

Infectious Diseases Publications 2019 (revised 2019-09-04)

Title	Authors	Link / citation
1. Is there a fundamental flaw in Canada's postarrival immigrant surveillance system for tuberculosis?	Long R, Asadi L , Heffernan C, Barrie J, Winter C, Egedahl mL, Paulsen C, Kunimoto B, Menzies D	Is there a fundamental flaw in Canada's postarrival immigrant surveillance system for tuberculosis? PLoS One 2019;14(3): e0212706
2. Perioperative prophylaxis with ertapenem reduced infections caused by extended-spectrum betalactamase-producing Enterobacteriaceae after kidney transplantation	Sanclemente G, Bodro M, Cervera C , Linares L, Cofán F, Marco F, Bosch J, Oppenheimer F, Dleckmann F, Moreno A.	Perioperative prophylaxis with ertapenem reduced infections caused by extended-spectrum betalactamase-producing Enterobacteriaceae after kidney transplantation BMC Nephrology 2019;20(1):274
3. Xanthogranulomatous prostatitis presenting as Pseudomonas aeruginosa prostatic abscesses: An uncommon complication after kidney transplantation	Belga S, Chen W, Low G, Cervera C	Xanthogranulomatous prostatitis presenting as Pseudomonas aeruginosa prostatic abscesses: An uncommon complication after kidney transplantation ID Cases 2019;17:e00559
4. Faecal microbiota from patients with cirrhosis has a low capacity to ferment non-digestible carbohydrates into short-chain fatty acids	Jin M, Kalainy S, Baskota N, Chiang D, Deehan EC, McDougall C, Tandon P, Martínez I, Cervera C , Walter J, Abrales JG	Faecal microbiota from patients with cirrhosis has a low capacity to ferment non-digestible carbohydrates into short-chain fatty acids Liver International 2019; in press
5. Impact of an Unsolicited, Standardized Form-Based Antimicrobial Stewardship Intervention to Improve Guideline Adherence in the Management of Staphylococcus aureus Bacteremia	Remtulla S, Zurek K, Cervera C , Hernandez C, Lee MC, Hoang HL	Impact of an Unsolicited, Standardized Form-Based Antimicrobial Stewardship Intervention to Improve Guideline Adherence in the Management of Staphylococcus aureus Bacteremia Open Forum Infectious Diseases 2019;6(4)
6. Improvement in detecting cytomegalovirus drug resistance mutations in solid organ transplant recipients with suspected resistance using next generation sequencing	López-Aladid R, Guiu A, Mosquera MM, López-Medrano F, Cofán F, Linares L, Torre-Cisneros J, Vidal E, Moreno A, Aguado JM, Cordero E, Martin-Gandul C, Carratalá J, Sabé N, Niubó J, Cervera C , Capón A, Cervilla A, Santos M, Bodro M, Muñoz P, Fariñas M.C, Antón A, Aranzamendi M, Montejo M, Pérez-Romero P, Len O, Marcos M.Á.	Improvement in detecting cytomegalovirus drug resistance mutations in solid organ transplant recipients with suspected resistance using next generation sequencing PLoS ONE 2019;14(7):e0219701
7. Microbial Eukaryotes in Oil Sands Environments: Heterotrophs in the Spotlight.	Richardson E, Dacks JB	Microbial Eukaryotes in Oil Sands Environments: Heterotrophs in the Spotlight. Microorganisms. 2019;7(6):E178.
8. A pan-apicomplexan phosphoinositide-binding protein acts in malarial microneme exocytosis.	Ebrahimzadeh Z, Mukherjee A, Crochetière MÉ, Sergerie A, Amiar S, Thompson LA, Gagnon D, Gaumont D, Stahelin RV, Dacks JB , Richard D.	A pan-apicomplexan phosphoinositide-binding protein acts in malarial microneme exocytosis. EMBO Rep. 2019 May 16. pii: e47102. doi: 10.15252/embr.201847102.
9. ARF GTPases and their GEFs and GAPs: concepts and challenges.	Sztul E, Chen PW, Casanova JE, Cherfils J, Dacks JB , Lambricht DG, Lee FS, Randazzo PA, Santy LC, Schürmann A, Wilhelmi I, Yohe ME, Kahn RA.	ARF GTPases and their GEFs and GAPs: concepts and challenges. Mol Biol Cell. 2019 May 15;30(11):1249-1271. doi: 10.1091/mbc.E18-12-0820.
10. Transcriptome, proteome and draft genome of Euglena gracilis.	Ebenezer TE, Zoltner M, Burrell A, Nenarokova A, Novák Vanclová AMG, Prasad B, Soukal P, Santana-Molina C, O'Neill E, Nankissoor NN,	Transcriptome, proteome and draft genome of Euglena gracilis. BMC Biol.

	Vadakedath N, Daiker V, Obado S, Silva-Pereira S, Jackson AP, Devos DP, Lukeš J, Lebert M, Vaughan S, Hampl V, Carrington M, Ginger ML, Dacks JB , Kelly S, Field MC.	2019 Feb 7;17(1):11.doi: 10.1186/s12915-019-0626-8.
11. Viral hepatitis: Guidelines by the American Society of Transplantation Infectious Disease Community of Practice	Te H, Doucette K	Viral hepatitis: Guidelines by the American Society of Transplantation Infectious Disease Community of Practice Clinical Transplantation 2019; in press
12. Disseminated Strongyloidiasis	Belga S, Macdonald C, Houston S .	Disseminated Strongyloidiasis JAMA Dermatology 2019;155(8):957
13. European Echinococcus multilocularis Identified in Patients in Canada.	Massolo A, Klein C, Kowalewska-Grochowska K, Belga S, MacDonald C, Vaughan S, Girgis S, Giunchi D, Bramer SA, Santa MA, Grant DM, Mori K, Duignan P, Slater O, Gottstein B, Müller N, Houston S .	European Echinococcus multilocularis Identified in Patients in Canada. N Engl J Med. 2019 Jul 25;381(4):384-385. doi: 10.1056/NEJMc1814975
14. A multicenter case-control study of the effect of acute rejection and cytomegalovirus infection on pneumocystis pneumonia in solid organ transplant recipients	Hosseini-Moghaddam SM, Shokoohi M, Singh G, Dufresne SF, Boucher A, Jevnikar A, Prasad GVR, Shoker A, Kabbani D , Hebert MJ, Cardinal H, Houde I, Humar A, Kumar D.	A multicenter case-control study of the effect of acute rejection and cytomegalovirus infection on pneumocystis pneumonia in solid organ transplant recipients Clinical Infectious Diseases 2019;68(8):1320-1326
15. High incidence of clinically significant cytomegalovirus infection in CMV D+/R+ lung transplant recipients receiving 3 months of antiviral prophylaxis	Kabbani D , Hirji A, Hernandez C, Malhi H, Mabilangan C, Chandrarathne S, Halloran K, Weinkauff J, Kapasi A, Lien D, Preiksaitis J , Cervera C	High incidence of clinically significant cytomegalovirus infection in CMV D+/R+ lung transplant recipients receiving 3 months of antiviral prophylaxis Transplant Infectious Disease 2019:e13094
16. When medicine transforms art	Belga S, MacDonald C, Kabbani D , Roelofs K, Hussain M.W., Cervera C .	When medicine transforms art Transplant Infectious Disease 2019;21(4):e13130
17. Perspectives on Scedosporium species and Lomentospora prolificans in lung transplantation: Results of an international practice survey from ESCMID fungal infection study group and study group for infections in compromised hosts, and European Confederation of Medical Mycology	Rammaert B, Puyade M, Cornely OA, Seidel D, Grossi P, Husain S, Picard C, Lass-Flörl C, Manuel O, Le Pavec J, Lortholary O, Nagel C, Westall G, Morrissey O, Chambers D, Eschertzhuber S, Coussement J, Knoop C, Vos R, Dupont L, Dumonceaux M, Campos SV, Kabbani D , Cervera C , Luong M-L, Blanchard E, Sénéchal A, Pavec JL, Brugière O, Boussaud V, Guillemain R, Bervar J-F, Claustre J, Haloun A, Hirschi S, Reynaud M, Picard C, Kneidinger N, Gottlieb J, Roilides E, Zarrinfar H, Rosso L, Morlacchi LC, Dell'Amore A, Loy M, Santos COD, Rello J, Monforte V, Martin-Gomez MT, Medrano FL, Fernández-Ruiz M, Sole A, Cifrian JM, Neofytos D, Mueller N, Benden C, Brill AK, Kiyani E, Gould K, Gkrania-Klotsas E, David M, Weigt S, Kwak EJ, Silveira F, Hadjiliadis D, Baddley J, Danziger-Isakov L, Bhorade S, Ison M, Wolfe C, Aslam S, Budem M, Musetti A, the SCEDO-LUNG collaborative group.	Perspectives on Scedosporium species and Lomentospora prolificans in lung transplantation: Results of an international practice survey from ESCMID fungal infection study group and study group for infections in compromised hosts, and European Confederation of Medical Mycology Transplant Infectious Disease 2019:e13141
18. The direct and indirect effects of vancomycin-resistant enterococci colonization in liver transplant candidates and recipients	Belga S, Chiang D, Kabbani D , Abraides JG, Cervera C	The direct and indirect effects of vancomycin-resistant enterococci colonization in liver transplant candidates and recipients Expert review of anti-infective therapy 2019;17(5):363-373
19. A multicenter case-control study of the effect of acute rejection and cytomegalovirus infection on pneumocystis pneumonia in solid organ transplant recipients	Hosseini-Moghaddam SM, Shokoohi M, Singh G, Dufresne SF, Boucher A, Jevnikar A, Prasad GVR, Shoker A, Kabbani D , Hebert MJ, Cardinal H, Houde I, Humar A, Kumar D	A multicenter case-control study of the effect of acute rejection and cytomegalovirus infection on pneumocystis pneumonia in solid organ transplant recipients Clinical Infectious Diseases 2019;68(8):1320-1326

20. Horizontal Transmission of Hepatitis B Virus From Mother to Child Due to Immune Escape Despite Immunoprophylaxis	Kanji JN, Penner RED, Giles E, Goodison K, Martin SR, Marinier E, Osiowy C	Horizontal Transmission of Hepatitis B Virus From Mother to Child Due to Immune Escape Despite Immunoprophylaxis Journal of Pediatric Gastroenterology and Nutrition 2019;68(5):e81-e84
21. Program-wide review and follow-up of erythema Induratum of Bazin and tuberculosis-associated ocular inflammation management in a TB low-incidence setting: Need for improved treatment candidate selection, therapy standardization, and care collaboration	Connors WJ, Fisher DA, Kunimoto DY, Jarand JM	Program-wide review and follow-up of erythema Induratum of Bazin and tuberculosis-associated ocular inflammation management in a TB low-incidence setting: Need for improved treatment candidate selection, therapy standardization, and care collaboration BMC Infectious Diseases 2019;19(1):97
22. Delayed Diagnosis of Respiratory Syncytial Virus Infections in Hospitalized Adults: Individual Patient Data, Record Review Analysis and Physician Survey in the United States	Nelson Lee, Edward E Walsh, Ian Sander, Robert Stolper, Jessica Zakar, Veronique Wyffels, David Myers, Roman Fleischhackl	Delayed Diagnosis of Respiratory Syncytial Virus Infections in Hospitalized Adults: Individual Patient Data, Record Review Analysis and Physician Survey in the United States The Journal of Infectious Diseases, 2019;220 (6):969–979. https://doi.org/10.1093/infdis/jiz236
23. Inhibiting viral polymerase and neuraminidase in treating influenza	Lee N, Ison MG	Inhibiting viral polymerase and neuraminidase in treating influenza Journal of Infectious Diseases 2019;219(7):1013-1015
24. Higher viral load of emerging norovirus GII.P16-GII.2 than pandemic GII.4 and epidemic GII.17, Hong Kong, China	Cheung SKC, Kwok K, Zhang L-Y, Mohammad KN, Lui GCY, Lee N, Nelson EAS, Lai RWM, Leung TF, Chan PKS, Chan MC-W	Higher viral load of emerging norovirus GII.P16-GII.2 than pandemic GII.4 and epidemic GII.17, Hong Kong, China Emerging Infectious Diseases 2019;25(1):119-122
25. Achievement of hepatitis C cascade of care milestones: a population-level analysis in Alberta, Canada.	O'Neil CR, Buss E, Plitt S, Osman M, Coffin CS, Charlton CL, Shafran S.	Achievement of hepatitis C cascade of care milestones: a population-level analysis in Alberta, Canada. Can J Public Health 2019; doi: 10.17269/s41997-019-00234-z
26. CMV-specific T-cells and CD27-CD28-CD4+ T-cells for assignment of cytomegalovirus (CMV) status in adults awaiting organ transplant	Burton CE, Sester M, Robinson JL, Eurich DT, Urschel S, Preiksaitis JK	CMV-specific T-cells and CD27-CD28-CD4+ T-cells for assignment of cytomegalovirus (CMV) status in adults awaiting organ transplant Journal of Clinical Virology 2019;115:37-42
27. Impact of donor and recipient cytomegalovirus serology on long-term survival of heart transplant recipients	Mabilangan C, Preiksaitis JK, Cervera C, Freed D, Nagendran J, Mullen J, MacArthur R, Meyer S, Laing B, Modry D, Koshal A, Lien D, Weinkauff J, Halloran K, Kapasi A, Thakrar M, Fenton M, Kim D, Tymchak W, Burton J, Lalonde L, Chan M, Wamica W, Issacs D, University of Alberta Cardiothoracic Transplant Group	Impact of donor and recipient cytomegalovirus serology on long-term survival of heart transplant recipients Transplant Infectious Disease 2019;21(1):e13015
28. Epstein-Barr virus associated smooth muscle tumors in solid organ transplant recipients: Incidence over 31 years at a single institution and review of the literature	Stubbins RJ, Alami Laroussi N, Peters AC, Urschel S, Dicke F, Lai RL, Zhu J, Mabilangan C, Preiksaitis JK	Epstein-Barr virus associated smooth muscle tumors in solid organ transplant recipients: Incidence over 31 years at a single institution and review of the literature

		Transplant Infectious Disease 2019;21(1):e13010
29. Post-transplant lymphoproliferative disorders, Epstein-Barr virus infection, and disease in solid organ transplantation: Guidelines from the American Society of Transplantation Infectious Diseases Community of Practice	Allen, UD, Preiksaitis JK , the AST Infectious Diseases Community of Practice.	Post-transplant lymphoproliferative disorders, Epstein-Barr virus infection, and disease in solid organ transplantation: Guidelines from the American Society of Transplantation Infectious Diseases Community of Practice
30. Antimicrobial stewardship in rural nursing homes: Impact of interprofessional education and clinical decision tool implementation on urinary tract infection treatment in a cluster randomized trial	Pasay DK, Guirguis MS, Shkrobot RC, Slobodan JP, Wagg AS, Sadowski CA, Conly JM, Saxinger LM , Bresee LC	Antimicrobial stewardship in rural nursing homes: Impact of interprofessional education and clinical decision tool implementation on urinary tract infection treatment in a cluster randomized trial Infection Control and Hospital Epidemiology 2019; in press
31. Emerging fungal infections: New patients, new patterns, and new pathogens	Friedman DZP, Schwartz IS .	Emerging fungal infections: New patients, new patterns, and new pathogens Journal of Fungi 2019;5(3):67
32. Candida auris	Schwartz IS , Dingle TC.	Candida auris CMAJ: Canadian Medical Association Journal 2019;191(31):E865
33. Utility of CT assessment in hematology patients with invasive aspergillosis: A post-hoc analysis of phase 3 data	Jin J, Wu D, Liu Y, Pan S, Yan JL, Aram JA, Lou Y-J, Meng H, Chen X, Zhang X, Schwartz IS , Patterson TF.	Utility of CT assessment in hematology patients with invasive aspergillosis: A post-hoc analysis of phase 3 data BMC Infectious Diseases 2019;19(1):471
34. Blastomyces helicus, a New Dimorphic Fungus Causing Fatal Pulmonary and Systemic Disease in Humans and Animals in Western Canada and the United States	Schwartz IS , Wiederhold NP, Hanson KE, Patterson TF, Sigler L.	Blastomyces helicus, a New Dimorphic Fungus Causing Fatal Pulmonary and Systemic Disease in Humans and Animals in Western Canada and the United States 2019;68(2):188-196
35. Strong association between higher-risk sex and hiv prevalence at the regional level: An ecological study of 27 sub-saharan african countries [version 1; referees: 2 approved]	Kenyon CR, Buyze J, Schwartz IS .	Strong association between higher-risk sex and hiv prevalence at the regional level: An ecological study of 27 sub-saharan african countries [version 1; referees: 2 approved] F1000Research 2019;7:1879
36. Week 96 efficacy and safety results of the phase 3, randomized EMERALD trial to evaluate switching from boosted-protease inhibitors plus emtricitabine/tenofovir disoproxil fumarate regimens to the once daily, single-tablet regimen of darunavir/cobicistat/emtricitabine/tenofovir alafenamide (D/C/F/TAF) in treatment-experienced, virologically-suppressed adults living with HIV-1	Eron JJ, Orkin C, Cunningham D, Pulido F, Post FA, De Wit S, Lathouwers E, Hufkens V, Jezowski J, Petrovic R, Brown K, Van Landuyt E, Opsomer M, De Wit S, Florence E, Moutschen M, Van Wijngaerden E, Vandekerckhove LI, Vandercam B, Brunetta J, Conway B, Klein M, Murphy D, Rachlis A, Shafraan S , Walmsley S, Ajana F, Cotte L, Girardy P-M, Katlama C, Molina J-M, Poizot-Martin I, Raffi F, Rey D, Reynes J, Teicher E, Yazdanpanah Y, Gasiorowski J, Halota W, Horban A, Piekarska A, Witor A, Arribas JR, Perez-Valero I, Berenguer J, Casado J, Gatell JM, Gutierrez F, Galindo MJ, Gutierrez MDM, Iribarren JA, Knobel H, Negredo E, Pineda JA, Podzamczar D, Sogorb JP, Pulido F, Ricart C, Rivero A, Santos Gil I, Blaxhult A, Flamholz L, Gisslèn M, Thalme A, Fehr J, Rauch A, Stoeckle M, Clarke A, Gazzard BG, Johnson MA, Orkin C, Post F, Ustianowski A, Waters L, Bailey J, Benson P, Bhatti L, Brar I, Bredeek UF, Brinson C, Crofoot G, Cunningham D, DeJesus E, Dietz C, Dretler R, Eron J,	Week 96 efficacy and safety results of the phase 3, randomized EMERALD trial to evaluate switching from boosted-protease inhibitors plus emtricitabine/tenofovir disoproxil fumarate regimens to the once daily, single-tablet regimen of darunavir/cobicistat/emtricitabine/tenofovir alafenamide (D/C/F/TAF) in treatment-experienced, virologically-suppressed adults living with HIV-1 Antiviral Research 2019;170:104543

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37. Planning HIV therapy to prevent future comorbidities: patient years for tenofovir alafenamide	Shafran SD , Di Perri G, Esser S, Lelièvre JD, Parczewski M	Planning HIV therapy to prevent future comorbidities: patient years for tenofovir alafenamide HIV Medicine 2019;20(S7):1-16
38. Daclatasvir and sofosbuvir with ribavirin for 24 weeks in chronic hepatitis C genotype-3-infected patients with cirrhosis: A Phase III study (ALLY-3C)	Poordad F, Shiffman ML, Ghesquiere W, Wong A, Huhn GD, Wong F, Ramji A, Shafran SD , McPhee F, Yang R, Noviello S, Linaberry M	Daclatasvir and sofosbuvir with ribavirin for 24 weeks in chronic hepatitis C genotype-3-infected patients with cirrhosis: A Phase III study (ALLY-3C) Antiviral Therapy 2019;24(1):35-44
39. Identification of 19 novel hepatitis C virus subtypes-further expanding HCV classification	Hedskog C, Parhy B, Chang S, Zeuzem S, Moreno C, Shafran SD , Borgia SM, Asselah T, Alric L, Abergel A, Chen J-J, Collier J, Kapoor D, Hyland RH, Simmonds P, Mo HI, Svarovskaia ES.	Identification of 19 novel hepatitis C virus subtypes-further expanding HCV classification Open Forum Infectious Diseases 2019;6(3):ofz076
40. Prevention of shingles: Better protection and better value with recombinant vaccine	Shafran SD	Prevention of shingles: Better protection and better value with recombinant vaccine Annals of Internal Medicine 2019;170(6):416-417
41. Sofosbuvir/Velpatasvir/Voxilaprevir for patients with HCV who previously received a Sofosbuvir/Velpatasvir-containing regimen: Results from a retreatment study	Ruane P, Strasser SI, Gane EJ, Hyland RH, Shao J, Dvory-Sobol H, Tran T, Stamm LM, Brainard DM, Nyberg L, Shafran S	Sofosbuvir/Velpatasvir/Voxilaprevir for patients with HCV who previously received a Sofosbuvir/Velpatasvir-containing regimen: Results from a retreatment study Journal of Viral Hepatitis 2019; in press
42. Deferred treatment with a fixed-dose combination of sofosbuvir-velpatasvir for chronic hepatitis C virus genotype 1, 2, 4 and 6 infection	Asselah T, Shafran SD , Bourgeois S, Lai C-L, Mathurin P, Willems B, Nguyen MH, Davis MN, Huang KC, Svarovskaia E, Osinusi A, McNally J, Brainard DM, Shaikh OS, Tran TT.	Deferred treatment with a fixed-dose combination of sofosbuvir-velpatasvir for chronic hepatitis C virus genotype 1, 2, 4 and 6 infection Journal of Viral Hepatitis 2019; In Press
43. Sofosbuvir/velpatasvir for 12 weeks in hepatitis C virus-infected patients with end-stage renal disease undergoing dialysis	Borgia SM, Dearden J, Yoshida EM, Shafran SD , Brown A, Ben-Ari Z, Cramp ME, Cooper C, Foxton M, Rodriguez CF, Esteban R, Hyland R, Lu S, Kirby BJ, Meng A, Markova S, Dvory-Sobol H, Osinusi AO, Bruck R, Ampuero J, Ryder SD, Agarwal K, Fox R, Shaw D, Haider S, Willems B, Lurie Y, Calleja JL, Gane EJ	Sofosbuvir/velpatasvir for 12 weeks in hepatitis C virus-infected patients with end-stage renal disease undergoing dialysis Journal of Hepatology 2019; In Press
44. Mycoplasma genitalium infection	Singh AE , Labbé A-C, Auguste U	Mycoplasma genitalium infection CMAJ 2019;191(4):E103
45. Effectiveness of Influenza Vaccination on Hospitalizations and Risk Factors for Severe Outcomes in Hospitalized Patients With COPD	Mulpuru S, Li L, Ye L, Hatchette T, Andrew MK, Ambrose A, Boivin G, Bowie W, Chit A, Dos Santos G, ElSherif M, Green K, Haguinet F, Halperin SA, Ibaruchi B, Johnstone J, Katz K, Langley JM, LeBlanc J, Loeb M, MacKinnon-Cameron D, McCarthy A, McElhaney JE, McGeer A, Powis J, Richardson D, Semret M, Shinde V, Smyth D, Trottier S, Valiquette L, Webster D, McNeil SA, Lagace-Wiens P, Light B, Poirier A, Smith S , Taylor G , Serious Outcomes Surveillance (SOS) Network of the Canadian Immunization Research Network (CIRN)	Effectiveness of Influenza Vaccination on Hospitalizations and Risk Factors for Severe Outcomes in Hospitalized Patients With COPD Chest 2019;155(1):69-78

46. A cost-effectiveness analysis of mupirocin and chlorhexidine gluconate for Staphylococcus aureus decolonization prior to hip and knee arthroplasty in Alberta, Canada compared to standard of care	Rennert-May E, Conly J, Smith S , Puloski S, Henderson E, Au F, Manns B.	A cost-effectiveness analysis of mupirocin and chlorhexidine gluconate for Staphylococcus aureus decolonization prior to hip and knee arthroplasty in Alberta, Canada compared to standard of care Antimicrobial Resistance and Infection Control 2019;8(1):113
47. A cross-sectional evaluation of opt-in testing for sexually transmitted and blood-borne infections in three Canadian provincial correctional facilities: a missed opportunity for public health?	Gratrix J, Smyczek P , Bertholet L, Lee MC, Pyne D, Woods D, Courtney K, Ahmed R	A cross-sectional evaluation of opt-in testing for sexually transmitted and blood-borne infections in three Canadian provincial correctional facilities: a missed opportunity for public health? International Journal of Prisoner Health 2019; <i>In Press</i>
48. Gonococcal conjunctivitis in adults: Case report and retrospective review of cases in Alberta, Canada, 2000-2016	Belga S, Gratrix J, Smyczek P , Bertholet L, Read R, Roelofs K, Singh AE	Gonococcal conjunctivitis in adults: Case report and retrospective review of cases in Alberta, Canada, 2000-2016 Sexually Transmitted Diseases 2019;46(1):47-51
49. Retrospective review of tertiary and neurosyphilis cases in Alberta, 1973-2017	Landry T, Smyczek P , Cooper R , Gratrix J, Bertholet L, Read R, Romanowski B , Singh AE .	Retrospective review of tertiary and neurosyphilis cases in Alberta, 1973-2017 BMJ Open 2019;9(6):e025995
50. Emerging international strain of multidrug-resistant Neisseria gonorrhoeae: Infection in a man with urethral discharge	Smyczek P , Chu A, Berenger B.	Emerging international strain of multidrug-resistant Neisseria gonorrhoeae: Infection in a man with urethral discharge Canadian family physician Medecin de famille canadien 2019;65(8):552-554
51. Results from the Canadian Nosocomial Infection Surveillance Program for detection of carbapenemase-producing Acinetobacter spp. in Canadian hospitals, 2010-16	Boyd DA, Mataseje LF, Pelude L, Mitchell R, Bryce E, Roscoe D, Embree J, Katz K, Kibsey P, Lavallee C, Simor AE, Taylor G , Turgeon N, Langley JM, Amaratunga K, Mulvey MR	Results from the Canadian Nosocomial Infection Surveillance Program for detection of carbapenemase-producing Acinetobacter spp. in Canadian hospitals, 2010-16 Journal of Antimicrobial Chemotherapy 2019;74(2):315-320
52. Pregnancy as a risk factor for severe influenza infection: An individual participant data meta-analysis	Mertz D, Lo CK-F, Lytvyn L, Ortiz JR, Loeb M, Ang LW, Anlikumar MA, Bonmarin I, Borja-Aburto VH, Burgmann H, Carratalà J, Chowell G, Cilloniz C, Cohen J, Cutter J, Filleul L, Garg S, Geis S, Helferty M, Huang W-T, Jain S, Sevic BJ, Kelly P, Kuszniertz G, Lehnert N, Lenzi L, Ling IT, Mitchell R, Mulrennan SA, Nishioka SA, Norton R, Oh WS, Orellano P, Poepl W, Pontarolo R, Popovici O, Rodriguez A, Schlehe B, Schnitzler P, Sertogullarindan B, Shu Y, Taylor G , Thompson DL, Torres A, Van Gageldonk-Lafeber AB, Viasus D, Wang Q, Xu C.	Pregnancy as a risk factor for severe influenza infection: An individual participant data meta-analysis BMC Infectious Diseases 2019;19(1):683
53. A comparison of extended-spectrum beta-lactamase (ESBL)-producing Escherichia coli and Klebsiella pneumoniae bloodstream infections in Alberta using a provincial surveillance system	Bush KR, Ellison J, Hearn K, Pfister T, Taylor G	A comparison of extended-spectrum beta-lactamase (ESBL)-producing Escherichia coli and Klebsiella pneumoniae bloodstream infections in Alberta using a provincial surveillance system Infection Control and Hospital Epidemiology 2019; 40(3):388

54. What determines do-not-resuscitate status in critically ill HIV-infected patients admitted to ICU?	Gregory AB, Turvey SL , Bagshaw SM, Sligl WI .	What determines do-not-resuscitate status in critically ill HIV-infected patients admitted to ICU? Journal of Critical Care 2019;53:207-211
55. An unusual case of Erysipelothrix rhusiopathiae prosthetic joint infection from the Canadian Arctic: Whole genome sequencing unable to identify a zoonotic source	Groeschel M, Forde T, Turvey S , Joffe AM , Hui C, Naidu P, Mavrot F, Kutz S, Singh AE	An unusual case of Erysipelothrix rhusiopathiae prosthetic joint infection from the Canadian Arctic: Whole genome sequencing unable to identify a zoonotic source BMC Infectious Diseases 2019;19(1):282
56. Molecular cloning, expression and characterization of Pekin duck programmed death-1	Yao Q, Fischer KP, Tyrrell DL , Gutfreund KS	Molecular cloning, expression and characterization of Pekin duck programmed death-1U Gene 2019;702:182-193
57. Murine models of hepatitis A virus infection	Hirai-Yuki A, Whitmire JK, Joyce M, Tyrrell DL , Lemon SM	Murine models of hepatitis A virus infection Cold Spring Harbor Perspectives in Medicine 2019;9(1):20
58. Willingness to participate in hepatitis C vaccine trials among socially marginalized people who use drugs	Yakovenko I, Hyshka E, Tyrrell L , Wild TC	Willingness to participate in hepatitis C vaccine trials among socially marginalized people who use drugs Journal of Substance Abuse Treatment 2019;101:67-71
59. HCV and flaviviruses hijack cellular mechanisms for nuclear STAT2 degradation: Up-regulation of PDLIM2 suppresses the innate immune response	Joyce MA, Berry-Wynne KM, Dos Santos T, Addison WR, McFarlane N, Hobman T, Tyrrell DL	HCV and flaviviruses hijack cellular mechanisms for nuclear STAT2 degradation: Up-regulation of PDLIM2 suppresses the innate immune response PLoS pathogens 2019;15(8):e1007949