



Infolettre

Vos publications de recherche - avril-mai-juin 2020

CpG Methylation in TGF β 1 and IL-6 Genes as Surrogate Biomarkers for Diagnosis of IBD in Children.

Samarani S, Dupont-Lucas C, Marcil V, Mack D, Israel D, Deslandres C, Jantchou P, **Ahmad A**, Amre D. *Inflamm Bowel Dis*. 2020 May 14.

HIV incidence and risk contributing factors among men who have sex with men in Benin: A prospective cohort study.

Hessou SPH, Glele-Ahanhanzo Y, Adekpedjou R, Ahoussinou C, Djade CD, Biaou A, Johnson CR, Boko M, **Alary M**. *PLoS One*. 2020 Jun 9.

Comparison of adherence measurement tools used in a pre-exposure prophylaxis demonstration study among female sex workers in Benin.

Mboup A, Béhanzin L, Guédou F, Giguère K, Geraldo N, Zannou DM, Kêkê RK, Bachabi M, Gangbo F, Affolabi D, Marzinke MA, Hendrix C, **Diabaté S**, **Alary M**. *Medicine (Baltimore)*. 2020 May 22.

Targeting the interleukin-17 pathway to prevent acute respiratory distress syndrome associated with SARS-CoV-2 infection.

Wiche Salinas TR, Zheng B, **Routy JP**, **Ancuta P**. *Respirology*. 2020 Jun 17.

Improving HIV Outgrowth by Optimizing Cell-Culture Conditions and Supplementing With *all-trans* Retinoic Acid.

Zhang Y, Planas D, Raymond Marchand L, Massanella M, Chen H, Wacleche VS, Gosselin A, Goulet JP, Filion M, **Routy JP**, **Chomont N**, **Ancuta P**. *Front Microbiol*. 2020 May 15.

Brief Report: Virologic Response by Baseline Viral Load With Dolutegravir Plus Lamivudine vs Dolutegravir Plus Tenofovir Disoproxil Fumarate/Emtricitabine: Pooled Analysis.

Eron J, Hung CC, **Baril JG**, Slim J, Falcó V, Bogner J, Maggiolo F, Mills A, Sievers J, Man CY, Urbaityte R, Underwood M, Tenorio AR, Pappa KA, Wynne B, Koteff J, Gartland M, Smith KY, Aboud M. *J Acquir Immune Defic Syndr*. 2020 May 1.

A Sensitive and Accurate Recombinase Polymerase Amplification Assay for Detection of the Primary Bacterial Pathogens Causing Bovine Respiratory Disease.

Conrad CC, Daher RK, Stanford K, Amoako KK, Boissinot M, **Bergeron MG**, Alexander T, Cook S, Ralston B, Zaheer R, Niu YD, McAllister T. *Front Vet Sci*. 2020 Apr 22.



Droplet Digital PCR and Immunohistochemistry Techniques to Detect Zika Virus in the Central Nervous System of Mice.

Enlow W, Piret J, **Boivin G**. *Methods Mol Biol*. 2020.

Sexually Transmitted and Blood-Borne Infections in Pregnant Women and Adverse Pregnancy Outcomes.

D'Aiuto C, Valderrama A, Byrns M, **Boucoiran I**. *J Obstet Gynaecol Can*. 2020 May 14.

Fuzzy cognitive mapping with Inuit women: what needs to change to improve cervical cancer screening in Nunavik, northern Quebec?

Tratt E, Sarmiento I, Gamelin R, Nayoumealuk J, Andersson N, **Brassard P**. *BMC Health Serv Res*. 2020 Jun 11.

Effects of updated demography, disability weights, and cervical cancer burden on estimates of human papillomavirus vaccination impact at the global, regional, and national levels: a PRIME modelling study.

Abbas KM, van Zandvoort K, **Brisson M**, Jit M. *Lancet Glob Health*. 2020 Apr 08.

Efavirenz and cognition that matters.

Brouillette MJ, Fellows LK, Mayo NE. *AIDS*. 2020 Jun 1.

Development and usability of a feedback tool, "My Personal Brain Health Dashboard", to improve setting of self-management goals among people living with HIV in Canada.

Mozafarinia M, Rajabiyazdi F, **Brouillette MJ**, Fellows LK, Mayo NE. *Qual Life Res*. 2020 Jun 18.

Harm Reduction Coverage and Hepatitis C Incidence: Findings From a Cohort of People Who Inject Drugs.

Minoyan N, Artenie AA, Zang G, **Jutras-Aswad D**, Turcotte MÈ, **Bruneau J**. *Am J Prev Med*. 2020 Jun.

Global opioid agonist treatment: a review of clinical practices by country.

Jin H, Marshall BDL, Degenhardt L, Strang J, Hickman M, Fiellin DA, Ali R, **Bruneau J**, Larney S. *Addiction*. 2020 Apr 14.

Effect of low-osmolar iopamidol or iso-osmolar iodixanol on heart rate and experienced pain during ECG-gated cardiac CT.

Morency C, Sadouni M, Noiseux N, **Durand M**, Stevens LM, **Chartrand-Lefebvre C**. *Clin Imaging*. 2020 Jun 10.



High levels of genetically intact HIV in HLA-DR+ memory T cells indicates their value for reservoir studies.

Horsburgh BA, Lee E, Hiener B, Eden JS, Schlub TE, von Stockenstrom S, Odevall L, Milush JM, Liegler T, Sinclair E, Hoh R, Boritz EA, Douek DC, Fromentin R, **Chomont N**, Deeks SG, Hecht FM, Palmer S. *AIDS*. 2020 Apr 1.

The Biology of the HIV-1 Latent Reservoir and Implications for Cure Strategies.

Cohn LB, **Chomont N**, Deeks SG. *Cell Host Microbe*. 2020 Apr 8.

Highlights of the 9th edition of the Conference on HIV Persistence During Therapy, 10-13 December 2019, Miami, USA.

Psomas CK, Salzwedel K, Stevenson M, Poli G, **Routy JP**, Margolis D, **Chomont N**, Lafeuillade A. *J Virus Erad*. 2020 Apr 30.

Safety and immunogenicity of Ad26 and MVA vaccines in acutely treated HIV and effect on viral rebound after antiretroviral therapy interruption.

Colby DJ, Sarnecki M, Barouch DH, Tipsuk S, Stieh DJ, Kroon E, Schuetz A, Intasan J, Sacdalan C, Pinyakorn S, Grandin P, Song H, Tovanabutra S, Shubin Z, Kim D, Paquin-Proulx D, Eller MA, Thomas R, de Souza M, Wiczorek L, Polonis VR, Pagliuzza A, **Chomont N**, Peter L, Nkolola JP, Vingerhoets J, Truysers C, Pau MG, Schuitemaker H, Phanuphak N, Michael N, Robb ML, Tomaka FL, Ananworanich J. *Nat Med*. 2020 Apr 26.

Preferential infection of $\alpha 4\beta 7+$ memory CD4+ T cells during early acute HIV-1 infection.

Tokarev A, McKinnon LR, Pagliuzza A, Sivro A, Omole TE, Kroon E, Chomchey N, Phanuphak N, Schuetz A, Robb ML, Eller MA, Ananworanich J, **Chomont N**, Bolton DL. *Clin Infect Dis*. 2020 Apr 29.

Virologic and immunologic features of SIV control post ART interruption in rhesus macaques.

Strongin Z, Micci L, Fromentin R, Harper J, McBrien J, Ryan E, Shenvi N, Easley K, **Chomont N**, Silvestri G, Paiardini M. *J Virol*. 2020 Apr 29.

Continuous prophylactic ARV/ART since birth reduces seeding and persistence of the viral reservoir in vertically HIV-infected children.

Massanella M, Puthanakit T, Leyre L, Jupimai T, Sawangsinth P, de Souza M, Suntarattiwong P, Kosalarksa P, Borkird T, Kanjanavanit S, Chokephaibulkit K, Hansudewechakul R, Petdachai W, Mitchell JL, Robb ML, Trautmann L, Ananworanich J, **Chomont N**. *Clin Infect Dis*. 2020 Jun 5.

Neutralizing antibody VRC01 failed to select for HIV-1 mutations upon viral rebound.

Cale EM, Bai H, Bose M, Messina MA, Colby DJ, Sanders-Buell E, Dearlove B, Li Y, Engeman E, Silas D, O'Sullivan AM, Mann B, Pinyakorn S, Intasan J, Benjapornpong K, Sacdalan C, Kroon E, Phanuphak N, Gramzinski R, Vasani S, Robb ML, Michael NL, Lynch RM, Bailer RT, Pagliuzza



A, **Chomont N**, Pegu A, Doria-Rose NA, Trautmann L, Crowell TA, Mascola JR, Ananworanich J, Tovanabutra S, Rolland M; RV397 Study Group. *J Clin Invest.* 2020 Jun 1.

Intact HIV reservoir estimated by the intact proviral DNA assay correlates with levels of total and integrated DNA in the blood during suppressive antiretroviral therapy.

Papasavvas E, Azzoni L, Ross BN, Fair M, Yuan Z, Gyampoh K, Mackiewicz A, Sciorillo AC, Paggiuzza A, Lada SM, Wu G, Goh SL, Bahnck-Teets C, Holder DJ, Zuck PD, Damra M, Lynn KM, Tebas P, Mounzer K, Kostman JR, Abdel-Mohsen M, Richman D, **Chomont N**, Howell BJ, Montaner LJ. *Clin Infect Dis.* 2020 Jun 18.

Reply to: Benefits of cannabis use for metabolic disorders and survival in people living with HIV with or without hepatitis C.

Costiniuk CT, Jenabian MA. *AIDS.* 2020 May 1.

Primary lung cancer diagnoses in people living with HIV in a large clinical centre in Montreal, Canada over 3 decades.

Bichara B, **Routy JP**, Ezer N, **Costiniuk CT.** *AIDS Care.* 2020 May 6.

Acute inflammation and pathogenesis of SARS-CoV-2 infection: Cannabidiol as a potential anti-inflammatory treatment?

Costiniuk CT, Jenabian MA. *Cytokine Growth Factor Rev.* 2020 Jun.

Effectiveness of a Web-Based Intervention to Support Medication Adherence Among People Living With HIV: Web-Based Randomized Controlled Trial.

Côté J, Rouleau G, **Ramirez-Garcia MP**, Auger P, **Thomas R**, Leblanc J. *JMIR Public Health Surveill.* 2020 Apr 20.

A guided participation nursing intervention to therapeutic positioning and care (GP_Posit) for mothers of preterm infants: protocol of a pilot randomized controlled trial.

Lavallée A, Aita M, **Côté J**, Bell L, Luu TM. *Pilot Feasibility Stud.* 2020 May 26.

A study of type-specific HPV natural history and implications for contemporary cervical cancer screening programs.

Demarco M, Hyun N, Carter-Pokras O, Raine-Bennett TR, Cheung L, Chen X, Hammer A, Campos N, Kinney W, Gage JC, Befano B, Perkins RB, He X, Dallal C, Chen J, Poitras N, Mayrand MH, **Coutlee F**, Burk RD, Lorey T, Castle PE, Wentzensen N, Schiffman M. *EClinicalMedicine.* 2020 Apr 25.



Patients infected with *Mycobacterium africanum* versus *Mycobacterium tuberculosis* possess distinct intestinal microbiota.

Namasivayam S, Diarra B, **Diabate S**, Sarro YDS, Kone A, Kone B, Tolofoudie M, Baya B, Diakite MT, Kodio O, Cohen K, Holl J, Achenbach CJ, Chatterjee S, Murphy RL, Bishai W, Diallo S, Sher A, Maiga M. *PLoS Negl Trop Dis*. 2020 May 13.

Pre-exposure prophylaxis among men who have sex with men in Côte d'Ivoire: a quantitative study of acceptability.

Diabaté S, Kra O, Biékoua YJ, Pelletier SJ, Osso DG, Diané B, N'Dhatz-Ebagnitchié M, Ahouada C, Kobena AK, **Alary M**. *AIDS Care*. 2020 Jun 30.

Rates of Incomplete Resection of 1-20 mm Colorectal Polyps: A Systematic Review and Meta-Analysis.

Djimbachian R, Iratni R, **Durand M**, Marques P, von Renteln D. *Gastroenterology*. 2020 May 8.

Antileishmanial Drugs Modulate IL-12 Expression and Inflammasome Activation in Primary Human Cells.

André S, Rodrigues V, Pemberton S, Laforge M, Fortier Y, Cordeiro-da-Silva A, MacDougall J, **Estaquier J**. *J Immunol*. 2020 Apr 1.

Trauma-Informed Practices to Address Intersections Between HIV and Intimate Partner Violence Among Women: Perspective of Community Service Providers.

Désilets L, **Fernet M**, **Otis J**, Cousineau MM, Massie L, **De Pokomandy A**, Nengeh Mensah M.J *Assoc Nurses AIDS Care*. 2020 Mar-Apr;31.

Sexual self-concept among men and women child sexual abuse survivors: Emergence of differentiated profiles.

Guyon R, **Fernet M**, Canivet C, Tardif M, Godbout N. *Child Abuse Negl*. 2020 June.

Elicitation of Cluster A and Co-Receptor Binding Site Antibodies are required to Eliminate HIV-1 Infected Cells.

Beaudoin-Bussièrès G, Prévost J, Gendron-Lepage G, Melillo B, Chen J, Smith Iii AB, Pazgier M, **Finzi A**. *Microorganisms*. 2020 May 11.

The HIV-1 Env gp120 Inner Domain Shapes the Phe43 Cavity and the CD4 Binding Site.

Prévost J, Tolbert WD, Medjahed H, Sherburn RT, Madani N, Zoubchenok D, Gendron-Lepage G, Gaffney AE, Grenier MC, Kirk S, Vergara N, Han C, Mann BT, Chénine AL, Ahmed A, Chaiken I, Kirchhoff F, Hahn BH, Haim H, Abrams CF, Smith AB 3rd, Sodroski J, Pazgier M, **Finzi A**. *mBio*. 2020 May 26.

The Conformational States of the HIV-1 Envelope Glycoproteins.

Wang Q, **Finzi A**, Sodroski J. *Trends Microbiol*. 2020 May 14.



Cross-sectional evaluation of humoral responses against SARS-CoV-2 Spike.

Prévost J, Gasser R, Beaudoin-Bussièrès G, Richard J, Duerr R, Laumaea A, Anand SP, Goyette G, Ding S, Medjahed H, Lewin A, Perreault J, Tremblay T, Gendron-Lepage G, Gauthier N, Carrier M, Marcoux D, Piché A, Lavoie M, Benoit A, Loungnarath V, Brochu G, Desforges M, Talbot PJ, Gould Maule GT, Côté M, Therrien C, Serhir B, Bazin R, **Roger M**, **Finzi A**. *Version 2. bioRxiv. 2020 Jun 10.*

Modeling the Balance of Benefits and Harms of Cervical Cancer Screening with Cytology and Human Papillomavirus Testing.

Malagón T, Mayrand MH, Ogilvie G, Gotlieb WH, Blake J, Bouchard C, **Franco EL**, Kulasingam S. *Cancer Epidemiol Biomarkers Prev. 2020 Apr 24.*

Surgeon and hospital volume outcomes in bariatric surgery: a population-level study.

Bouchard P, Demyttenaere S, Court O, **Franco EL**, Andalib A. *Surg Obes Relat Dis. 2020 May 16.*

Cumulative risk of cervical intraepithelial neoplasia for women with normal cytology but positive for human papillomavirus: Systematic review and meta-analysis.

Malagón T, Volesky KD, Bouten S, Laprise C, El-Zein M, **Franco EL**. *Int J Cancer. 2020 May 4.*

Directionality of genital human papillomavirus infection transmission within heterosexual couples: a systematic review and meta-analysis.

Balaji R, MacCosham A, Williams K, El-Zein M, **Franco EL**. *J Infect Dis. 2020 Jun 3.*

Characterization of the vaginal microbiome in women of reproductive age from five regions in Brazil.

Marconi C, El-Zein M, Ravel J, Ma B, Lima MD, Carvalho NS, Alves RRF, Parada CMGL, Leite SHM, Giraldo PC, Gonçalves AK, **Franco EL**, da Silva MG. *Sex Transm Dis. 2020 Jun 8.*

Prevention and control of HPV infection and HPV-related cancers in Colombia- a meeting report.

Vorsters A, Bosch FX, Bonanni P, **Franco EL**, Baay M, Simas C, Waheed DE, Castro C, Murillo R, Trujillo L, Wiesner C, Muñoz N. *BMC Proc. 2020 Jun 22.*

Defining benchmarks for tolerable risk thresholds in cancer screening: Impact of HPV vaccination on the future of cervical cancer screening.

Tota JE, Isidean SD, **Franco EL**. *Int J Cancer. 2020 Jun 25.*

Platelets Disseminate Extracellular Vesicles in Lymph in Rheumatoid Arthritis.

Tessandier N, Melki I, Cloutier N, Allaeyes I, Miszta A, Tan S, Milasan A, Michel S, Benmoussa A, Lévesque T, Côté F, McKenzie SE, **Gilbert C**, Provost P, Brisson AR, Wolberg AS, Fortin PR, Martel C, Boilard É. *Arterioscler Thromb Vasc Biol. 2020 April.*



Beyond will: the empowerment conditions needed to abandon female genital mutilation in Conakry (Guinea), a focused ethnography.

Doucet MH, Delamou A, Manet H, **Groleau D**. *Reprod Health*. 2020 May 6.

Serum and cervicovaginal IgG immune responses against $\alpha 7$ and $\alpha 9$ HPV in non-vaccinated women at risk for cervical cancer: Implication for catch-up prophylactic HPV vaccination.

Mboumba Bouassa RS, Péré H, Gubavu C, Prazuck T, **Jenabian MA**, Veyer D, Meye JF, Touzé A, Bélec L. *PLoS One*. 2020 May 18.

Escalating and sustained immunovirological dissociation among antiretroviral drug-experienced perinatally human immunodeficiency virus-1-infected children and adolescents living in the Central African Republic: A STROBE-compliant study.

Mossoro-Kpinde CD, Gody JC, Mboumba Bouassa RS, Moussa S, **Jenabian MA**, Péré H, Charpentier C, Matta M, Longo JD, Grésenguet G, Djoba Siawaya JF, Bélec L. *Medicine (Baltimore)*. 2020 May 22.

Potential pitfalls of routine SARS-CoV-2 serology for mass screening.

Bélec L, Péré H, Mboumba Bouassa RS, Veyer D, **Jenabian MA**. *J Med Virol*. 2020 Jun 2.

Purifying Selection in Human Immunodeficiency Virus-1 *pol* Gene in Perinatally Human Immunodeficiency Virus-1-Infected Children Harboring Discordant Immunological Response and Virological Nonresponse to Long-Term Antiretroviral Therapy.

Mboumba Bouassa RS, Pere H, Mossoro-Kpinde CD, Roques P, Gody JC, Moussa S, Veyer D, Gresenguet G, Charpentier C, **Jenabian MA**, Djoba Siawaya JF, Belec L. *J Clin Med Res*. 2020 Jun 12.

Potential pitfalls of routine SARS-CoV-2 serology for mass screening.

Bélec L, Péré H, Mboumba Bouassa RS, Veyer D, **Jenabian MA**. *J Med Virol*. 2020 Jun 2.

Purifying Selection in Human Immunodeficiency Virus-1 *pol* Gene in Perinatally Human Immunodeficiency Virus-1-Infected Children Harboring Discordant Immunological Response and Virological Nonresponse to Long-Term Antiretroviral Therapy.

Mboumba Bouassa RS, Pere H, Mossoro-Kpinde CD, Roques P, Gody JC, Moussa S, Veyer D, Gresenguet G, Charpentier C, **Jenabian MA**, Djoba Siawaya JF, Belec L. *J Clin Med Res*. 2020 Jun 12.

Depression and Outcomes of Methadone and Buprenorphine Treatment Among People with Opioid Use Disorders: A Literature Review.

Ghabrash MF, Bahremand A, Veilleux M, Blais-Normandin G, Chicoine G, Sutra-Cole C, Kaur N, Ziegler D, Dubreucq S, Juteau LC, Lestage L, **Jutras-Aswad D**. *J Dual Diagn*. 2020 Apr-June.



Management of psychosis in the context of cannabis use: Beyond the chicken or the egg question.

Ouellet-Plamondon C, Dubreucq S, **Jutras-Aswad D**. *Paediatr Child Health*. 2020 Jun 25.

Assessing the current state of medical education on cannabis in Canada: Preliminary findings from Quebec.

Elkrief L, Belliveau J, D'Ignazio T, Simard P, **Jutras-Aswad D**. *Paediatr Child Health*. 2020 Jun 25.

A systematic review of technology-based psychotherapeutic interventions for decreasing cannabis use in patients with psychosis.

Tatar O, Bastien G, Abdel-Baki A, Huynh C, **Jutras-Aswad D**. *Psychiatry Res*. 2020 June.

Specialized assertive community treatment intervention for homeless youth with first episode psychosis and substance use disorder: A 2-year follow-up study.

Doré-Gauthier V, Miron JP, **Jutras-Aswad D**, Ouellet-Plamondon C, Abdel-Baki A. *Early Interv Psychiatry*. 2020 Apr 14.

Challenges to achieving and maintaining viral suppression among children living with HIV.

Kakkar F, Lee T, Hawkes MT, Brophy J, Lindy S, Singer J, Dieumegard H, Sauve L, Alimenti A, Vaudry W, Seigel S, Tan B, Karatzios C, Lamarre V, Read S, **Soudeyns H**, Bitnun A; EPIC4 Study Group. *AIDS*. 2020 Apr 1.

Pregnancies Among the First Generation of Survivors of Perinatal HIV Infection.

Trahan MJ, Boucher M, Renaud C, Karatzios C, Metras ME, Valois S, Ransy DG, Lamarre V, **Kakkar F**. *J Obstet Gynaecol Can*. 2020 April.

Persistent expansion and Th1-like skewing of HIV-specific circulating T follicular helper cells during antiretroviral therapy.

Niessl J, Baxter AE, Morou A, Brunet-Ratnasingham E, Sannier G, Gendron-Lepage G, Richard J, Delgado GG, Brassard N, Turcotte I, Fromentin R, **Bernard NF, Chomont N, Routy JP, Dubé M, Finzi A, Kaufmann DE**. *EBioMedicine*. 2020 April.

VSV-Displayed HIV-1 Envelope Identifies Broadly Neutralizing Antibodies Class-Switched to IgG and IgA.

Jia M, Liberatore RA, Guo Y, Chan KW, Pan R, Lu H, Waltari E, Mittler E, Chandran K, **Finzi A, Kaufmann DE**, Seaman MS, Ho DD, Shapiro L, Sheng Z, Kong XP, Bieniasz PD, Wu X. *Cell Host Microbe*. 2020 Jun 10.

Liver fibrosis in HIV-Hepatitis C virus (HCV) co-infection before and after sustained virologic response: what is the best non-invasive marker for monitoring regression?

Kronfli N, Young J, Wang S, **Cox J**, Walmsley S, Hull M, Cooper C, **Martel-Laferrriere V**, Wong A, Pick N, **Klein MB**; Canadian Co-infection Cohort Study Investigators. *Clin Infect Dis*. 2020 Jun 5.



Synthetic nucleic acid antibody prophylaxis confers rapid and durable protective immunity against Zika virus challenge.

Choi H, Kudchodkar SB, Reuschel EL, Asija K, Borole P, Agarwal S, Van Gorder L, Reed CC, Gulendran G, Ramos S, Broderick KE, Kim JJ, Ugen KE, **Kobinger G**, Siegel DL, Weiner DB, Muthumani K. *Hum Vaccin Immunother.* 2020 Apr 2.

The Cellular Impact of the ZIKA Virus on Male Reproductive Tract Immunology and Physiology. Almeida RDN, Braz-de-Melo HA, Santos IO, Corrêa R, **Kobinger GP**, Magalhaes KG. *Cells.* 2020 Apr 18.

Safety and immunogenicity of vesicular stomatitis virus-based vaccines for Ebola virus disease. de La Vega MA, **Kobinger GP.** *Lancet Infect Dis.* 2020 Apr 20.

Clinical and epidemiological performance of WHO Ebola case definitions: a systematic review and meta-analysis.

Caleo G, Theocharaki F, Lokuge K, Weiss HA, Inamdar L, Grandesso F, Danis K, Pedalino B, **Kobinger G**, Sprecher A, Greig J, Di Tanna GL. *Lancet Infect Dis.* 2020 Jun 25.

COVID-19: viral-host interactome analyzed by network based-approach model to study pathogenesis of SARS-CoV-2 infection.

Messina F, Giombini E, Agrati C, Vairo F, Ascoli Bartoli T, Al Moghazi S, Piacentini M, Locatelli F, **Kobinger G**, Maeurer M, Zumla A, Capobianchi MR, Lauria FN, Ippolito G; COVID 19 INMI Network Medicine for IDs Study Group. *Version 2. J Transl Med.* 2020 Jun 10.

Cyclophilin D Regulates Antiviral CD8⁺ T Cell Survival in a Cell-Extrinsic Manner.

Condotta SA, Downey J, Pardy RD, Valbon SF, Tarrab E, **Lamarre A**, Divangahi M, Richer MJ. *Immunohorizons.* 2020 Apr 24.

Differential pressures of SERINC5 and IFITM3 on HIV-1 envelope glycoprotein over the course of HIV-1 infection.

Beitari S, Pan Q, **Finzi A**, **Liang C.** *J Virol.* 2020 Jun 3.

The role of prison-based interventions for hepatitis C virus (HCV) micro-elimination among people who inject drugs in Montréal, Canada.

Godin A, **Kronfli N**, **Cox J**, **Alary M**, **Maheu-Giroux M.** *Int J Drug Policy.* 2020 Apr 8.

Pan-retroviral Nucleocapsid-Mediated Phase Separation Regulates Genomic RNA Positioning and Trafficking.

Monette A, Niu M, Chen L, Rao S, Gorelick RJ, **Mouland AJ.** *Cell Rep.* 2020 Apr 21.

A Bifunctional Nucleoside Probe for the Inhibition of the Human Immunodeficiency Virus-Type 1 Reverse Transcriptase.



Shaw TA, Ablenas CJ, Desrochers GF, Powdrill MH, Bilodeau DA, Vincent-Rocan JF, Niu M, Monette A, **Mouland AJ**, Beauchemin AM, Pezacki JP. *Bioconjug Chem*. 2020 May 20.

Isolation of Extracellular Vesicles from *Leishmania* spp.

Vucetic A, Filho ADSL, Dong G, **Olivier M**. *Methods Mol Biol*. 2020.

Assessing Gaps in Comprehensive HIV Care Across Settings of Care for Women Living with HIV in Canada.

O'Brien N, Godard-Sebillotte C, Skerritt L, Dayle J, Carter A, Law S, **Cox J**, Andersson N, Kaida A, Loutfy M, **de Pokomandy A**; CHIWOS Research Team. *J Womens Health (Larchmt)*. 2020 Jun 5.

Codesigning care improvements for women living with HIV: a patient-oriented deliberative dialogue workshop in Montréal, Quebec.

O'Brien N, Law S, Proulx-Boucher K, Ménard B, Skerritt L, **Boucoiran I**, **Cox J**, Andersson N, **de Pokomandy A**. *CMAJ Open*. 2020 Apr 17.

Social Determinants of Health and Retention in HIV Care Among Recently Incarcerated Women Living with HIV in Canada.

Gormley R, Lin SY, Carter A, Nicholson V, Webster K, Martin RE, Milloy MJ, Pick N, Howard T, Wang L, **de Pokomandy A**, Loutfy M, Kaida A; CHIWOS Research Team. *AIDS Behav*. 2020 Apr 24.

Prevalence and mechanisms of azole resistance in clinical isolates of *Aspergillus section Fumigati* species in a Canadian tertiary care centre, 2000 to 2013.

Parent-Michaud M, Dufresne PJ, Fournier E, Folch B, Martineau C, Moreira S, Doucet N, **De Repentigny L**, Dufresne SF. *J Antimicrob Chemother*. 2020 Apr 1.

TIGIT is upregulated by HIV-1 infection and marks a highly functional adaptive and mature subset of natural killer cells.

Vendrame E, Seiler C, Ranganath T, Zhao NQ, Vergara R, **Alary M**, Labbé AC, Guédou F, **Poudrier J**, Holmes S, **Roger M**, Blish CA. *AIDS*. 2020 May 1.

Daily variations of gut microbial translocation markers in ART-treated HIV-infected people.

Ouyang J, Isnard S, Lin J, Fombuena B, Chatterjee D, Wiche Salinas TR, Planas D, Cattin A, Fert A, Moreira Gabriel E, Raymond Marchand L, Zhang Y, Finkelman M, Chen Y, **Kaufmann DE**, Cermakian N, **Ancuta P**, **Routy JP**. *AIDS Res Ther*. 2020 May 12.

Prevalence, predictors and severity of lean non-alcoholic fatty liver disease in HIV-infected patients.

Cervo A, Milic J, Mazzola G, Schepis F, Petta S, Krahn T, **Lebouche B**, **Deschenes M**, Cascio A, Guaraldi G, **Sebastiani G**. *Clin Infect Dis*. 2020 Apr 13.



Non-alcoholic fatty liver disease predicts development of metabolic comorbidities in HIV-infected patients.

Krahn T, Martel M, Sapir-Pichhadze R, **Kronfli N**, J F, G G, B L, **Klein MB**, Wong P, **Deschenes M**, Ghali P, **Sebastiani G**. *J Infect Dis*. 2020 Apr 6.

Increased carotid artery wall stiffness and plaque prevalence in HIV infected patients measured with ultrasound elastography.

Roy Cardinal MH, **Durand M**, **Chartrand-Lefebvre C**, **Fortin C**, **Baril JG**, **Trottier B**, **Routy JP**, Soulez G, **Tremblay C**, Cloutier G. *Eur Radiol*. 2020 Jun 30.

Antibodies to human papillomavirus types 6, 11, 16 and 18: Vertical transmission and clearance in children up to two years of age.

Zahreddine M, Mayrand MH, Therrien C, Trevisan A, Dagenais C, Monnier P, Laporte L, Niyibizi J, Deshaies C, Carceller AM, Fraser W, **Brassard P**, Lacroix J, Bédard MJ, Girard I, Audibert F, **Coutlée F**, **Trottier H**. *EClinicalMedicine*. 2020 Apr 7.

Correlation between cervical HPV DNA detection and HPV16 seroreactivity measured with L1-only and L1+L2 viral capsid antigens.

Trevisan A, Candeias JMG, Thomann P, Villa LL, **Franco EL**, **Trottier H**, The Ludwig-McGill Study Group. *J Med Microbiol*. 2020 Jun 8.