

Publications relating to Royal Free HIV Cohort Study

1. Brown J, McGowan JA, Chouial H, Capocci S, Smith C, Ivens D, Johnson M, Sathia L, Shah R Lampe FC, Rodger A, Lipman M. Respiratory health status is impaired in UK HIV-positive adults with virologically suppressed HIV infection. *HIV Med*, 2017 Sep; 18(8); 604-612. doi: 10.1111/hiv.12497
2. Brima N, Lampe FC, Copas A, Gilson R, Williams I, Johnson MA, Phillips AN, Smith CJ. Early virological response to HIV treatment: can we predict who is likely to experience subsequent treatment failure? Results from an observational cohort study, London, UK. *JIAS* 2017 Aug 30. 20; 21567 . doi: 10.7448/JAS.20.1.21567
3. Burch LS, Smith CJ, Anderson J, Sherr L, Rodger AJ, O'Connell R, Geretti AM, Gilson R, Fisher M, Elford J, Jones M, Collins S, Azad Y, Phillips AN, Speakman A, Johnson MA, Lampe FC. Socioeconomic status and treatment outcomes for individuals with HIV on antiretroviral treatment in the UK: cross-sectional and longitudinal analyses. *Lancet Public Health*. 2016 Nov;1(1):e26-e36. doi: 10.1016/S2468-2667(16)30002-0. PMID: 28299369
4. Philip KEJ, Macartney MJ, Conibear TCR, Smith CJ, Marshall N, Johnson MA, Haque T, Webster DP. HIV co-receptor tropism prediction remains stable over time in treatment-naïve patients. *Int J STD AIDS*. 2016 Jun; 27(7); 576-580. doi: 10.1177/0956462415587225
5. Ellis J, Brown J, Smith C, Snell L, Capocci S, Ferro F, Ferreira J, Marshall N, Webster D, Johnson M, Lipman M. Influenza immunisation: knowledge and actions taken by UK HIV-positive adults. *HIV Med*. 2016 May. 17(5); 397-399 . doi: 10.1111/hiv.12309
6. Dragovic G, Smith CJ, Jevtic D, Dimitrijevic B, Kusic J, Youle M, Johnson MA,. Choice of first-line antiretroviral therapy regimen and treatment outcomes for HIV in a middle income compared to a high income country: a cohort study. *BMC Infect Dis*. 2016 Mar 3. 16;106. doi: 10.1186/s12879-016-1443-0
7. Saunders P, Goodman AL, Smith CJ, Marshall N, O'Connor JL, Lampe FC, Johnson MA. Does gender or mode of HIV acquisition affect virological response to modern antiretroviral therapy (ART)? *HIV Med*. 2016 Jan; 17(10): 18-27. doi: 10.1111/hiv.12272
8. Brown J, Smith C, Johnson M, Lipman M, Abubakar I. Respiratory co-morbidities in people with HIV. *Lancet Infect Dis*; 2016 Jan; 16(1); 21. doi: 10.1016/S1473-3099(15)00468-5
9. Capocci S, Smith C, Morris S, Bhagani S, Cropley I, Abubakar I, Johnson M, Lipman M. Decreasing cost effectiveness of testing for latent TB in HIV in a low TB incidence area. *European Respir J*. 2015 Jul. 46(1); 165-174. doi : 10.1183/09031936.00067114
10. Wyatt H, Herman OM, Macartney M, Conibear T, Garcia-Diaz A, Booth C, McCormick A, Smith C, Johnson MA, Irish D, Webster DA. The utility of genotypic tropism testing in clinical practice. *Int J STD AIDS*. 2015 Jul; 26(8); 593-4. doi: 10.1177/0956462414546917
11. Mocroft A, Lundgren JD, Ross M, Law M, Reiss P, Kirk O, Smith C, Wentworth D, Neuhaus J, Fux CA Moranne OA, Morlat P, Johnson MA, Ryom L. Development and Validation of a Risk Score for Chronic Kidney Disease in HIV Infection Using Prospective Cohort Data from the D:A:D Study. *PLOS Med*. 2015 Mar. 12(3); e1001809 . doi: 10.1371/journal.pmed.1001809
12. McCormick AL, Moynihan L, Macartney MJ, Garcia-Diaz A, Smith C, Johnson MA, Rodger AJ, Bhagani S, Haque T, Webster DP. Baseline drug resistance mutations are detectable in HCV genes NS3 and NS5A but not NS5B in acute and chronic HIV-coinfected patients. *Antiviral Ther*. 2015. 20(3); 361-262; doi: 10.3851/IMP2871
13. Bartlett AD, MacCartney MJ, Conibear TC, Feyertag F, Smith CJ, Johnson MA, Hyams C, Garcia-Diaz A, McCormick AL, Booth C, Robertson DL, Webster DP. The utility of different bioinformatics algorithms for genotypic HIV-1 tropism testing in a large clinical cohort with multiple subtypes. *AIDS*. 2015 Jul 17. 28(11); 1611-1617. Doi: 10.1097/QAD.0000000000000288
14. Pujari SN, Smith C, Makane A, Youle M, Johnson M, Bele V, Joshi K, Dabhade D, Bhagani S. Higher risk of renal impairment associated with tenofovir use amongst people living with HIV in India: A comparative cohort analysis between Western India

Publications relating to Royal Free HIV Cohort Study

- and United Kingdom. *BMC Infect Dis.* 2014 Mar 29; 14: 173. doi: 10.1186/1471-2334-14-173
- 15. Calisti G, Capocci SJ, Ware A, Dudill R, Smith C, Johnson MA, Lipman MCI, Webster DP. Impact of Hepatitis B-Active Combination Antiretroviral Therapy on Hepatitis B Susceptibility in Newly Diagnosed HIV Patients. *Clin Infect Dis.* 2014 Jan 1; 58(1):137. doi: 10.1093/cid/cit607
 - 16. Singh R, Marshall N, Smith CJ, Reynolds CJ, Breen RA, Bhagani S, Cropley I, Hopkins S, Swaden L, Johnson MA, Lipman MC. No impact of rifamycin selection on tuberculosis treatment outcome in HIV coinfected patients. *AIDS.* 2013 Jan 28;27(3):481-4. doi: 10.1097/QAD.0b013e32835a67fb. PubMed PMID: 23014518.
 - 17. Sherr L, Clucas C, Lampe F, Harding R, Johnson M, Fisher M, Anderson J, Edwards S, Team S. Gender and mental health aspects of living with HIV disease and its longer-term outcomes for UK heterosexual patients. *Women Health.* 2012;52(3):214-33. doi: 10.1080/03630242.2012.665431. PubMed PMID: 22533897.
 - 18. Harding R, Clucas C, Lampe FC, Date HL, Fisher M, Johnson M, Edwards S, Anderson J, Sherr L. What factors are associated with patient self-reported health status among HIV outpatients? A multi-centre UK study of biomedical and psychosocial factors. *AIDS Care.* 2012;24(8):963-71. doi: 10.1080/09540121.2012.668175. Epub 2012 Apr 23. PubMed PMID: 22519889.
 - 19. Vitiello P, Brudney D, MacCartney M, Garcia A, Smith C, Marshall N, Johnson M, Geretti AM. Responses to switching to maraviroc-based antiretroviral therapy in treated patients with suppressed plasma HIV-1-RNA load. *Intervirology.* 2012;55(2):172-8. doi: 10.1159/000332023. Epub 2012 Jan 24. PubMed PMID: 22286889.
 - 20. Doyle T, Smith C, Vitiello P, Cambiano V, Johnson M, Owen A, Phillips AN, Geretti AM. Plasma HIV-1 RNA detection below 50 copies/ml and risk of virologic rebound in patients receiving highly active antiretroviral therapy. *Clin Infect Dis.* 2012 Mar 1;54(5):724-32. doi: 10.1093/cid/cir936. Epub 2012 Jan 11. PubMed PMID: 22238167.
 - 21. Madge S, Smith C, Evans A, Clewley G, Johnson MA, Geretti AM. Patterns of HIV testing at a London teaching hospital between 2004 and 2007. *Int J STD AIDS.* 2011 Dec;22(12):730-3. doi: 10.1258/ijsa.2010.010500. PubMed PMID: 22174055.
 - 22. Harding R, Clucas C, Lampe FC, Norwood S, Leake Date H, Fisher M, Johnson M, Edwards S, Anderson J, Sherr L. Behavioral surveillance study: sexual risk taking behaviour in UK HIV outpatient attendees. *AIDS Behav.* 2012 Aug;16(6):1708-15. doi: 10.1007/s10461-011-0023-y. PubMed PMID: 21850443.
 - 23. Madge S, Smith C, Evans A, Clewley G, Johnson MA, Geretti AM. Patterns of HIV testing at a London teaching hospital between 2004 and 2007. *Int J STD AIDS.* 2011 Mar;22(3):151-4. doi: 10.1258/ijsa.2010.010299. PubMed PMID: 21464452.
 - 24. Doyle T, Garcia-Diaz AM, Ambrose J, Strang A, Cambiano V, Johnson M, Geretti AM. Detecting HIV-1 superinfection by pol gene population sequencing among untreated HIV-1-infected men who experience sudden rises in plasma HIV-1 RNA load. *AIDS.* 2011 Feb 20;25(4):542-4. doi: 10.1097/QAD.0b013e32834345ba. PubMed PMID: 21293202.
 - 25. Foulkes AS, Azzoni L, Li X, Johnson MA, Smith C, Mounzer K, Montaner LJ. Prediction based classification for longitudinal biomarkers. *Ann Appl Stat.* 2010 Sep;4(3):1476-1497. PubMed PMID: 21274424; PubMed Central PMCID: PMC3026390.
 - 26. Sherr L, Lampe FC, Clucas C, Johnson M, Fisher M, Leake Date H, Anderson J, Edwards S, Smith CJ, Hill T, Harding R. Self-reported non-adherence to ART and virological outcome in a multiclinic UK study. *AIDS Care.* 2010 Aug;22(8):939-45. doi: 10.1080/09540121.2010.482126. PubMed PMID: 20574863.
 - 27. Clucas C, Harding R, Lampe FC, Anderson J, Date HL, Johnson M, Edwards S, Fisher M, Sherr L. Doctor-patient concordance during HIV treatment switching decision-making. *HIV Med.* 2011 Feb;12(2):87-96. doi: 10.1111/j.1468-1293.2010.00851.x. PubMed PMID: 20561081.
 - 28. Harding R, Lampe FC, Norwood S, Date HL, Clucas C, Fisher M, Johnson M, Edwards S, Anderson J, Sherr L. Symptoms are highly prevalent among HIV outpatients and

Publications relating to Royal Free HIV Cohort Study

- associated with poor adherence and unprotected sexual intercourse. *Sex Transm Infect.* 2010 Dec;86(7):520-4. doi: 10.1136/sti.2009.038505. Epub 2010 Jun 15. PubMed PMID: 20551235.
29. Phillips AN, Lampe FC, Smith CJ, Geretti AM, Rodger A, Lodwick RK, Cambiano V, Tsintas R, Johnson MA. Ongoing changes in HIV RNA levels during untreated HIV infection: implications for CD4 cell count depletion. *AIDS.* 2010 Jun;24(10):1561-7. doi: 10.1097/QAD.0b013e32833a6056. PubMed PMID: 20505495.
30. Molton J, Smith C, Chaytor S, Maple P, Brown K, Johnson M, Geretti AM. Seroprevalence of common vaccine-preventable viral infections in HIV-positive adults. *J Infect.* 2010 Jul;61(1):73-80. doi: 10.1016/j.jinf.2010.04.004. Epub 2010 Apr 18. PubMed PMID: 20403382.
31. Cambiano V, Lampe FC, Rodger AJ, Smith CJ, Geretti AM, Lodwick RK, Puradiredja DI, Johnson M, Swaden L, Phillips AN. Long-term trends in adherence to antiretroviral therapy from start of HAART. *AIDS.* 2010 May 15;24(8):1153-62. doi: 10.1097/QAD.0b013e32833847af. PubMed PMID: 20299959.
32. Lampe FC, Harding R, Smith CJ, Phillips AN, Johnson M, Sherr L. Physical and psychological symptoms and risk of virologic rebound among patients with virologic suppression on antiretroviral therapy. *J Acquir Immune Defic Syndr.* 2010 Aug;54(5):500-5. doi: 10.1097/QAI.0b013e3181ce6afe. PubMed PMID: 20150819.
33. Cambiano V, Lampe FC, Rodger AJ, Smith CJ, Geretti AM, Lodwick RK, Holloway J, Johnson M, Phillips AN. Use of a prescription-based measure of antiretroviral therapy adherence to predict viral rebound in HIV-infected individuals with viral suppression. *HIV Med.* 2010 Mar;11(3):216-24. doi: 10.1111/j.1468-1293.2009.00771.x. Epub 2009 Dec 3. PubMed PMID: 20002781.
34. Dragovic GJ, Smith CJ, Jevtovic DJ, Johnson MA, Ranin J, Salemovic D, Youle MS. Comparison of nucleoside reverse transcriptase inhibitor use as part of first-line therapy in a Serbian and a UK HIV clinic. *HIV Clin Trials.* 2009 Sep-Oct;10(5):306-13. doi: 10.1310/hct1005-306. PubMed PMID: 19965332.
35. Geretti AM, Fox ZV, Booth CL, Smith CJ, Phillips AN, Johnson M, Li JF, Heneine W, Johnson JA. Low-frequency K103N strengthens the impact of transmitted drug resistance on virologic responses to first-line efavirenz or nevirapine-based highly active antiretroviral therapy. *J Acquir Immune Defic Syndr.* 2009 Dec;52(5):569-73. doi: 10.1097/QAI.0b013e3181ba11e8. PubMed PMID: 19779307.
36. Labbett W, Garcia-Diaz A, Fox Z, Clewley GS, Fernandez T, Johnson M, Geretti AM. Comparative evaluation of the ExaVir Load version 3 reverse transcriptase assay for measurement of human immunodeficiency virus type 1 plasma load. *J Clin Microbiol.* 2009 Oct;47(10):3266-70. doi: 10.1128/JCM.00715-09. Epub 2009 Aug 5. PubMed PMID: 19656978; PubMed Central PMCID: PMC2756939.
37. Mahungu TW, Nair D, Smith CJ, Egan D, Youle M, Johnson MA, Khoo SH, Back DJ, Owen A. The relationships of ABCB1 3435C>T and CYP2B6 516G>T with high-density lipoprotein cholesterol in HIV-infected patients receiving Efavirenz. *Clin Pharmacol Ther.* 2009 Aug;86(2):204-11. doi: 10.1038/clpt.2009.78. Epub 2009 May 27. PubMed PMID: 19474786.
38. Sherr L, Harding R, Lampe F, Johnson M, Anderson J, Zetler S, Fisher M, Arthur G, Norwood S, Leake-Date H, Edwards S. Clinical and behavioural aspects of aging with HIV infection. *Psychol Health Med.* 2009 May;14(3):273-9. doi: 10.1080/13548500902865964. PubMed PMID: 19444705.
39. Mahungu T, Smith C, Turner F, Egan D, Youle M, Johnson M, Khoo S, Back Dj, Owen A. Cytochrome P450 2B6 516G->T is associated with plasma concentrations of nevirapine at both 200 mg twice daily and 400 mg once daily in an ethnically diverse population. *HIV Med.* 2009 May;10(5):310-7. doi: 10.1111/j.1468-1293.2008.00689.x. Epub 2009 Feb 17. Erratum in: *HIV Med.* 2009 Nov;10(10):661. PubMed PMID: 19228205.
40. Geretti AM, Smith C, Haberl A, Garcia-Diaz A, Nebbia G, Johnson M, Phillips A, Staszewski S. Determinants of virological failure after successful viral load suppression

Publications relating to Royal Free HIV Cohort Study

- in first-line highly active antiretroviral therapy. *Antivir Ther.* 2008;13(7):927-36. PubMed PMID: 19043927.
41. Smith CJ, Phillips AN, Dauer B, Johnson MA, Lampe FC, Youle MS, Tyrer M, Staszewski S. Factors associated with viral rebound among highly treatment-experienced HIV-positive patients who have achieved viral suppression. *HIV Med.* 2009 Jan;10(1):19-27. doi: 10.1111/j.1468-1293.2008.00650.x. Epub 2008 Nov 10. PubMed PMID: 19018880.
 42. Garcia-Diaz A, Lok CB, Madge S, Booth C, Tyrer M, Bonora S, Mahungu T, Owen A, Johnson M, Geretti AM. Detection of low-frequency K103N mutants after unstructured discontinuation of efavirenz in the presence of the CYP2B6 516 TT polymorphism. *J Antimicrob Chemother.* 2008 Dec;62(6):1188-90. doi: 10.1093/jac/dkn374. Epub 2008 Sep 10. Erratum in: *J Antimicrob Chemother.* 2011 Mar;66(3):688. Blok, Chun [corrected to Lok, Chun Bong]. PubMed PMID: 18786939.
 43. Sherr L, Lampe F, Fisher M, Arthur G, Anderson J, Zetler S, Johnson M, Edwards S, Harding R. Suicidal ideation in UK HIV clinic attenders. *AIDS.* 2008 Aug 20;22(13):1651-8. doi: 10.1097/QAD.0b013e32830c4804. PubMed PMID: 18670226.
 44. Shah S, Montgomery H, Crow JC, Smith CJ, Moore A, Sabin CA, Evans H, Johnson MA. Cervical intraepithelial neoplasia treatment in Human Immunodeficiency Virus-positive women. *J Obstet Gynaecol.* 2008 Apr;28(3):327-32. doi: 10.1080/01443610802054964. PubMed PMID: 18569480.
 45. Lodwick RK, Smith CJ, Youle M, Lampe FC, Tyrer M, Bhagani S, Chaloner C, Sabin CA, Johnson MA, Phillips AN. Stability of antiretroviral regimens in patients with viral suppression. *AIDS.* 2008 May 31;22(9):1039-46. doi: 10.1097/QAD.0b013e3282fec415. PubMed PMID: 18520347.
 46. Sherr L, Lampe F, Norwood S, Leake Date H, Harding R, Johnson M, Edwards S, Fisher M, Arthur G, Zetler S, Anderson J. Adherence to antiretroviral treatment in patients with HIV in the UK: a study of complexity. *AIDS Care.* 2008 Apr;20(4):442-8. doi: 10.1080/09540120701867032. PubMed PMID: 18449821.
 47. Madge S, Smith CJ, Lampe F, Sabin CA, Youle M, Johnson MA, Phillips AN. An audit of viral load in one clinical population to describe features of viraemic patients on antiretroviral therapy. *HIV Med.* 2008 Apr;9(4):208-13. doi: 10.1111/j.1468-1293.2008.00548.x. Epub 2008 Feb 21. PubMed PMID: 18298577.
 48. Sherr L, Lampe F, Norwood S, Leake-Date H, Fisher M, Edwards S, Arthur G, Anderson J, Zetler S, Johnson M, Harding R. Successive switching of antiretroviral therapy is associated with high psychological and physical burden. *Int J STD AIDS.* 2007 Oct;18(10):700-4. PubMed PMID: 17945049.
 49. Nebbia G, Garcia-Diaz A, Ayliffe U, Smith C, Dervisevic S, Johnson M, Gilson R, Tedder R, Geretti AM. Predictors and kinetics of occult hepatitis B virus infection in HIV-infected persons. *J Med Virol.* 2007 Oct;79(10):1464-71. PubMed PMID: 17705185.
 50. Smith CJ, Sabin CA, Youle MS, Lampe FC, Bhagani S, Madge S, Puradiredja D, Johnson MA, Phillips AN. Response to efavirenz-containing regimens in previously antiretroviral-naïve HIV-positive patients: the role of gender. *J Acquir Immune Defic Syndr.* 2007 Sep 1;46(1):62-7. PubMed PMID: 17667341.
 51. Lampe FC, Smith CJ, Madge S, Kinloch-de Loes S, Tyrer M, Sabin CA, Chaloner C, Youle M, Johnson MA, Phillips AN. Success of clinical care for human immunodeficiency virus infection according to demographic group among sexually infected patients in a routine clinic population, 1999 to 2004. *Arch Intern Med.* 2007 Apr 9;167(7):692-700. PubMed PMID: 17420428.
 52. Smith CJ, Phillips AN, Youle MS, Sabin CA, Lampe FC, Tsintas R, Tyrer M, Johnson MA. Treatment outcomes amongst previously antiretroviral-naïve HIV-infected patients starting lopinavir/ritonavir-containing antiretroviral regimens at the Royal Free Hospital. *HIV Med.* 2007 Jan;8(1):55-63. PubMed PMID: 17305933.
 53. Shah S, Smith CJ, Lampe F, Youle M, Johnson MA, Phillips AN, Sabin CA. Haemoglobin and albumin as markers of HIV disease progression in the highly active

Publications relating to Royal Free HIV Cohort Study

- antiretroviral therapy era: relationships with gender. *HIV Med.* 2007 Jan;8(1):38-45. PubMed PMID: 17305931.
54. Madge S, Smith CJ, Lampe FC, Thomas M, Johnson MA, Youle M, Vanderpump M. No association between HIV disease and its treatment and thyroid function. *HIV Med.* 2007 Jan;8(1):22-7. PubMed PMID: 17305928.
55. Booth CL, Garcia-Diaz AM, Youle MS, Johnson MA, Phillips A, Geretti AM. Prevalence and predictors of antiretroviral drug resistance in newly diagnosed HIV-1 infection. *J Antimicrob Chemother.* 2007 Mar;59(3):517-24. Epub 2007 Jan 9. PubMed PMID: 17213262.
56. Ramaswamy M, Waters A, Smith C, Hainsworth E, Hardy G, Johnson M, Ainsworth J, Phillips A, Geretti AM. Reconstitution of herpes simplex virus-specific T cell immunity in HIV-infected patients receiving highly active antiretroviral therapy. *J Infect Dis.* 2007 Feb 1;195(3):410-5. Epub 2006 Dec 20. PubMed PMID: 17205480.
57. Chawla A, Murphy G, Donnelly C, Booth CL, Johnson M, Parry JV, Phillips A, Geretti AM. Human immunodeficiency virus (HIV) antibody avidity testing to identify recent infection in newly diagnosed HIV type 1 (HIV-1)-seropositive persons infected with diverse HIV-1 subtypes. *J Clin Microbiol.* 2007 Feb;45(2):415-20. Epub 2006 Dec 6. PubMed PMID: 17151211; PubMed Central PMCID: PMC1829080.
58. Breen RA, Miller RF, Gorsuch T, Smith CJ, Schwenk A, Holmes W, Ballinger J, Swaden L, Johnson MA, Cropley I, Lipman MC. Adverse events and treatment interruption in tuberculosis patients with and without HIV co-infection. *Thorax.* 2006 Sep;61(9):791-4. Epub 2006 Jul 14. PubMed PMID: 16844730; PubMed Central PMCID: PMC2117099.
59. Breen RA, Janossy G, Barry SM, Cropley I, Johnson MA, Lipman MC. Detection of mycobacterial antigen responses in lung but not blood in HIV-tuberculosis co-infected subjects. *AIDS.* 2006 Jun 12;20(9):1330-2. PubMed PMID: 16816564.
60. Breen RA, Miller RF, Gorsuch T, Smith CJ, Ainsworth J, Ballinger J, Swaden L, Cropley I, Johnson MA, Lipman MC. Virological response to highly active antiretroviral therapy is unaffected by antituberculosis therapy. *J Infect Dis.* 2006 May 15;193(10):1437-40. Epub 2006 Apr 4. PubMed PMID: 16619192.
61. Lampe FC, Gatell JM, Staszewski S, Johnson MA, Pradier C, Gill MJ, de Lazzari E, Dauer B, Youle M, Fontas E, Krentz HB, Phillips AN. Changes over time in risk of initial virological failure of combination antiretroviral therapy: a multicohort analysis, 1996 to 2002. *Arch Intern Med.* 2006 Mar 13;166(5):521-8. PubMed PMID: 16534038.
62. Sabin CA, Smith CJ, Youle M, Lampe FC, Bell DR, Puradiredja D, Lipman MC, Bhagani S, Phillips AN, Johnson MA. Deaths in the era of HAART: contribution of late presentation, treatment exposure, resistance and abnormal laboratory markers. *AIDS.* 2006 Jan 2;20(1):67-71. PubMed PMID: 16327321.
63. Shah S, Montgomery H, Smith C, Madge S, Walker P, Evans H, Johnson M, Sabin C. Cervical screening in HIV-positive women: characteristics of those who default and attitudes towards screening. *HIV Med.* 2006 Jan;7(1):46-52. PubMed PMID: 16313292.
64. Nebbia G, Chawla A, Schutten M, Atkinson C, Raza M, Johnson M, Geretti A. Adenovirus viraemia and dissemination unresponsive to antiviral therapy in advanced HIV-1 infection. *AIDS.* 2005 Aug 12;19(12):1339-40. PubMed PMID: 16052099.
65. Breen RA, Smith CJ, Cropley I, Johnson MA, Lipman MC. Does immune reconstitution syndrome promote active tuberculosis in patients receiving highly active antiretroviral therapy? *AIDS.* 2005 Jul 22;19(11):1201-6. PubMed PMID: 15990574.
66. Colette JS, Sabin CA, Lampe FC, Shah S, Tyrer M, Youle MS, Cropley I, Johnson MA, Phillips AN. The relationship between CD4 cell count nadirs and the toxicity profiles of antiretroviral regimens. *Antivir Ther.* 2005;10(3):459-67. PubMed PMID: 15918337.
67. Sabin CA, Smith CJ, Gumley H, Murphy G, Lampe FC, Phillips AN, Prinz B, Youle M, Johnson MA. Late presenters in the era of highly active antiretroviral therapy: uptake of and responses to antiretroviral therapy. *AIDS.* 2004 Nov 5;18(16):2145-51. PubMed PMID: 15577647.
68. Smith CJ, Sabin CA, Youle MS, Kinloch-de Loes S, Lampe FC, Madge S, Cropley I, Johnson MA, Phillips AN. Factors influencing increases in CD4 cell counts of HIV-

Publications relating to Royal Free HIV Cohort Study

- positive persons receiving long-term highly active antiretroviral therapy. *J Infect Dis.* 2004 Nov 15;190(10):1860-8. Epub 2004 Oct 8. PubMed PMID: 15499544.
69. Smith CJ, Staszewski S, Sabin CA, Nelson M, Dauer B, Gute P, Johnson MA, Phillips AN, Gazzard B. Use of viral load measured after 4 weeks of highly active antiretroviral therapy to predict virologic outcome at 24 weeks for HIV-1-positive individuals. *J Acquir Immune Defic Syndr.* 2004 Sep 1;37(1):1155-9. PubMed PMID: 15319675.
70. Breen RA, Smith CJ, Bettinson H, Dart S, Bannister B, Johnson MA, Lipman MC. Paradoxical reactions during tuberculosis treatment in patients with and without HIV co-infection. *Thorax.* 2004 Aug;59(8):704-7. PubMed PMID: 15282393; PubMed Central PMCID: PMC1747098.
71. Hart AM, Wilson AD, Montovani C, Smith C, Johnson M, Terenghi G, Youle M. Acetyl-L-carnitine: a pathogenesis based treatment for HIV-associated antiretroviral toxic neuropathy. *AIDS.* 2004 Jul 23;18(11):1549-60. PubMed PMID: 15238773.
72. Smith CJ, Levy I, Sabin CA, Kaya E, Johnson MA, Lipman MC. Cardiovascular disease risk factors and antiretroviral therapy in an HIV-positive UK population. *HIV Med.* 2004 Mar;5(2):88-92. Erratum in: *HIV Med.* 2004 Jul;5(4):314. PubMed PMID: 15012647.
73. Sinclair M, Bor R, Evans A, Glass D, Levitt D, Johnson MA. The sociodemographic profile, risk categories and prevalence of HIV infection among people attending a London same-day testing clinic, 2000-2001. *Int J STD AIDS.* 2004 Jan;15(1):33-7. PubMed PMID: 14769169.
74. Sabin CA, Lampe FC, Chaloner C, Madge SJ, Lipman MC, Youle M, Phillips AN, Johnson MA. An audit of antiretroviral treatment use in HIV-infected patients in a London clinic: the limitations of observational databases when auditing antiretroviral treatment use. *HIV Med.* 2003 Apr;4(2):87-93. PubMed PMID: 12702128.
75. Smith CJ, Sabin CA, Lampe FC, Kinloch-de-Loes S, Gumley H, Carroll A, Prinz B, Youle M, Johnson MA, Phillips AN. The potential for CD4 cell increases in HIV-positive individuals who control viraemia with highly active antiretroviral therapy. *AIDS.* 2003 May 2;17(7):963-9. PubMed PMID: 12700445.
76. Lampe FC, Johnson MA, Lipman M, Loveday C, Youle M, Ransom D, Sabin CA, Tyrer M, Phillips AN. Viral breakthrough after suppression with highly active antiretroviral therapy: experience from 233 individuals with viral loads of less than 50 copies/ml followed for up to 4 years. *AIDS.* 2003 Mar 28;17(5):768-70. PubMed PMID: 12646806.
77. Phillips AN, Staszewski S, Lampe F, Youle MS, Klauke S, Bickel M, Sabin CA, Doerr W, Johnson MA, Loveday C, Miller V; Royal Free Centre for HIV Medicine; Goethe Universität Clinic Cohort. Human immunodeficiency virus rebound after suppression to <400 copies/mL during initial highly active antiretroviral therapy regimens, according to prior nucleoside experience and duration of suppression. *J Infect Dis.* 2002 Oct 15;186(8):1086-91. Epub 2002 Sep 30. PubMed PMID: 12355358.
78. Barry SM, Lloyd-Owen SJ, Madge SJ, Cozzi-Lepri A, Evans AJ, Phillips AN, Johnson MA. The changing demographics of new HIV diagnoses at a London centre from 1994 to 2000. *HIV Med.* 2002 Apr;3(2):129-34. PubMed PMID: 12010360.
79. Phillips AN, Youle M, Lampe F, Sabin CA, Hill A, Ransom D, Gumley H, Loveday C, Lipman M, Johnson M. CD4 cell count changes in individuals with counts above 500 cells/mm³ and viral loads below 50 copies/ml on antiretroviral therapy. *AIDS.* 2002 May 3;16(7):1073-5. PubMed PMID: 11953476.
80. Moore AL, Sabin CA, Madge S, Mocroft A, Reid W, Johnson MA. Highly active antiretroviral therapy and cervical intraepithelial neoplasia. *AIDS.* 2002 Apr 12;16(6):927-9. PubMed PMID: 11919496.
81. Moore AL, Youle M, Lipman M, Cozzi-Lepri A, Lampe F, Madge S, Nesaratnam S, Tyrer M, Cuthbertson Z, Ransom D, Loveday C, Johnson MA, Phillips AN; Royal Free Centre for HIV Medicine. Raised viral load in patients with viral suppression on highly active antiretroviral therapy: transient increase or treatment failure? *AIDS.* 2002 Mar 8;16(4):615-8. PubMed PMID: 11873005.

Publications relating to Royal Free HIV Cohort Study

82. Moore AL, Sabin CA, Johnson MA, Phillips AN. Gender and clinical outcomes after starting highly active antiretroviral treatment: a cohort study. *J Acquir Immune Defic Syndr.* 2002 Feb 1;29(2):197-202. PubMed PMID: 11832692.
83. Youle M, Tyrer M, Fisher M, Lampe F, Wilson D, Ransom D, Story A, Mocroft A, Loveday C, Johnson MA, Phillips AN. Brief report: two-year outcome of a multidrug regimen in patients who did not respond to a protease inhibitor regimen. *J Acquir Immune Defic Syndr.* 2002 Jan 1;29(1):58-61. PubMed PMID: 11782591.
84. Matthews GV, Sabin CA, Mandalia S, Lampe F, Phillips AN, Nelson MR, Bower M, Johnson MA, Gazzard BG. Virological suppression at 6 months is related to choice of initial regimen in antiretroviral-naïve patients: a cohort study. *AIDS.* 2002 Jan 4;16(1):53-61. PubMed PMID: 11741163.
85. Madge S, Mocroft A, Wilson D, Youle M, Lipman MC, Phillips A, Tyrer M, Cozzi-Lepri A, Swaden L, Johnson MA. Participation in clinical studies among patients infected with HIV-1 in a single treatment centre over 12 years. *HIV Med.* 2000 Oct;1(4):212-8. PubMed PMID: 11737351.
86. Mocroft A, Sabin CA, Youle M, Swaden L, Tyrer M, Wilson D, Madge S, Johnson MA, Phillips AN. Changing treatment patterns among patients with HIV: Royal Free Hospital 1987-97. *HIV Med.* 1999 Oct;1(1):32-9. PubMed PMID: 11737327.
87. Moore AL, Vashisht A, Sabin CA, Mocroft A, Madge S, Phillips AN, Studd JW, Johnson MA. Reduced bone mineral density in HIV-positive individuals. *AIDS.* 2001 Sep 7;15(13):1731-3. PubMed PMID: 11546951.
88. Devereux HL, Emery VC, Johnson MA, Loveday C. Replicative fitness in vivo of HIV-1 variants with multiple drug resistance-associated mutations. *J Med Virol.* 2001 Oct;65(2):218-24. PubMed PMID: 11536226.
89. Elford J, Leatly S, Lampe F, Wells H, Evans A, Miller R, Johnson M, Sherr L. Incidence of HIV infection among gay men in a London HIV testing clinic, 1997-1998. *AIDS.* 2001 Mar 30;15(5):650-3. PubMed PMID: 11317006.
90. Moore AL, Mocroft A, Madge S, Devereux H, Wilson D, Phillips AN, Johnson M. Gender differences in virologic response to treatment in an HIV-positive population: a cohort study. *J Acquir Immune Defic Syndr.* 2001 Feb 1;26(2):159-63. PubMed PMID: 11242183.
91. Mocroft A, Youle M, Moore A, Sabin CA, Madge S, Lepri AC, Tyrer M, Chaloner C, Wilson D, Loveday C, Johnson MA, Phillips AN. Reasons for modification and discontinuation of antiretrovirals: results from a single treatment centre. *AIDS.* 2001 Jan 26;15(2):185-94. PubMed PMID: 11216926.
92. Lipman MC, Ainscough S, Deery AR, Griffiths PD, Johnson MA, Kibbler CC. Infrequency of pulmonary microbial colonisation prior to respiratory disease in HIV-infected individuals. *Eur J Clin Microbiol Infect Dis.* 2000 Sep;19(9):699-703. PubMed PMID: 11057504.
93. Youle M, Janossy G, Turnbull W, Tilling R, Loveday C, Mocroft A, Tyrer M, Madge S, Wilson D, Dykhow A, Johnson M, Phillips AN. Changes in CD4 lymphocyte counts after interruption of therapy in patients with viral failure on protease inhibitor-containing regimens. Royal Free Centre for HIV Medicine. *AIDS.* 2000 Aug 18;14(12):1717-20. PubMed PMID: 10985307.
94. Mocroft A, Devereux H, Kinloch-de-Loes S, Wilson D, Madge S, Youle M, Tyrer M, Loveday C, Phillips AN, Johnson MA. Immunological, virological and clinical response to highly active antiretroviral therapy treatment regimens in a complete clinic population. Royal Free Centre for HIV Medicine. *AIDS.* 2000 Jul 28;14(11):1545-52. PubMed PMID: 10983641.
95. Devereux HL, Loveday C, Youle M, Sabin CA, Burke A, Johnson M. Substantial correlation between HIV type 1 drug-associated resistance mutations in plasma and peripheral blood mononuclear cells in treatment-experienced patients. *AIDS Res Hum Retroviruses.* 2000 Jul 20;16(11):1025-30. PubMed PMID: 10933616.
96. Deayton JR, Wilson P, Sabin CA, Davey CC, Johnson MA, Emery VC, Griffiths PD. Changes in the natural history of cytomegalovirus retinitis following the introduction of

Publications relating to Royal Free HIV Cohort Study

- highly active antiretroviral therapy. *AIDS*. 2000 Jun 16;14(9):1163-70. PubMed PMID: 10894280.
97. Madge S, Jones M, Mocroft A, Wells H, Johnson MA. Do people attending a same day testing clinic discuss their need for a HIV test with their GP? *Br J Gen Pract*. 1999 Oct;49(447):813-5. PubMed PMID: 10885087; PubMed Central PMCID: PMC1313534.
98. Devereux HL, Loveday C, Youle M, Sabin CA, Burke A, Johnson MA. Reduction in human immunodeficiency virus type 1 mutations associated with drug resistance after initiating new therapeutic regimens in pretreated patients. *J Infect Dis*. 2000 May;181(5):1804-7. Epub 2000 May 15. PubMed PMID: 10823789.
99. Breen RA, Lipman MC, Johnson MA. Increased incidence of peripheral neuropathy with co-administration of stavudine and isoniazid in HIV-infected individuals. *AIDS*. 2000 Mar 31;14(5):615. PubMed PMID: 10780724.
100. Devereux HL, Youle M, Johnson MA, Loveday C. Rapid decline in detectability of HIV-1 drug resistance mutations after stopping therapy. *AIDS*. 1999 Dec 24;13(18):F123-7. PubMed PMID: 10630517.
101. Mocroft A, Sabin CA, Youle M, Madge S, Tyrer M, Devereux H, Deayton J, Dykhoff A, Lipman MC, Phillips AN, Johnson MA. Changes in AIDS-defining illnesses in a London Clinic, 1987-1998. *J Acquir Immune Defic Syndr*. 1999 Aug 15;21(5):401-7. PubMed PMID: 10458621.
102. Sabin CA, Clewley GS, Deayton JR, Mocroft A, Johnson MA, Lee CA, McLaughlin JE, Griffiths PD. Shorter survival in HIV-positive patients with diarrhoea who excrete adenovirus from the GI tract. *J Med Virol*. 1999 Jul;58(3):280-5. PubMed PMID: 10447424.
103. Mocroft A, Barry S, Sabin CA, Lepri AC, Kinloch S, Drinkwater A, Lipman M, Youle M, Johnson MA, Phillips AN. The changing pattern of admissions to a London hospital of patients with HIV: 1988-1997. Royal Free Centre for HIV Medicine. *AIDS*. 1999 Jul 9;13(10):1255-61. PubMed PMID: 10416531.
104. Deayton J, Mocroft A, Wilson P, Emery VC, Johnson MA, Griffiths PD. Loss of cytomegalovirus (CMV) viraemia following highly active antiretroviral therapy in the absence of specific anti-CMV therapy. *AIDS*. 1999 Jul 9;13(10):1203-6. PubMed PMID: 10416523.
105. Madge S, Kinloch-de-Loes S, Mercey D, Johnson MA, Weller IV. Lipodystrophy in patients naive to HIV protease inhibitors. *AIDS*. 1999 Apr 16;13(6):735-7. PubMed PMID: 10397574.
106. Devereux H, Loveday C, Burke A, Dann L, Johnson M, Phillips A. The prevalence of non-B subtype HIV-1 in a London HIV/AIDS outpatient clinic. *AIDS*. 1999 Jan 14;13(1):142. PubMed PMID: 10207561.
107. Sabin CA, Mocroft A, Bofill M, Janossy G, Lee CA, Johnson M, Phillips AN. Changes in lymphocyte subsets in human immunodeficiency virus-positive persons with < 5 CD4 T lymphocytes/mm³. *J Infect Dis*. 1998 Oct;178(4):1166-9. PubMed PMID: 9806052.
108. Moodley J, Moodley D, Pillay K, Coovadia H, Saba J, van Leeuwen R, Goodwin C, Harrigan PR, Moore KH, Stone C, Plumb R, Johnson MA. Pharmacokinetics and antiretroviral activity of lamivudine alone or when coadministered with zidovudine in human immunodeficiency virus type 1-infected pregnant women and their offspring. *J Infect Dis*. 1998 Nov;178(5):1327-33. PubMed PMID: 9780252.
109. Madge S, Mocroft A, Olaitan A, Johnson M. Do women with HIV infection consult with their GPs? *Br J Gen Pract*. 1998 Jun;48(431):1329-30. PubMed PMID: 9747552; PubMed Central PMCID: PMC1410151.
110. Lipman MC, Stobbs D, Madge S, Miller R, Johnson MA. Research bronchoscopies do not adversely affect HIV-infected individuals' future health-care decisions. *Chest*. 1998 Jul;114(1):284-90. PubMed PMID: 9674480.
111. Leask C, Sabin C, Miller R, Stuhldreher R, Jarrett S, Johnson M. HIV follow-up care at a London teaching hospital. *AIDS Care*. 1998 Apr;10(2):165-73. PubMed PMID: 9625900.
112. Atkins M, Strappe P, Kaye S, Loveday C, McLaughlin JE, Johnson MA, Tedder RS, Griffiths PD, Emery VC. Quantitative differences in the distribution of zidovudine

Publications relating to Royal Free HIV Cohort Study

- resistance mutations in multiple post-mortem tissues from AIDS patients. *J Med Virol.* 1998 Jun;55(2):138-46. PubMed PMID: 9598935.
113. Bofill M, Lipman M, McLaughlin JE, Johnson MA, Poulter LW. Changes in lung lymphocyte populations reflect those seen in peripheral blood in HIV-1 positive individuals. *Eur Respir J.* 1998 Mar;11(3):548-53. PubMed PMID: 9596100.
114. Olaitan A, Johnson MA, Reid WM, Poulter LW. Changes to the cytokine microenvironment in the genital tract mucosa of HIV+ women. *Clin Exp Immunol.* 1998 Apr;112(1):100-4. PubMed PMID: 9566796; PubMed Central PMCID: PMC1904949.
115. Wells H, Sherr L, Norton J, Miller R, Johnson MA, Elford J. The new HIV therapies: implications for HIV prevention. *AIDS.* 1998 Jan 1;12(1):117-8. PubMed PMID: 9456266.
116. Phillips AN, McLean A, Johnson MA, Tyrer M, Emery V, Griffiths P, Bofill M, Janossy G, Loveday C. HIV-1 dynamics after transient antiretroviral therapy: implications for pathogenesis and clinical management. *J Med Virol.* 1997 Nov;53(3):261-5. PubMed PMID: 9365893.
117. Fabio G, Knight SN, Kidd IM, Noibi SM, Johnson MA, Emery VC, Griffiths PD, Clark DA. Prospective study of human herpesvirus 6, human herpesvirus 7, and cytomegalovirus infections in human immunodeficiency virus-positive patients. *J Clin Microbiol.* 1997 Oct;35(10):2657-9. PubMed PMID: 9316927; PubMed Central PMCID: PMC230030.
118. Sherr L, Barnes J, Elford J, Olaitan A, Miller R, Johnson M. Women with HIV disease attending a London clinic. *Genitourin Med.* 1997 Aug;73(4):274-9. PubMed PMID: 9389949; PubMed Central PMCID: PMC1195857.
119. Sabin CA, Mocroft A, Bofill M, Janossy G, Johnson M, Lee CA, Phillips AN. Survival after a very low (< 5 x 10⁶/l) CD4+ T-cell count in individuals infected with HIV. *AIDS.* 1997 Jul 15;11(9):1123-7. PubMed PMID: 9233459.
120. Mocroft A, Johnson MA, Sabin CA, Bofill M, Janossy G, Phillips AN. The relationship between beta-2-microglobulin, CD4 lymphocyte count, AIDS and death in HIV-positive individuals. *Epidemiol Infect.* 1997 Jun;118(3):259-66. PubMed PMID: 9207737; PubMed Central PMCID: PMC2808805.
121. Madge S, Olaitan A, Mocroft A, Phillips A, Johnson M. Access to medical care one year prior to diagnosis in 100 HIV-positive women. *Fam Pract.* 1997 Jun;14(3):255-7. PubMed PMID: 9201502.
122. Bowen EF, Sabin CA, Wilson P, Griffiths PD, Davey CC, Johnson MA, Emery VC. Cytomegalovirus (CMV) viraemia detected by polymerase chain reaction identifies a group of HIV-positive patients at high risk of CMV disease. *AIDS.* 1997 Jun;11(7):889-93. PubMed PMID: 9189214.
123. Mocroft A, Bofill M, Lipman M, Medina E, Borthwick N, Timms A, Batista L, Winter M, Sabin CA, Johnson M, Lee CA, Phillips A, Janossy G. CD8+,CD38+ lymphocyte percent: a useful immunological marker for monitoring HIV-1-infected patients. *J Acquir Immune Defic Syndr Hum Retrovirol.* 1997 Feb 1;14(2):158-62. PubMed PMID: 9052725.
124. Olaitan A, Mocroft A, McCarthy K, Phillips A, Reid W, Johnson M. Cervical abnormality and sexually transmitted disease screening in human immunodeficiency virus-positive women. *Obstet Gynecol.* 1997 Jan;89(1):71-5. PubMed PMID: 8990441.
125. Madge S, Elford J, Lipman MC, Mintz J, Johnson MA. Screening for sexually transmitted diseases in an HIV testing clinic: uptake and prevalence. *Genitourin Med.* 1996 Oct;72(5):347-51. PubMed PMID: 8976852; PubMed Central PMCID: PMC1195703.
126. Mocroft A, Johnson MA, Phillips AN. Factors affecting survival in patients with the acquired immunodeficiency syndrome. *AIDS.* 1996 Sep;10(10):1057-65. PubMed PMID: 8874621.
127. Mocroft AJ, Johnson MA, Sabin CA, Lipman M, Elford J, Emery V, Morcinek J, Youle M, Janossy G, Lee CA, et al. Staging system for clinical AIDS patients. Royal

Publications relating to Royal Free HIV Cohort Study

- Free/Chelsea and Westminster Hospitals Collaborative Group. Lancet. 1995 Jul 1;346(8966):12-7. PubMed PMID: 7603137.
128. Bor R, Lipman M, Elford J, Murray D, Miller R, Griffiths P, Janossy G, Johnson M. HIV seroprevalence in a London same-day testing clinic. AIDS. 1994 May;8(5):697-700. PubMed PMID: 8060551.
129. Bagdades EK, Pillay D, Squire SB, O'Neil C, Johnson MA, Griffiths PD. Relationship between herpes simplex virus ulceration and CD4+ cell counts in patients with HIV infection. AIDS. 1992 Nov;6(11):1317-20. PubMed PMID: 1361745.
130. Bofill M, Janossy G, Lee CA, MacDonald-Burns D, Phillips AN, Sabin C, Timms A, Johnson MA, Kernoff PB. Laboratory control values for CD4 and CD8 T lymphocytes. Implications for HIV-1 diagnosis. Clin Exp Immunol. 1992 May;88(2):243-52. PubMed PMID: 1349272; PubMed Central PMCID: PMC1554313.
131. Squire SB, Elford J, Bor R, Tilsed G, Salt H, Bagdades EK, Janossy G, Griffiths PD, Johnson MA. Open access clinic providing HIV-I antibody results on day of testing: the first twelve months. BMJ. 1991 Jun 8;302(6789):1383-6. PubMed PMID: 1676319; PubMed Central PMCID: PMC1670043.

Publications from UK CHIC

<http://www.ukchic.org.uk/publications/type/102>

Publications from UK HIV Drug Resistance Database

<http://www.hivrdn.org.uk/publications/type/102>

Publications from CASCADE

http://www.ctu.mrc.ac.uk/cascade/publications_and_presentations.asp

Publications from ART Cohort Collaboration

<http://www.bristol.ac.uk/art-cc/research/publications/>