024	Assay precision and risk of misclassification at rule-out cut-offs for high-sensitivity cardiac troponin	Canadian Journal of Cardiology	May 13: S0828-282X (24)00361-1			10.1016/j.cjca.2024.05.007	38750895	5.80
Orton DJ, Gifford JL, Raizman JE, Pearson GJ, Tsui AKY	2024	Increased Lp(a) Workload Volumes Reflect Uptake of the 2021 Canadian Cardiovascular Society Guidelines for Management of Dyslipidemia	Canadian Journal of Cardiology	Mar 1: S0828-282X (24)00184-3			10.1016/j.cjca.2024.02.019	38432397	5.80
Santos S, Gupta A, Tinmouth A, Butt A, Berry B, Musuka C, Cserti-Gazdewich C, Leung E, Duncan J, Mack J, Yan MTS, Bahmanyar M, Shehata N, Prokopchuk-Gauk O, Onell R, Nahirniak S, Covello T, Lin Y, Solh Y, Callum J, Shih AW	2024	How do we achieve blinding in modern electronic and paper medical records during the conduct of transfusion trials?	Transfusion	64	428-437		10.1111/trf.17738		3.30
Blais Normadin I, Rymer T, Feenstra S, Burry A, Colavecchia C, Duncan J, Farrell M, Greene A, Gupta A, Huynh Q, Lawrence R, Lehto P, Lett R, Lin Y, Lyon B, McCarthy J, Nahirniak S, Nolan B, Peddle M, Prokopchuk-Gauk O, Sham L, Trojanowski J, Shih AW.	2023	Current state of technical transfusion medicine practice for out-of-hospital blood transfusion in Canada	Vox Sanguinis	118	1086-1094		10.1111/vox.13542		2.30
Tordon B, Drews SJ, Flahr F, Bennett K, Gaziano T, Anderson D, Nahirniak S, GerGES H, Tyrrell GJ, Mah J, Ndao M, Bigham M, Seftel M.	2023	Canadian Blood Services traceback investigation of a suspected case of transfusion-transmitted malaria	Transfusion	63	2001-2006		10.1111/trf.17549		3.30

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Townsend M, Pidborochynski T, Cantor RS, Khoury M, Campbell P, Halpin A, Urschel S, Kim D, Nahirniak S, West LJ, Buchholz H, Conway J.	2023	Prospective examination of HLA sensitization after VAD implantation in children and adults	Transplant Immunology	80			10.1016/j.trim.2023.101892		1.60
Laermans J, van Remoortel H, Scheers H, Avau B, Georgsen J, Nahirniak S, Shehata N, Stanworth SJ, De Buck E, Compennolle V, Vandekerckhove P.	2023	Cost Effectiveness of Different Platelet Preparation, Storage, Selection and Dosing Methods in Platelet Transfusion: A Systematic Review	PharmacoEconomics - Open	7	679-708		10.1007/s41669-023-00427-w		
van Remoortel H, Scheers H, Avau B, Georgsen J, Nahirniak S, Shehata N, Stanworth SJ, De Buck E, Compennolle V, Vandekerckhove P.	2023	Cost-Effectiveness of Thrombopoietin Mimetics in Patients with Thrombocytopenia: A Systematic Review	PharmacoEconomics	41	869-911		10.1007/s40273-023-01271-w		
Garcia Guerra A, Ryerson L, Garros D, Nahirniak S, Granoski D, Calisin O, Sheppard C, Lequier L, Garcia Guerra G.	2023	Standard Versus Restrictive Transfusion Strategy for Pediatric Cardiac ECLS Patients: Single Center Retrospective Cohort Study	ASAIO Journal	69	681-686		10.1097/MAT.0000000000001917		
Drews Steven J., Charlton Carmen, O'Brien Sheila F., Burugu Samantha, Denomme	2024	Decreasing parvovirus B19 and hepatitis A nucleic acid test positivity rates in Canadian plasma donors following the initiation of COVID-19 restriction in March 2020	Vox Sanguinis	119	624-629		10.1111/vox.13616		
Cherry, Nicola; Adisesh, Anil; Burstyn, Igor; Charlton, Carmen; Chen, Yan; Durand-Moreau, Quentin; Labrèche, France; Ruzyski, Shannon; Turnbull, Lee Ann; Zadunayski, Tanis; Yasui, Yutaka	2024	Determinants of SARS-CoV-2 IgG response and decay in Canadian healthcare workers: A prospective cohort study	Vaccine	42	1168-1178		10.1016/j.vaccine.2024.01.052		
Thompson, L. Alexa; Plitt, Sabrina S.; Doucette, Karen; Coffin, Carla S.; Klein, Kristin B.; Robinson, Joan L.; Charlton, Carmen L.	2023	Evaluation and comparison of risk-based and universal prenatal HCV screening programs in Alberta, Canada	Journal of Hepatology	79	1121-1128		10.1016/j.jhep.2023.05.044		30.00
Zhuo, Ran; Freedman, Stephen B.; Xie, Jianling; Charlton, Carmen; Plitt, Sabrina; Croxen, Mathew A.; Li, Vincent; Tarr, Gillian A. M.; Lee, Bonita; Ali, Samina; Chui, Linda; Luong, Jasper; Pang, Xiaoli	2023	Molecular epidemiology of rotavirus among children in Western Canada: Dynamic changes in genotype prevalence in four consecutive seasons	JOURNAL OF MEDICAL VIROLOGY	95			10.1002/jmv.29028		12.70
Hahn, Lyndsey M.; Manny, Emilie; Dhaliwal, Gurvinder; Chikuma, Joyce; Robinson, Joan; Lou, Wendy; Subbarao, Padmaja; Turvey, Stuart E.; Simons, Elinor; Bell, Rhonda C.; Letourneau, Nicole; Charlton, Carmen; Mandhane, Piush J.	2023	Association of COVID-19 Government-Instituted Mask Mandates With Incidence of Mask Use Among Children in Alberta, Canada	JAMA NETWORK OPEN	6			10.1001/jamanetworkopen.2023.17358		10.50
Murphy, Tanya J.; Swail, Hanna; Jain, Jaspreet; Anderson, Maureen; Awadalla, Philip; Behl, Lesley; Brown, Patrick E.; Charlton, Carmen L.; Colwill, Karen; Drews, Steven J.; Gingras, Anne-Claude; Hinshaw, Deena; Jha, Prabhat; Kanji, Jamil N.; Kirsh, Victoria A.; Lang, Amanda L. S; Langlois, Marc-Andre; Lee, Stephen; Lewin, Antoine; O'Brien, Sheila F.; Pambrun, Chantale; Skead, Kimberly; Stephens, David A.; Stein, Derek R.; Tipples, Graham; Van Caeselele, Paul G.; Evans, Timothy G.; Oxlade, Olivia; Mazer, Bruce D.; Buckeridge, David L.	2023	The evolution of SARS-CoV-2 seroprevalence in Canada: a time-series study, 2020-2023	CANADIAN MEDICAL ASSOCIATION JOURNAL	195	E1030-E1037		10.1503/cmaj.230249		17.40
Bakal, J. A.; Rivera, R.; Charlton, C.; Plitt, S.; Power, C.	2023	Evolving etiologies, comorbidities, survival, and costs of care in adult encephalitis	JOURNAL OF NEUROVIROLOGY	29	605-613		10.1007/s13365-023-01165-9		3.70
Drews, Steven J.; Charlton, Carmen; Tran, Vanessa; Zhou, Hong Yuan; Hawes, Gordon; Resz, Ilona; O'Brien, Sheila F.	2024	Higher rates of laboratory-confirmed cases of syphilis in Western Canadian blood donors compared with Eastern Canadian blood donors following a period of societal re-opening	Vox Sanguinis				10.1111/vox.13715		
Quan J, Markovinović A, Hracs L, Ma C, Panaccione R, Kaplan GG; STOP COVID-19 in IBD Research Group, Eric I. Benchimol, Sasha Bernatsky, Gurmeet Bindra, Charles N. Bernstein, Léa Caplan, Carmen Charlton, Stephanie Coward, Kenneth Ernest-Suarez, Michelle Herauf, Jessalyn K. Holodinsky, Richard J.M. Ingram, Jamil N. Kanji, M. Ellen Kuenzig, Cathy Lu, Douglas J. Mahoney, Kerri Novak, Catherine Rowan, Cynthia H. Seow, Nastaran Sharifi, Graham Tipples, LeeAnn Turnbull,	2023	Bivalent mRNA SARS-CoV-2 vaccination in patients with inflammatory bowel disease	Lancet Gastroenterol Hepatol				doi: 10.1016/S2468-1253(23)00310-2		37.50
McCullough E, ;Gratrix J; Smyczek P; Charlton C, Plitt SS.	2024	Retrospective Review of Prenatal Gonorrhea and Chlamydia Screening in Alberta: 2018-2022	J obstet gynaecol can				doi: 10.1016/j.jogc.2023.102229		3.30
Ricketson LJ, Doucette EJ, Alatorre I, Tarannum T, Gray J, Booth W, Tipples G, Charlton C, Kanji JN, Fonseca K, Kellner JD.	2024	Pediatric antibody responses to SARS-CoV-2 after infection and vaccination in Calgary, Canada	BMC Infect Dis				DOI: 10.1186/s12879-024-09615-3		3.70
Alexa Leigh Thompson and Carmen Charlton	2024	Reply to: "Population-based screening works: Effect of integrating screening for hepatitis B and C into the general health check-up in Germany"	Journal of Hepatology				DOI: 10.1016/j.jhep.2023.12.025		26.80
Thompson LA, Plitt SS, Zhuo R, Charlton CL.	2024	The effect of first-wave COVID-19 restrictions on HCV testing in Alberta, Canada: A trend analysis from 2019 to 2022	Can Liver J				DOI: 10.3138/canlivj-2023-0027		2.40

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Shoute LCT, Charlton CL, Kanji JN, Babiuk S, Babiuk L, Chen J.	2023	Faradaic Impedimetric Immunosensor for Label-Free Point-of-Care Detection of COVID-19 Antibodies Using Gold-Interdigitated Electrode Array	Biosensors				DOI: 10.3390/bios14010006		4.90
Wang Xuan, Yu Daniel, Chui Linda, Zhou Tiantian, Feng Yu, Cao Yuhao, Zhi, Shuai	2024	A Comprehensive Review on Shiga Toxin Subtypes and Their Niche-Related Distribution Characteristics in Shiga-Toxin-Producing E. coli and Other Bacterial Hosts	Microorganisms	12			10.3390/microorganisms12040687		4.10
Qiu Yuanyuan, Freedman Stephen B, Williamson-Urquhart Sarah, Farion Ken J., Gouin, Serge, Poonai, Naveen, Schuh, Suzanne Finkelstein Yaron, Xie Jianling, Lee Bonita E, Chui Linda, Pang Xiaoli	2023	Significantly Longer Shedding of Norovirus Compared to Rotavirus and Adenovirus in Children with Acute Gastroenteritis	Viruses	15			10.3390/v15071541		3.80
Thilakarathna Surangi H, Li Vincent, Chui Linda	2024	A challenging STEC strain isolation from patients' stools: an O166:H15 STEC strain with the <i>stx2</i> gene	MICROBIOLOGY SPECTRUM	12			10.1128/spectrum.00098-24		3.70
Thilakarathna Surangi H, Chui Linda	2023	A Pilot Study to Detect Viable <i>Salmonella</i> spp. in Diarrheal Stool Using Viability Real-Time PCR as a Culture-Independent Diagnostic Tool in a Clinical Setting	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	24			10.3390/ijms24129979		4.90
Zhuo R, Freedman SB, Xie J, Charlton C, Plitt S, Croxen MA, Li V, Tarr GAM, Lee B, Ali S, Chui L, Luong J, Pang X.	2023	Molecular epidemiology of rotavirus among children in Western Canada: Dynamic changes in genotype prevalence in four consecutive seasons.	Journal of Medical Virology	95(8):e29028.			10.1002/jmv.29028.	37573569	4.30
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Tarr G, Chui L, Stanford K, Bumunang E, Zaheer R, Li V, Freedman S, Laing C, Mc	2024	Persistent cross-species transmission systems dominate Shiga toxin-producing Escherichia coli O157:H7 epidemiology in a high incidence region: a genomic epidemiology study	eLIFE				https://doi.org/10.1101/2024.04.05.588308		6.40
Pipaliya, Shweta V.; Dacks, Joel B.; Croxen, Matthew A.	2023	Genomic survey maps differences in the molecular complement of vesicle formation machinery between <i>Giardia intestinalis</i> assemblages	PLOS NEGLECTED TROPICAL DISEASES	17			10.1371/journal.pntd.0011837		
Zhuo R, Freedman SB, Xie J, Charlton C, Plitt S, Croxen MA, Li V, Tarr GAM, Lee B, Ali S, Chui L, Luong J, Pang X.	2023	Molecular epidemiology of rotavirus among children in Western Canada: Dynamic changes in genotype prevalence in four consecutive seasons.	J Med Virol				10.1002/jmv.29028	37573569	
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Williams AN, Ma A, Croxen MA, Demczuk WHB, Martin I, Tyrrell GJ.	2023	Genomic analysis of Streptococcus pneumoniae serogroup 20 isolates in Alberta, Canada from 1993-2019.	Microb Genom				10.1099/mgen.0.001141	38015202	
Long R, Croxen M, Lee R, Doroshenko A, Lau A, Asadi L, Heffernan C, Paulsen C, Egedahl ML, Lloyd C, Li V, Tyrrell G.	2024	The association between phylogenetic lineage and the subclinical phenotype of pulmonary tuberculosis: A retrospective 2-cohort study	J Infection				10.1016/j.jinf.2023.12.006	38104727	

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Osiowy, Carla; Giles, Elizabeth; Lowe, Christopher F.; Matic, Nancy; Murphy, Donald G.; Uzicanin, Samra; Drews, Steven J.; O'Brien, Sheila F.	2024	Hepatitis B virus genotype surveillance in Canadian blood donors and a referred patient population, 2016–2021	Vox Sanguinis	119	232-241		10.1111/vox.13568	38141175	2.70
O'Brien, Sheila F.; Ehsani-Moghaddam, Behrouz; Goldman, Mindy; Osmond, Lori; Fan, Wenli; Drews, Steven J.	2024	Prevalence of human T-cell lymphotropic virus-1/2 in Canada over 33 years: A unique contribution of blood donors to public health surveillance	Canadian Journal of Public Health				10.17269/s41997-024-00886-6		4.30
Renaud, Christian; Lewin, Antoine; Gregoire, Yves; Simard, Nathalie; Vallières, Émilie; Paquette, Maude; Drews, Steven J.; O'Brien, Sheila F.; Di Germanio, Clara; Busch, Michael P.; Germain, Marc; Bazin, Renée	2024	SARS-CoV-2 immunoassays in a predominantly vaccinated population: Performances and qualitative agreements obtained with two analytical approaches and four immunoassays	Vox Sanguinis		1-8		10.1111/vox.13625	38577957	
Drews, Steven J.; Charlton, Carmen; O'Brien, Sheila F.; Burugu, Samantha; Denomme, Gregory A.	2024	Decreasing parvovirus B19 and hepatitis A nucleic acid test positivity rates in Canadian plasma donors following the initiation of COVID-19 restriction in March 2020	Vox Sanguinis				10.1111/vox.13616	38482941	2.35
O'Brien, Sheila F.; Ehsani-Moghaddam, Behrouz; Goldman, Mindy; Drews, Steven J.	2024	Prevalence of Hepatitis B in Canadian First-Time Blood Donors: Association with Social Determinants of Health	Viruses	16			10.3390/v16010117	38141175	4.70
Drews, Steven J.; Kjemtrup, Anne M.; Krause, Peter J.; Lambert, Grayson; Leiby, David A.; Lewin, Antoine; O'Brien, Sheila F.; Renaud, Christian; Tonnetti, Laura; Bloch, Evan M.	2023	Transfusion-transmitted Babesia spp.: a changing landscape of epidemiology, regulation, and risk mitigation	Journal of Clinical Microbiology	61			10.1128/jcm.01268-22	37750699	11.68
Tordon, Bryan; Drews, Steven J.; Flahr, Francine; Bennett, Kathleen; Gaziano, Teresa; Anderson, Danielle; Nahiriak, Susan; Gerges, Hanan; Tyrrell, Gregory J.; Mah, Jordan; Ndao, Momar; Bigham, Mark; Seftel, Matthew	2023	Canadian Blood Services traceback investigation of a suspected case of transfusion-transmitted malaria	Transfusion	63	2001-2006		10.1111/trf.17549	37715564	3.30
O'Brien SF, Goldman M, Ehsani-Moghaddam B, Fan W, Osmond L, Pambrun C, Drews SJ	2024	SARS-CoV-2 vaccination in Canadian blood donors: Insight into donor representativeness of the general population.	Vaccine X	18	1-7		10.1016/j.jvacx.2024.100498	38800670	
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O'Brien SF, Deeks SL, Hatchette T, Pambrun C, Drews SJ	2024	SARS-CoV-2 seroprevalence in Nova Scotia blood donors.	J Assoc Med Microbiol Infect Dis Can	9(1)	32-45		10.3138/jammi-2023-0017	PMC10984316	
Drews, SJ	2024	Commentary on "Inhibition of cellular activation induced by platelet factor 4 via the CXCR3 pathway ameliorates Japanese encephalitis and dengue viral infections"	J Thromb Haemost	22(3)	609-612		10.1016/j.jtha.2023.12.001	38417982	10.40
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Riopel, Nicholas D.; Long, Richard; Heffernan, Courtney; Tyrrell, Gregory J.; Shandro, Cary; Li, Vincent; Islam, Md Rashedul; Stobart, Michael; Sharma, Meenu K.; Soualhine, Hafid; Cooper, Ryan	2024	Characterization of Mycobacterium orygis, Mycobacterium bovis, and Mycobacterium caprae Infections in Humans in Western Canada	JOURNAL OF INFECTIOUS DISEASES		1-9		10.1093/infdis/jiae124	38456644	5.23
Sharma, M.K., M. Stobart, P-M. Akochy, H. Adam, D. Janella, M. Rabb, M. Alawa, I. Sekirov, G.J. Tyrrell and H. Soualhine.	2024	Evaluation of whole genome sequence-based drug resistance prediction to first line anti-tuberculosis drugs: a lesson from 5 years of data.	International Journal of Molecular Sciences.	25	1-14		doi: 10.3390/ijms25116245.	38892433	4.90
Griffith, A, A.R. Golden, B. Lefebvre, A. McGeer, G.J. Tyrrell, G.G. Zhanel, J.V. Kus, L. Hoang, P. Van Caeseele, H. Smadi, D. Haldane, Y. Yu, X. Ding, L. Steven, J. McFazden, K. Franklin and I. Martin.	2024	Invasive pneumococcal disease surveillance in Canada, 2021-2022.	Canada Communicable Disease Report (CCDR).	50(5)	121-134		doi.org/10.14745/ccdr.v50i05a02.	38835503	
Golden, A.R., A. Griffith, G.J. Tyrrell, J.V. Kus, A. McGeer, M-C. Domingo, L. Hoang, P. Van Caeseele, H. Smadi, D. Haldane, Y. Yu, X. Ding, L. Steve, J. McFadzen, C. Primeau and I. Martin	2024	Invasive group A streptococcal disease surveillance in Canada, 2021 and 2022.	Canada Communicable Disease Reports (CCDR).	50(5)	135-143		doi.org/10.14745/ccdr.v50i05a03.	38835501	
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Amir Hossein Hosseini Akbarnejad, Gilbert Bigras, Nilanjan Ray	2024	GPEX, A Framework For Interpreting Artificial Neural Networks	NeurIPS Proceedings				10.5555/3666122.3668926		
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Solez K, Gordon E, Farris AB, Cornell L	2023	Open invitation to contribute ideas to a multifaceted approach to ethics in xenotransplantation	Xenotransplantation	30			10.1111/xen.12827	37712318	3.30
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Tao, Jeffrey; Zhang, Hongquan; Weinfeld, Michael; Le, X. Chris	2024	Detection of uracil-excising DNA glycosylases in cancer cell samples using a three-dimensional DNzyme walker	ACS Measurement Science Au	4			10.1021/acsmeasuresciau.4c00011		4.60
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Hu, Jianyu; Yan, Xiaowen; Le, X. Chris	2024	Label-free detection of biomolecules using inductively coupled plasma mass spectrometry (ICP-MS)	Analytical and Bioanalytical Chemistry	416	2625-2640		10.1007/s00216-023-05106-7	38175283	3.80
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Feng, Wei; Peng, Hanyong; Zhang, Hongquan; Weinfeld, Michael; Le, X. Chris	2024	A sensitive technique unravels the kinetics of activation and trans-cleavage of CRISPR-Cas systems	Angewandte Chemie - International Edition	63	e202404069		10.1002/anie.202404069	38526321	16.10
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H Xiao, JY Xu, Y Liu, W Feng, B Pang, J Tao, H Zhang	2024	Integration of a Cas12a-mediated DNAzyme actuator with efficient RNA extraction for ultrasensitive colorimetric detection of viral RNA	Biosensors and Bioelectronics	260	116429		https://doi.org/10.1016/j.bios.2024.116429		10.70