

Publications - Division of Infectious Diseases & Hospital Epidemiology
2016

1. Allegranzi B, Bischoff P, de Jonge S, Kubilay NZ, Zayed B, Gomes SM, Abbas M, Atema JJ, Gans S, van Rijen M, Boermeester MA, Egger M, Kluytmans J, Pittet D, Solomkin JS, and the WHO Guidelines Development Group (Widmer AF). New WHO recommendations on preoperative measures for surgical site infection prevention: an evidence-based global perspective. *Lancet Infect Dis*. 2016 Dec;16(12):e276-e287.
2. Bader J, Schöni-Affolter F, Böni J, Gorgievski-Hrisoho M, Martinetti G, Battegay M, Klimkait T; for the Swiss HIV Cohort Study. Correlating HIV tropism with immunological response under combination antiretroviral therapy. *HIV Med*. 2016 Sep;17(8):615-22.
3. Banderet F, Blaich A, Soleman E, Gaia V, Osthoff M. Septic arthritis due to *Legionella cincinnatiensis*: case report and review of the literature. *Infection*. 2016 Nov 15. [Epub ahead of print]
4. Beckmann C, Hirsch HH. Comparing Luminex NxTAG-Respiratory Pathogen Panel and RespiFinder-22 for multiplex detection of respiratory pathogens. *J Med Virol*. 2016 Aug;88(8):1319-24.
5. Bethge T, Ajuh E, Hirsch HH. Imperfect Symmetry of Sp1 and Core Promoter Sequences Regulates Early and Late Virus Gene Expression of the Bidirectional BK Polyomavirus Noncoding Control Region. *J Virol*. 2016 Oct 28;90(22):10083-10101. Print 2016 Nov 15.
6. Brunet L, Moodie EE, Young J, Cox J, Hull M, Cooper C, Walmsley S, Martel-Laferrrière V, Rachlis A, Klein MB; Canadian Co-infection Cohort Study. Progression of Liver Fibrosis and Modern Combination Antiretroviral Therapy Regimens in HIV-Hepatitis C-Coinfected Persons. *Clin Infect Dis*. 2016 Jan 15;62(2):242-9.
7. Buetti N, Atkinson A, Kottanattu L, Bielicki J, Marschall J, Kronenberg A; Swiss Centre for Antibiotic resistance (ANRESIS). Patterns and trends of pediatric bloodstream infections: a 7-year surveillance study. *Eur J Clin Microbiol Infect Dis*. 2016 Nov 24. [Epub ahead of print]
8. Cain LE, Saag MS, Petersen M, May MT, Ingle SM, Logan R, Robins JM, Abgrall S, Shepherd BE, Deeks SG, Gill MJ, Touloumi G, Vourli G, Dabis F, Vandenhende MA, Reiss P, van Sighem A, Samji H, Hogg RS, Rybniker J, Sabin CA, Jose S, Del Amo J, Moreno S, Rodríguez B, Cozzi-Lepri A, Boswell SL, Stephan C, Pérez-Hoyos S, Jarrin I, Guest JL, Monforte AD, Antinori A, Moore R, Campbell CN, Casabona J, Meyer L, Seng R, Phillips AN, Bucher HC, Egger M, Mugavero MJ, Haubrich R, Geng EH, Olson A, Eron JJ, Napravnik S, Kitahata MM, Van Rompaey SE, Teira R, Justice AC, Tate JP, Costagliola D, Sterne JA, Hernán MA; Antiretroviral Therapy Cohort Collaboration, the Centers for AIDS Research Network of Integrated Clinical Systems, and the HIV-CAUSAL Collaboration. Using observational data to emulate a randomized trial of dynamic treatment-switching strategies: an application to antiretroviral therapy. *Int J Epidemiol*. 2015 Dec 31. pii: dyv295. [Epub ahead of print].
9. Caniglia EC, Sabin C, Robins J M, Logan R, Cain LE., Abgrall S, Mugavero MJ, Hernandez-Diaz S, Meyer L, Seng R, Drozd D, Seage GR, Bonnet F, Dabis F, Moore R, Reiss P, van Sighem A, Mathews W, del Amo J, Moreno S, Deeks SG, Muga R, Boswell SL, Ferrer E, Eron JJ, Napravnik S, Jose S, Phillips A, Olson A, Justice A , Tate JP, Bucher HC, Egger M, Touloumi G, Sterne JA, Castagliola D, Saag M, Hernan MA and the Center for AIDS Research Network of Integrated Clinical Systems and the HIV-CAUSAL Collaboration. When to monitor CD4 cell count and HIV RNA to reduce mortality and AIDS-defining illness in virologically suppressed HIV-positive persons on antiretroviral therapy in high-income countries: A prospective observational study. *Journal of Acquired Immune Deficiency Syndromes* 2016 Jun 1;72(2):214-21.
10. Cioni M, Leboeuf C, Comoli P, Ginevri F, Hirsch HH. Characterization of Immunodominant BK Polyomavirus 9mer Epitope T Cell Responses. *Am J Transplant*. 2016 Apr;16(4):1193-206.
11. Coussement J, Lebeaux D, van Delden C, Guillot H, Freund R, Marbus S, Melica G, Van Wijngaerden E, Douvry B, Van Laecke S, Vuotto F, Tricot L, Fernández-Ruiz M, Dantal J, Hirzel C, Jais JP, Rodriguez-Nava V, Lortholary O, Jacobs F; European Study Group for Nocardia in Solid Organ Transplantation. Nocardia Infection in Solid Organ Transplant Recipients: A Multicenter European Case-control Study. *Clin Infect Dis*. 2016 Aug 1;63(3):338-45.

12. Daly ML, Candela M, Meury M, Osthoff M. Outpatient Parenteral Antibiotic Therapy (OPAT): A Nursing and Patient Success Story. *B. Braun Medical AG Pflegepreis 2016*, 1. Preis; careArt Basel.
13. Dettenkofer M, Humphreys H, Saenz H, Carlet J, Hanberger H, Ruef C, Widmer AF, Wolkewitz M, Cookson B. Key priorities in the prevention and control of healthcare-associated infection: a survey of European and other international infection prevention experts. *Infection* 2016 Dec;44(6):719-724.
14. Dittrich T, Tschudin-Sutter S, Widmer AF, Rüegg S, Marsch S, Sutter R. Risk factors for new-onset delirium in patients with bloodstream infections: independent and quantitative effect of catheters and drainages - a four-year cohort study. *Ann Intensive Care*. 2016 Dec;6(1):104.
15. Durovic A, Tschudin-Sutter S. Update zu *Clostridium difficile*. *Swiss Medical Forum* 2016;10:236-40.
16. Egli A. Das Mikrobiom – ein neues Organ? *Pädiatrie*, 2016.
17. Egli A, Lisboa LF, O'Shea D, Asberg A, Mueller T, Emery V, Kumar D, Humar A. Complexity of Host Micro-RNA Response to Cytomegalovirus Reactivation After Organ Transplantation. *Am J Transplant*. 2016 Feb;16(2):650-60.
18. Egli A, Schmid H, Kuenzli E, Widmer AF, Battegay M, Plagge H, Frei R, Achermann R, Weisser M. Association of daptomycin use with resistance development in *Enterococcus faecium* bacteraemia-a 7-year individual and population-based analysis. *Clin Microbiol Infect*. 2016 Oct 13. pii: S1198-743X(16)30462-1. doi: 10.1016/j.cmi.2016.10.003. [Epub ahead of print].
19. Elzi L, Conen A, Patzen A, Fehr J, Cavassini M, Calmy A, Schmid P, Bernasconi E, Furrer H, Battegay M, for the Swiss HIV Cohort Study. Ability to Work and Employment Rates in Human Immunodeficiency Virus (HIV)-1-Infected Individuals Receiving Combination Antiretroviral Therapy: The Swiss HIV Cohort Study. *Open Forum Infect Dis*. 2016 Feb 1;3(1):ofw022.
20. Erb S, Bartels H, Battegay M, Randomized Trial of Longer-Term Therapy for Symptoms Attributed to Lyme Disease, *NEJM* 2016 Sep 8;375(10):997-8. [Letter]
21. Erb S, Frei R, Dangel M, Widmer AF. Multidrug-Resistant Organisms Detected More Than 48 Hours After Hospital Admission Are Not Necessarily Hospital-Acquired. *Infect Control Hosp Epidemiol*. 2017 Jan;38(1):18-23.
22. Erb S, Letang E, Glass TR, Natamatungiro A, Mnzava D, Mapesi E, Haschke M, Duthalder U, Berger B, Muri L, Bader J, Marzolini C, Elzi L, Klimkait T, Langewitz W, Battegay M for the Kiularco Study Group. Healthcare provider communication training in rural Tanzania empowers HIV-infected patients under antiretroviral therapy to discuss adherence problems. *HIV Medicine* [in press].
23. Estelles A, Woischnig A, Liu K, Stephenson R, Lomongsod E, Nguyen D, Zhang J, Heidecker M, Yang Y, Simon R, Tenorio E, Ellsworth S, Leighton A, Ryser S, Khanna N and Kauvar LM. A High Affinity Native Human Antibody Disrupts Biofilm from *Staphylococcus aureus* Bacteria and Potentiates Antibiotic Efficacy in a Mouse Infectious Implant Model. *Antimicrob Agents Chemother* 2016 Mar 25;60(4):2292-301.
24. Ewald H, Briel M, Vuichard D, Kreutle V, Zhydkov A, and Gloy V. The Clinical Effectiveness of Pneumococcal Conjugate Vaccines: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Dtsch Arztebl Int*. 2016 Mar 4;113(9):139-46.
25. Ewald H, Santini-Oliveira M, Bühler JE, Vuichard D, Schandelmaier S, Stöckle M, Briel M, Bucher HC and Hemkens LG. Comparative effectiveness of tenofovir in HIV-infected treatment-experienced patients: systematic review and meta-analysis. *HIV Clinical Trials*. 2016 Dec 13:1-11. [Epub ahead of print].
26. Fidler S, Olson AD, Bucher HC, Fox J, Thornhill J, Morrison C, Muga R, Phillips A, Frater J, and Porter K. Virological Blips and Predictors of Post Treatment Viral Control after Stopping ART Started in Primary HIV Infection. *J.Acquir.Immune.Defic. Syndr*. 2017 Feb 1;74(2):126-133.
27. Gamell A, Glass TR, Luwanda LB, Mapesi H, Samson L, Mtoi T, Nyamtema A, Muri L, Ntamungiro A, Tanner M, Hatz C, Battegay M, Letang E on behalf of the KIULARCO Study Group. Implementation and Operational Research: An Integrated and Comprehensive Service Delivery Model to Im-

- prove Pediatric and Maternal HIV Care in Rural Africa. *J Acquir Immune Defic Syndr*. 2016 Dec 15;73(5):e67-e75.
28. Gehring Ch, Egli A. Weiterentwicklung der MALDI-TOF Massenspektrometrie in der Klinischen Mikrobiologie. *Pipette*, 2016 Oct, 5:6-7.
 29. Gjørde LI, Shepherd L, Jablonowska E, Lazzarin A, Rougemont M, Darling K, Battegay M, Braun D, Martel-Laferriere V, Lundgren JD, Rockstroh JK, Gill J, Rauch A, Mocroft A, Klein MB, Peters L. Trends in Incidences and Risk Factors for Hepatocellular Carcinoma and Other Liver Events in HIV and Hepatitis C Virus-coinfected Individuals From 2001 to 2014: A Multicohort Study. *Clin Infect Dis*. 2016 Sep 15;63(6):821-9.
 30. Han S, Kumar D, Ferreira VH, Egli A, Hirsch HH, Weisser M, Garzoni C, van Delden C, Bochud P, Manuel O, Meylan P, Boggian K, Husain S, Mueller NJ, Humar A; Swiss Transplant Cohort Study. Human microRNA responses predict cytomegalovirus replication following solid organ transplantation. *J Infect Dis* 2016 Dec 21. pii: jiw596. doi: 10.1093/infdis/jiw596. [Epub ahead of print]
 31. Hauser-Gerspach I, Erb S, Meyer J., Bedeutung der Hepatitis C-Virusinfektion in der zahnärztlichen Praxis, *Swiss Dent J*. 2016;126(7-8):687-93.
 32. Helanterä I, Hirsch HH, Auvinen E, Mannonen L, Nummi M, Wernli M, Ortiz F, Räsänen-Sokolowski A, Lempinen M, Lautenschlager I. High-level JCPyV viremia after kidney transplantation-Clinical and histopathological findings. *J Clin Virol*. 2016 Dec;85:75-79.
 33. Helanterä I, Hirsch HH, Wernli M, Ortiz F, Lempinen M, Räsänen-Sokolowski A, Auvinen E, Mannonen L, Lautenschlager I. Simultaneous BK Polyomavirus (BKPyV)-associated nephropathy and hemorrhagic cystitis after living donor kidney transplantation. *J Clin Virol*. 2016 Mar;76:4-7.
 34. Hemkens LG, Saccilotto R, Reyes SL, Glinz D, Zumbunn T, Grolimund O, Gloy V, Raatz H, Widmer A, Zeller A, and Bucher HC. Personalized prescription feedback to reduce antibiotic overuse in primary care: rationale and design of a nationwide pragmatic randomized trial. *BMC Infect Dis*. 2016 Aug 17;16:421.
 35. Hemkens LG, Saccilotto R, Reyes SL, Glinz D, Zumbunn T, Grolimund O, Gloy V, Raatz H, Widmer A, Zeller A, Bucher HC. Personalized Prescription Feedback Using Routinely Collected Data to Reduce Antibiotic Use in Primary Care: A Randomized Clinical Trial. *JAMA Intern Med*. 2016 Dec 27. doi: 10.1001/jamainternmed.2016.8040. [Epub ahead of print]
 36. Héquet D, Kralidis G, Carrel T, Cusini A, Garzoni C, Hullin R, Meylan PR, Mohacsi P, Mueller NJ, Ruschitzka F, Tozzi P, van Delden C, Weisser M, Wilhelm MJ, Pascual M, Manuel O; Swiss Transplant Cohort Study (STCS). Ventricular assist devices as bridge to heart transplantation: impact on post-transplant infections. *BMC Infect Dis*. 2016 Jul 8;16:321.
 37. Hirsch HH, Yakhontova K, Lu M, Manzetti J. BK Polyomavirus Replication in Renal Tubular Epithelial Cells Is Inhibited by Sirolimus, but Activated by Tacrolimus Through a Pathway Involving FKBP-12. *Am J Transplant*. 2016 Mar;16(3):821-32.
 38. Ibanescu SA, Nowakowska J, Khanna N, Landmann R, Klok HA. Effects of Grafting Density and Film Thickness on the Adhesion of *Staphylococcus epidermidis* to Poly(2-hydroxy ethyl methacrylate) and Poly(poly(ethylene glycol)methacrylate) Brushes. *Macromol Biosci*. 2016 May;16(5):676-85.
 39. Khanna N, Lünemann A, Stuehler C, Wójtowicz A, Bochud P, Leibundgut-Landmann S. Host response to fungal infections – how immunology and host genetics could help to identify and treat patients at risk. *Swiss Med Wkly*. 2016 Sep 21;146:w14350.
 40. Kovari H, Rauch A, Kouyos R, Rougemont M, Cavassini M, Schmid P, Stöckle M, Bernasconi E, Weber R, Ledergerber B; Swiss HIV Cohort Study. Hepatitis C infection and the risk of non-liver-related morbidity and mortality in HIV-positive persons in the Swiss HIV Cohort Study. *Clin Infect Dis*. 2016 Dec 12. pii: ciw809. [Epub ahead of print]
 41. Kuehl R, Brunetto PS, Woischnig A, Varisco M, Rajacic Z, Vosbeck J, Terracciano L, Fromm KM, Khanna N. Preventing Implant-Associated Infections by Silver Coating. *Antimicrob Agents Chemother*. 2016 Mar 25;60(4):2467-75.

42. Kuenzli E, Labhardt N, Balestra G, Weisser M, Zellweger MJ, Blum J. Staphylococcus aureus Endocarditis as a Complication of Toxocariasis-Associated Endomyocarditis With Fibrosis: A Case Report. *Open Forum Infect Dis*. 2016 Sep 7;3(3): ofw145.
43. Linnik J, Egli A. Impact of host genetic polymorphisms on vaccine induced antibody response. *Hum Vaccin Immunother*. 2016 Apr 2;12(4):907-15.
44. Marzolini C. European AIDS Clinical Society (EACS) Guidelines for the treatment of adult HIV-positive persons: DDI section of the EACS Guidelines. Version 8.1 – October 2016.
45. Marzolini C, Decosterd L, Winterfeld U, Tissot F, Francini K, Buclin T, Livio F. Free and total plasma concentrations of elvitegravir/cobicistat during pregnancy and postpartum. *JAC* [under review].
46. Marzolini C, Gibbons S, Khoo S, Back D. Cobicistat versus ritonavir boosting and differences in the drug-drug interactions profile with co-medications. *J Antimicrob Chemother*. 2016 Jul;71(7):1755-8.
47. Marzolini C, Rajoli RK, Battegay M, Elzi L, Back D, Siccardi M. Physiologically based pharmacokinetic modeling to predict drug-drug interactions with efavirenz involving simultaneous inducing and inhibitory effects on cytochromes. *Clin Pharmacokinet*. 2016 Sep 7 [Epub ahead of print].
48. Meinel D, Egli A. Next Generation Sequencing – für die molekulare Typisierung von Pathogenen in Ausbruchsuntersuchungen. *Swiss Medical Forum*, 2016 accepted.
49. Meinel DM, Kuehl R, Zbinden R, Boskova V, Garzoni C, Fadini D, Dolina M, Blümel B, Weibel T, Tschudin-Sutter S, Widmer AF, Bielicki JA, Dierig A, Heininger U, Konrad R, Berger A, Hinic V, Goldenberger D, Blaich A, Stadler T, Battegay M, Sing A, Egli A. Outbreak investigation for toxigenic *Corynebacterium diphtheriae* wound infections in refugees from Northeast Africa and Syria in Switzerland and Germany by whole genome sequencing. *Clin Microbiol Infect*. 2016 Dec;22(12):1003.e1-1003.e8.
50. Moss D, Siccardi M, Marzolini C. Mechanisms of drug interactions II: transport proteins. In *Drug interactions in Infectious Diseases*. Edited by Pai MP, Kiser JJ, Gubbins P, Rodvold KA. Humana Press. 2017 [in press].
51. Mussini C, Antinori A, Bhagani S, Branco T, Brostrom M, Dedes N, Bereczky T, Girardi E, Gökengin D, Horban A, Lacombe K, Lundgren JD, Mendao L, Mocroft A, Oprea C, Porter K, Podlekareva D, Battegay M, d'Arminio Monforte A. European AIDS Clinical Society. Standard of Care meeting on HIV and related coinfections: The Rome Statements. *HIV Med*. 2016 Jun;17(6):445-452.
52. Nemeth N, Bernasconi E, Heininger U, Abbas M, Nadal D, Strahm C, Erb S, Zimmerli S, Furrer HJ, Delaloye J, Kuntzer T, Altpeter E, Ineichen F, Sturzenegger M, Weber R for the Swiss Society for Infectious Diseases and the Swiss Society for Neurology. Update of the Swiss guidelines on post-treatment Lyme disease syndrome. *Swiss Med Wkly*. 2016 Dec 5;146:w14353.
53. Notter J, Labhardt N, Hatz C, Wallnöfer A, Vollgraff M, Ritz N, Wirz S, Berger C, Battegay M, Neumayr A, Fehr J, Jackson YL, Posfay-Barbe K, Durieux S, Lanz C, Staehelin C, Boillat-Blanco N, Fuchs S, Martin B, Tarr P. Infektionen bei erwachsenen Flüchtlingen. *Schweizerisches Medizin-Forum*. 16(49–50):1067-1074; 2016.
54. Oberle M, Wohlwend N, Jonas D, Maurer FP, Jost G, Tschudin-Sutter S, Vranckx K, Egli A. The Technical and Biological Reproducibility of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry (MALDI-TOF MS) Based Typing: Employment of Bioinformatics in a Multi-center Study. *PLoS One*. 2016 Oct 31;11(10):e0164260.
55. Olson AD, Walker AS, Suthar AB, Sabin C, Bucher H C, Jarrin I, Moreno S, Perez-Hoyos S, Porter K, and Ford D. Limiting Cumulative HIV Viremia Copy-Years by Early Treatment Reduces Risk of AIDS and Death. *J Acquir Immune Defic Syndr*. 2016 Sep 1;73(1):100-8.
56. Osthoff M, Bättig V, Khanna N. Isavuconazol. *Ther Umsch*. 2016;73(8):475-481.
57. Osthoff M, Erb S. Neuraminidase Inhibitors and Influenza Infection, *JAMA Intern Med* 2016 Mar;176(3):415. [Letter]

58. Osthoff M, Gürtler N, Bassetti S, Balestra G, Marsch S, Pargger H, Weisser M, Egli A. Impact of MALDI-TOF-MS-based identification directly from positive blood cultures on patient management: A controlled clinical trial. *Clin Microbiol Infect.* 2016 Aug 26. pii: S1198-743X(16)30329-9. doi: 10.1016/j.cmi.2016.08.009. [Epub ahead of print].
59. Osthoff M, Schibli A, Fadini D, Lardelli P, Goldenberger D. Louse-borne relapsing fever - report of four cases in Switzerland, June-December 2015. *BMC Infect Dis.* 2016 May 17;16:210.
60. Osthoff M, Sidler JA, Widmer AF. The authors reply. *Crit Care Med.* 2016 Aug;44(8):e774-5.
61. Osthoff M, Siegemund M, Balestra G, Abdul-Aziz MH, Roberts JA. Prolonged administration of beta-lactam antibiotics - a comprehensive review and critical appraisal. *Swiss medical weekly.* 2016 Oct 10;146:w14368.
62. Osthoff M, Wojtowicz A, Tissot F, Jørgensen C, Thiel S, Zimmerli S, Marchetti O, Khanna N, Bochud PY, Trendelenburg M; Fungal Infection Network of Switzerland (FUNGINOS). Association of lectin pathway proteins with intra-abdominal *Candida* infection in high-risk surgical intensive care unit patients. A prospective cohort within the fungal infection network of Switzerland. *J Infect.* 2016 Mar;72(3):377-85.
63. O'Shea D, Law J, Egli A, Douglas D, Lund G, Forester S, Lambert J, Law M, Burton DR, Tyrrell DL, Houghton M, Humar A, Kneteman N. Prevention of hepatitis C virus infection using a broad cross-neutralizing monoclonal antibody (AR4A) and epigallocatechin gallate. *Liver Transpl.* 2016 Mar;22(3):324-32.
64. Papadimitriou JC, Randhawa P, Rinaldo CH, Drachenberg CB, Alexiev B, Hirsch HH. BK Polyomavirus Infection and Renourinary Tumorigenesis. *Am J Transplant.* 2016 Feb;16(2):398-406.
65. Pape L, Tönshoff B, Hirsch HH; Members of the Working Group 'Transplantation' of the European Society for Paediatric Nephrology. Perception, diagnosis and management of BK polyomavirus replication and disease in paediatric kidney transplant recipients in Europe. *Nephrol Dial Transplant.* 2016 May;31(5):842-7.
66. Peghin M, Hirsch HH, Len Ó, Codina G, Berastegui C, Sáez B, Solé J, Cabral E, Solé A, Zurbano F, López-Medrano F, Román A, Gavaldá J. Epidemiology and Immediate Indirect Effects of Respiratory Viruses in Lung Transplant Recipients: A 5-Year Prospective Study. *Am J Transplant.* 2016 Sep 12. doi: 10.1111/ajt.14042. [Epub ahead of print]
67. Pires J, Kuenzli E, Kasraian S, Tinguely R, Furrer H, Hilty M, Hatz C, Endimiani A. Polyclonal Intestinal Colonization with Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae upon Traveling to India. *Front Microbiol.* 2016 Jul 12;7:1069.
68. Priebe M, Widmer J, Suhartha Löwa N, Abram SL, Mottas I, Woischnig AK, Brunetto PS, Khanna N, Bourquin C, Fromm KM. Antimicrobial silver-filled silica nanorattles with low immunotoxicity in dendritic cells. *Nanomedicine.* 2017 Jan;13(1):11-22.
69. Ramírez-Mena A, Glass TR, Winter A, Kimera N, Ntamatungiro A, Hatz C, Tanner M, Battegay M, Furrer H, Wandeler G, Letang E. The KIULARCO Study Group. Prevalence and Outcomes of Hepatitis B Coinfection and Associated Liver Disease Among Antiretroviral Therapy-Naive Individuals in a Rural Tanzanian Human Immunodeficiency Virus Cohort. *Open Forum Infectious Diseases.* 2016 Jul 29;3(3):ofw162.
70. Rodger AJ, Cambiano V, Bruun T, Vernazza P, Collins S, van Lunzen J, Corbelli GM, Estrada V, Geretti AM, Beloukas A, Asboe D, Viciano P, Gutiérrez F, Clotet B, Pradier C, Gerstoft J, Weber R, Westling K, Wandeler G, Prins JM, Rieger A, Stoeckle M, Kümmerle T, Bini T, Ammassari A, Gilson R, Krznaric I, Ristola M, Zangerle R, Handberg P, Antela A, Allan S, Phillips AN, Lundgren J; PARTNER Study Group. Sexual Activity Without Condoms and Risk of HIV Transmission in Serodifferent Couples When the HIV-Positive Partner Is Using Suppressive Antiretroviral Therapy. *JAMA.* 2016 Jul 12;316(2):171-81.
71. Rusert P, Kouyos RD, Kadelka C, Ebner H, Schanz M, Huber M, Braun DL, Hozé N, Scherrer A, Magnus C, Weber J, Uhr T, Cippa V, Thorball CW, Kuster H, Cavassini M, Bernasconi E, Hoffmann M, Calmy A, Battegay M, Rauch A, Yerly S, Aubert V, Klimkait T, Böni J, Fellay J, Regoes RR, Gün-

- thard HF, Trkola A & the Swiss HIV Cohort Study. Determinants of HIV-1 broadly neutralizing antibody induction. *Nat Med*. 2016 Nov;22(11):1260-1267.
72. Salazar-Vizcaya L, Kouyos RD, Zahnd C, Wandeler G, Battegay M, Darling KEA, Bernasconi E, Calmy A, Vernazza P, Furrer H, Egger M, Keiser O, Rauch A and the Swiss HIV Cohort Study. Hepatitis C Virus Transmission Among Human Immunodeficiency Virus-Infected Men Who Have Sex With Men: Modeling the Effect of Behavioral and Treatment Interventions. *Hepatology*. 2016 Dec;64(6):1856-1869.
 73. Sauter R, Huang R, Ledergerber B, Battegay M, Bernasconi E, Cavassini M, Furrer H, Hoffmann M, Rougemont M, Günthard HF, Held L and the Swiss HIV cohort study. CD4/CD8 ratio and CD8 counts predict CD4 response in HIV-1-infected drug naive and in patients on cART. *Medicine (Baltimore)*. 2016 Oct;95(42):e5094.
 74. Scherrer AU, von Wyl V, Yang WL, Kouyos RD, Böni J, Yerly S, Klimkait T, Aubert V, Cavassini M, Battegay M, Furrer H, Calmy A, Vernazza P, Bernasconi E, Günthard HF. Swiss HIV Cohort Study. Emergence of Acquired HIV-1 Drug Resistance Almost Stopped in Switzerland: A 15-Year Prospective Cohort Analysis. *Clin Infect Dis*. 2016 May 15;62(10):1310-7.
 75. Scherrer AU, Yang WL, Kouyos RD, Böni J, Yerly S, Klimkait T, Aubert V, Cavassini M, Battegay M, Hauser C, Calmy A, Schmid P, Bernasconi E, Günthard HF for the Swiss HIV Cohort Study. Successful Prevention of Transmission of Integrase Resistance in the Swiss HIV Cohort Study. *J Infect Dis*. 2016 Aug 1;214(3):399-402.
 76. Schleenvoigt BT, Bloch-Infanger C, Pletz MW, Hasenböhler P, Battegay M. 57-jähriger Patient mit unklarem Hautbefund. *Dtsch Med Wochenschr*. 2016; 141(4):245.
 77. Schmidt K, Keiser S, Günther V, Georgiev O, Hirsch HH, Schaffner W, Bethge T. Transcription enhancers as major determinants of SV40 polyomavirus growth efficiency and host cell tropism. *J Gen Virol*. 2016 Jul;97(7):1597-603.
 78. Seden K, Gibbons S, Marzolini C, Schapiro JM, Burger DM, Back DJ, Khoo S. Development of an Evidence Evaluation and Synthesis System for Drug-Drug Interactions, and its Application to a Systematic Review of HIV and Malaria Co-infection. *PLoS One* [in press].
 79. Semmlack S, Tschudin-Sutter S, Widmer AF, Valença M, Rüegg S, Marsch S, Sutter R. Independent impact of infections on the course and outcome of status epilepticus: a 10-year cohort study. *J Neurol*. 2016 Jul;263(7):1303-13.
 80. Sester M, Leboeuf C, Schmidt T, Hirsch HH. The "ABC" of Virus-Specific T Cell Immunity in Solid Organ Transplantation. *Am J Transplant*. 2016 Jun;16(6):1697-706.
 81. Shilaih M, Marzel A, Scherrer AU, Braun DL, Kovari H, Rougemont M, Darling K, Battegay M, Hoffmann M, Bernasconi E, Hirzel C, Günthard HF, Kouyos RD; The Swiss HIV Cohort Study. Dually Active HIV/HBV Antiretrovirals as Protection Against Incident Hepatitis B Infections: Potential for Prophylaxis. *J Infect Dis*. 2016 Aug 15;214(4):599-606.
 82. Sikalengo G, Ramirez A, Faini D, Mwamelo K, Battegay M, Jugheli L, Hatz C, Reither K, Letang E. Tuberculous spondylitis diagnosed through Xpert MTB/RIF assay in urine: a case report. *BMC Infect Dis*. 2016 Sep 26;16(1):514.
 83. Springer J, Goldenberger D, Schmidt F, Weisser M, Wehrle-Wieland E, Einsele H, Frei R, Löffler J. Development and application of two independent real-time PCR assays to detect clinically relevant Mucorales species. *J Med Microbiol*. 2016 Mar;65(3):227-34.
 84. Stucki D, Ballif M, Egger M, Furrer H, Altpeter E, Battegay M, Droz S, Bruderer T, Coscolla M, Borrell S, Zürcher K, Janssens JP, Calmy A, Mazza Stalder J, Jatton K, Rieder HL, Pfyffer GE, Siegrist HH, Hoffmann M, Fehr J, Dolina M, Frei R, Schrenzel J, Böttger EC, Gagneux S, Fenner L for the Swiss HIV Cohort and Molecular Epidemiology of Tuberculosis Study Groups. Standard Genotyping Overestimates Transmission of Mycobacterium tuberculosis among Immigrants in a Low-Incidence Country. *J Clin Microbiol*. 2016 Jul;54(7):1862-70.
 85. Stuehler C, Bernardini C, Elzi L, Stoeckle M, Zimmerli S, Furrer H, Günthard HF, Leibundgut-Landmann S, Battegay M, Khanna N; the Swiss HIV Cohort Study. Immune recovery in HIV-infected

- patients after *Candida* esophagitis is impaired despite long-term antiretroviral therapy. *AIDS*. 2016 Jul 31;30(12):1923-33.
86. Stuehler C, Khanna N. Reply to Fernandez-Ruiz et al. *J Infect Dis*. 2016 Mar 1;213(5):874-5.
 87. Syedbasha M, Linnik J, Santer D, O'Shea D, Barakat K, Joyce M, Khanna N, Tyrrell DL, Houghton M, Egli A. An ELISA Based Binding and Competition Method to Rapidly Determine Ligand-receptor Interactions. *J Vis Exp*. 2016 Mar 14;(109).
 88. Tarr P, Notter J, Sydow V, Wirz S, Wallnöfer A, Vollgraff M, Neumayr A, Berger C, Battegay M, Fehr J, Jackson YL, Posfay-Barbe K, Durieux S, Ritz N, Staehelin C, Boillat-Blanco N, Fuchs S, Martin B; Impfungen bei erwachsenen Flüchtlingen. *Schweizerisches Medizin-Forum*. 2016; 16(49–50):1075–1079.
 89. Temkin E, Torre-Cisneros J, Beovic B, Benito N, Giannella M, Gilarranz R, Jeremiah C, Loeches B, Machuca I, Jimenez-Martin MJ, Martinez JA, Mora-Rillo M, Navas E, Osthoff M, Pozo JC, Ramos JC, Rodriguez M, Sanchez Garcia M, Viale P, Wolff M, Carmeli Y. Ceftazidime-avibactam as salvage therapy for infections caused by carbapenem-resistant organisms: a case series from the compassionate-use program. *Antimicrobial agents and chemotherapy*. 2016 Nov 28. pii: AAC.01964-16. [E-pub ahead of print]
 90. Tschan-Plessl A, Stern M, Schmied L, Retière C, Hirsch HH, Garzoni C, van Delden C, Boggian K, Mueller NJ, Berger C, Villard J, Manuel O, Meylan P, Terszowski G. Human Cytomegalovirus Infection Enhances NK Cell Activity In Vitro. *Transplant Direct*. 2016 Jun 17;2(7):e89.
 91. Tschudin-Sutter S, Braissant O, Erb S, Stranden A, Bonkat G, Frei R, Widmer AF. Growth Patterns of *Clostridium difficile* - Correlations with Strains, Binary Toxin and Disease Severity: A Prospective Cohort Study. *PLoS One*. 2016 Sep 6;11(9):e0161711.
 92. Tschudin-Sutter S, Frei R, Dangel M, Jakob M, Balmelli C, Schaefer DJ, Weisser M, Elzi L, Battegay M, Widmer AF. Validation of a treatment algorithm for orthopaedic implant-related infections with device-retention - results from a prospective observational cohort study. *Clin Microbiol Infect*. 2016 May;22(5):457.e1-9.
 93. Tschudin-Sutter S, Frei R, Schwahn F, Tomic M, Conzelmann M, Stranden A, Widmer AF. Prospective validation of cessation of contact precautions for ESBL-producing *E. coli*. *Emerg Infect Dis* 2016 Jun;22(6):1094-7.
 94. Tschudin-Sutter S, Rotter ML, Frei R, Nogarth D, Häusermann P, Stranden A, Pittet D, Widmer AF. Simplifying the WHO "how to hand rub" technique: three steps are as effective as six – results from an experimental randomized cross-over trial. Accepted for publication in *Clin Microbiol Infect* 2016.
 95. Urfer M, Elzi L, Dell-Kuster S, Bassetti S. Intervention to Improve Appropriate Prescribing and Reduce Polypharmacy in Elderly Patients Admitted to an Internal Medicine Unit. *PLoS One*. 2016 Nov 30;11(11):e0166359.
 96. von Rotz M, Dierig A, Heininger U, Chrobak C, Baettig V, Egli A. When two and ½ men go camping...*BMC Infectious diseases*, 2016, accepted.
 97. Wandeler G, Kraus D, Fehr J, Conen A, Calmy A, Orasch C, Battegay M, Schmid P, Bernasconi E, Furrer H; Swiss HIV Cohort Study. The J-Curve in HIV: Low and Moderate Alcohol Intake Predicts Mortality but Not the Occurrence of Major Cardiovascular Events. *J Acquir Immune Defic Syndr*. 2016 Mar 1;71(3):302-9.
 98. Wandeler G, Mulenga L, Vinikoor MJ, Kovari H, Battegay M, Calmy A, Cavassini M, Bernasconi E, Schmid P, Bolton-Moore C, Sinkala E, Chi BH, Egger M, Rauch A; for IeDEA-Southern Africa and the Swiss HIV Cohort Study. Liver fibrosis in treatment-naïve HIV-infected and HIV/HBV co-infected patients: Zambia and Switzerland compared. *Int J Infect Dis*. 2016 Oct;51:97-102.
 99. Wang R, Cosgrove SE, Tschudin-Sutter S, Han JH, Turnbull AE, Hsu AJ, Avdic E, Carroll KC, Tamma PD. Cefepime Therapy for Cefepime-Susceptible Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae Bacteremia. *Open Forum Infect Dis*. 2016 Jun 20;3(3):ofw132.

100. Wang Q, De Luca A, Smith C, Zangerle R, Sambatakou H, Bonnet F, Smit C, Schommers P, Thornton A, Berenguer J, Peters L, Spagnuolo V, Ammassari A, Antinori A, Quiros-Roldan E, Mussini C, Miro JM, Konopnicki D, Fehr J, Campbell MA, Termote M, Bucher HC; Hepatitis Coinfection and Non Hodgkin Lymphoma project team for the Collaboration of Observational HIV Epidemiological Research Europe (COHERE) in EuroCoord. Chronic hepatitis B and C virus infection and risk for non-hodgkin-lymphoma in HIV-infected patients - a cohort study. *Annals of Internal Medicine* , 1-11. 2016 Oct 18. [Epub.]
101. Widmer AF, Frei R, Erb S, Stranden A, Kuijper EJ, Knetsch CW, Tschudin-Sutter S. Transmissibility of *Clostridium difficile* Without Contact Isolation: Results From a Prospective Observational Study With 451 Patients. *Clin Infect Dis*, 2016 November. [Epub ahead of print]
102. Zwisler D, Bloch-Infanger C, Obermann EC, Garcia Alzamora M, Goldenberger D, Battegay M. Katzenkratzkrankheit (KKK) – Eine unerwartete Abszessursache nach Mofa-Unfall auf Bali. *Hausarzt Praxis*. 2016; 11(11):38-41.