

a fortnightly publication from NIRT Library

2021 | Vol.5 | No.23

# HIV MONITOR



National Institute for Research in Tuberculosis

1. AIDS-Related Lymphoma Treatment (PDQ(R)): Patient Version. PDQ Cancer Information Summaries. Bethesda (MD)2002. <https://www.ncbi.nlm.nih.gov/pubmed/26389358>.
2. Correction to Lancet HIV 2018; 5: e488-97. *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34863354>.
3. Abe EO, Adisa AO, Adeyemi BF, Awolude OA, Owotade FJ. Relationship between CD4(+) count, serum inflammatory cytokines, and oral melanotic hyperpigmentation in newly diagnosed HIV-seropositive patients: a nested case-control study. *Oral Surg Oral Med Oral Pathol Oral Radiol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34857496>.
4. Abe K, Obara T, Kamio S, Kondo A, Imamura J, Goto T, et al. Renal function in Japanese HIV-1-positive patients who switch to tenofovir alafenamide fumarate after long-term tenofovir disoproxil fumarate: a single-center observational study. *AIDS Res Ther*. 2021;18(1):94. <https://www.ncbi.nlm.nih.gov/pubmed/34876151>.
5. Abelman R, Tien PC. The Reproductive Transition: Effects on Viral Replication, Immune Activation, and Metabolism in Women with HIV infection. *Curr HIV/AIDS Rep*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34878617>.
6. Abidi SH, Aibekova L, Davlidova S, Amangeldiyeva A, Foley B, Ali S. Origin and evolution of HIV-1 subtype A6. *PLoS One*. 2021;16(12):e0260604. <https://www.ncbi.nlm.nih.gov/pubmed/34898626>.
7. Abuogi LL, Castillo-Mancilla J, Hampanda K, Owuor K, Odwar T, Onono M, et al. Tenofovir Diphosphate in Dried Blood Spots in pregnant and postpartum women with HIV in Kenya: a novel approach to measuring peripartum adherence. *J Acquir Immune Defic Syndr*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34889866>.
8. Achdiat PA, Adriyani KM, Pospos AG, Rowawi R, Hindritiani R, Suwarsa O, et al. Two Cases of Giant Molluscum Contagiosum on the Eyelids of HIV Patients Successfully Treated with Adjuvant Self-Applied Topical 20% Potassium Hydroxide Solution. *HIV/AIDS (Auckl)*. 2021;13:993-7. <https://www.ncbi.nlm.nih.gov/pubmed/34849035>.
9. Adeiza MA, Wachekwa I, Nuta C, Donato S, Koomson F, Whitney J, et al. Gaps and Opportunities in HIV Service Delivery in High Volume HIV Care Centers in Liberia: Lessons From the Field. *Ann Glob Health*. 2021;87(1):115. <https://www.ncbi.nlm.nih.gov/pubmed/34900615>.
10. Adeoti AO, Desalu OO, Oluwadiya KS. Sexual practices, risk perception and HIV self-testing acceptability among long-distance truck drivers in Ekiti State, Nigeria. *Niger Postgrad Med J*. 2021;28(4):273-7. <https://www.ncbi.nlm.nih.gov/pubmed/34850755>.
11. Aids, Hepatitis C Professional Group SoIDCMA, Chinese Center for Disease C, Prevention. [Chinese guidelines for diagnosis and treatment of HIV/AIDS (2021 edition)]. *Zhonghua Nei Ke Za Zhi*. 2021;60(12):1106-28. <https://www.ncbi.nlm.nih.gov/pubmed/34856684>.

12. Aksak-Was BJ, Urbanska A, Leszczyszyn-Pynka M, Chober D, Parczewski M. Clinical parameters and selected HLA and chemokine gene variants associated with late presentation into care of people living with HIV/AIDS. *Infect Genet Evol.* 2021;105180. <https://www.ncbi.nlm.nih.gov/pubmed/34896288>.
13. Al Hasani NAS, Al Dughaishi T, Balkhair AA. HIV and Pregnancy: A Retrospective Descriptive Cross-sectional Study of Prevalence, Maternal, Obstetrical, and Neonatal Outcome at a Tertiary Care Hospital in Oman. *Oman Med J.* 2021;36(6):e321. <https://www.ncbi.nlm.nih.gov/pubmed/34868667>.
14. Alagaratnam J, De Francesco D, Zetterberg H, Heslegrave A, Toombs J, Kootstra NA, et al. Correlation between cerebrospinal fluid and plasma neurofilament light protein in treated HIV infection: results from the COBRA study. *J Neurovirol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34874540>.
15. Al-Chalabi M, Amsdell J, Iftikhar S, Hollingshead C, Rashid M, Sheikh A. New onset refractory status epilepticus secondary to HIV CNS viral escape syndrome: Case report. *Seizure.* 2021;94:112-4. <https://www.ncbi.nlm.nih.gov/pubmed/34894438>.
16. Ali HA, Abebe B, Moges A, Deyessa N. Behavioural abnormalities among school-age children living with HIV at Tikur Anbessa Specialized Hospital, Addis Ababa, Ethiopia. *Afr J AIDS Res.* 2021;20(4):307-13. <https://www.ncbi.nlm.nih.gov/pubmed/34905453>.
17. Amele S, Sandri AK, Rodger A, Vandekerckhove L, Benfield T, Milinkovic A, et al. HCV reinfection after HCV therapy among HIV/HCV-coinfected individuals in Europe. *HIV Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34882940>.
18. Amera TG, Bogale KA, Tefera YM. Time to initial highly active antiretroviral therapy discontinuation and its predictors among HIV patients in Felege Hiwot comprehensive specialized hospital: a retrospective cohort study. *AIDS Res Ther.* 2021;18(1):93. <https://www.ncbi.nlm.nih.gov/pubmed/34863200>.
19. Anderson AM, Bhondoeckhan F, Curanovic D, Connelly MA, Otvos JD, Post WS, et al. GlycA is associated with neuropsychological impairment in men with HIV. *AIDS.* 2022;36(1):156-9. <https://www.ncbi.nlm.nih.gov/pubmed/34873097>.
20. Arends RM, Grintjes KJT, van den Heuvel TJ, Foeken-Verwoert EGJ, Schene AH, van der Ven A, et al. Effectiveness of a group intervention to reduce sexual transmission risk behavior among MSM living with HIV: a non-randomized controlled pilot study. *AIDS Care.* 2021:1-12. <https://www.ncbi.nlm.nih.gov/pubmed/34851810>.
21. Areri HA, Marshall A, Harvey G. Self-efficacy for self-management and its influencing factors among adults living with HIV on antiretroviral therapy in northwest Ethiopia. *AIDS Care.* 2021:1-7. <https://www.ncbi.nlm.nih.gov/pubmed/34851784>.
22. Armenia D, Santoro MM, Bellocchi MC, Carioti L, Galli L, Galli A, et al. Viral resistance burden and APOBEC editing correlate with virological response in heavily treatment-experienced people living with multi-drug resistant HIV. *Int J Antimicrob Agents.* 2021:106492. <https://www.ncbi.nlm.nih.gov/pubmed/34871747>.

23. Armstrong E, Kaul R. Beyond bacterial vaginosis: vaginal lactobacilli and HIV risk. *Microbiome*. 2021;9(1):239. <https://www.ncbi.nlm.nih.gov/pubmed/34893070>.
24. Arthur K, Christofides N, Nelson G. Effectiveness of a pre-adolescent inter-generational intervention to address HIV and obesity in South Africa, using a pretest-posttest design. *BMC Public Health*. 2021;21(1):2251. <https://www.ncbi.nlm.nih.gov/pubmed/34895196>.
25. Athanasakis K, Naoum V, Naoum P, Nomikos N, Theodoratou D, Kyriopoulos J. A 10-year economic analysis of HIV management in Greece: evidence of efficient resource allocation. *Curr Med Res Opin*. 2021:1-18. <https://www.ncbi.nlm.nih.gov/pubmed/34873979>.
26. Attia EF, Moraa H, Maleche-Obimbo E, Wamalwa D, Gomez LA, Rylance S, et al. Most Early-Treated Children With Perinatally Acquired HIV Have Preserved Lung Function at School Age. *J Acquir Immune Defic Syndr*. 2022;89(1):69-76. <https://www.ncbi.nlm.nih.gov/pubmed/34878436>.
27. Audi C, Jahanpour O, Antelman G, Guay L, Rutaiwa M, van de Ven R, et al. Facilitators and barriers to antiretroviral therapy adherence among HIV-positive adolescents living in Tanzania. *BMC Public Health*. 2021;21(1):2274. <https://www.ncbi.nlm.nih.gov/pubmed/34903209>.
28. Auguste PE, Mistry H, McCarthy ND, Sutcliffe PA, Clarke AE. Cost-effectiveness of testing for latent tuberculosis infection in people with HIV. *AIDS*. 2022;36(1):1-9. <https://www.ncbi.nlm.nih.gov/pubmed/34873091>.
29. Ayala G, Sprague L, van der Merwe LL, Thomas RM, Chang J, Arreola S, et al. Peer- and community-led responses to HIV: A scoping review. *PLoS One*. 2021;16(12):e0260555. <https://www.ncbi.nlm.nih.gov/pubmed/34852001>.
30. Ayuttacorn A, Tangmunkongvorakul A, Jirattikorn A, Kelly M, Banwell C, Srithanaviboonchai K. Intimate Relationships and HIV Infection Risks Among Shan Female Sex Workers From Myanmar in Chiang Mai, Thailand: A Qualitative Study. *AIDS Educ Prev*. 2021;33(6):551-66. <https://www.ncbi.nlm.nih.gov/pubmed/34874755>.
31. Azatyan V, Yessayan L, Khachatryan A, Perikhanyan A, Hovhannisyan A, Shmavonyan M, et al. Assessment of pathomorphological characteristics of the oral mucosa in patients with HBV, HCV and HIV. *J Infect Dev Ctries*. 2021;15(11):1761-5. <https://www.ncbi.nlm.nih.gov/pubmed/34898508>.
32. Bacque J, Delgado E, Benito S, Moreno-Lorenzo M, Montero V, Gil H, et al. Identification of CRF66\_BF, a New HIV-1 Circulating Recombinant Form of South American Origin. *Front Microbiol*. 2021;12:774386. <https://www.ncbi.nlm.nih.gov/pubmed/34867914>.
33. Bahar Z, Cal A, Beser A, Cavusoglu F, Deveci A, Badur S, et al. A study on the adaptation of the HIV/AIDS-related Stigma Scale into Turkish. *Perspect Psychiatr Care*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34878644>.
34. Bailin SS, Kundu S, Wellons M, Freiberg MS, Doyle MF, Tracy RP, et al. Circulating CD4+ TEMRA and CD4+ CD28- T cells and incident diabetes among persons with and without HIV. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34860194>.

35. Baluku JB. INTEREST 2021 conference: is Africa still hoping against hope in the fight against HIV? *Ther Adv Infect Dis*. 2021;8:20499361211061293. <https://www.ncbi.nlm.nih.gov/pubmed/34881022>.
36. Barber M, Sarpatwari A, Cepuch C. COVID-19 antivirals must not affect HIV drug supply. *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34890560>.
37. Bares SH, Scarsi KK. A new paradigm for antiretroviral delivery: long-acting cabotegravir and rilpivirine for the treatment and prevention of HIV. *Curr Opin HIV AIDS*. 2022;17(1):22-31. <https://www.ncbi.nlm.nih.gov/pubmed/34871188>.
38. Basten MGJ, van Wees DA, Matser A, Boyd A, Rozhnova G, den Daas C, et al. Time for change: Transitions between HIV risk levels and determinants of behavior change in men who have sex with men. *PLoS One*. 2021;16(12):e0259913. <https://www.ncbi.nlm.nih.gov/pubmed/34882698>.
39. Becquet V, Nouaman M, Plazy M, Agoua A, Zebago C, Dao H, et al. A community-based healthcare package combining testing and prevention tools, including pre-exposure prophylaxis (PrEP), immediate HIV treatment, management of hepatitis B virus, and sexual and reproductive health (SRH), targeting female sex workers (FSWs) in Cote d'Ivoire: the ANRS 12381 PRINCESSE project. *BMC Public Health*. 2021;21(1):2214. <https://www.ncbi.nlm.nih.gov/pubmed/34863122>.
40. Beer L, Tie Y, Dasgupta S, McManus T, Chowdhury PP, Weiser J, et al. The COVID-19 pandemic and unemployment, subsistence needs and mental health among adults with HIV in the United States. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873083>.
41. Behrens GMN, Aebi-Popp K, Babiker A. Close to zero, but not zero: What is an acceptable HIV transmission risk through breastfeeding? *J Acquir Immune Defic Syndr*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34897228>.
42. Bengtson AM, le Roux SM, Phillips TK, Brittain K, Zerbe A, Madlala HP, et al. Relationship between pre-pregnancy maternal body mass index and infant weight trajectories in HIV-exposed and HIV-unexposed infants. *Paediatr Perinat Epidemiol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34859468>.
43. Bessong PO, Mavhandu-Ramarumo LG. Moving towards the global HIV 95% viral suppression target. *Lancet HIV*. 2021;8(12):e731-e2. <https://www.ncbi.nlm.nih.gov/pubmed/34856177>.
44. Bhangé D, Prasad N, Singh S, Prajapati HK, Maurya SP, Gopalan BP, et al. The Evolution of Regulatory Elements in the Emerging Promoter-Variant Strains of HIV-1 Subtype C. *Front Microbiol*. 2021;12:779472. <https://www.ncbi.nlm.nih.gov/pubmed/34899661>.
45. Bhatia S, Jakeman B, Cotton C, Ryan K, Bader H, Thomas E, et al. Delayed HIV diagnosis in a cystic fibrosis patient: Not just another exacerbation. *Respir Med Case Rep*. 2021;34:101545. <https://www.ncbi.nlm.nih.gov/pubmed/34849336>.

46. Bhatta M, Banerjee S, Nandi S, Dutta S, Saha MK. Performance of commercially available HIV in vitro diagnostic assays: A systematic review and meta-analysis. *J Clin Virol.* 2021;146:105047. <https://www.ncbi.nlm.nih.gov/pubmed/34861599>.
47. Bhattarai N, Bam K, Acharya K, Thapa R, Shrestha B. Factors associated with HIV testing and counselling services among women and men in Nepal: a cross-sectional study using data from a nationally representative survey. *BMJ Open.* 2021;11(12):e049415. <https://www.ncbi.nlm.nih.gov/pubmed/34862281>.
48. Bien-Gund CH, Bilker W, Schnoll RA, Tyndale RF, Ho JI, Bremner R, et al. Nicotine metabolism ratio increases in HIV-positive smokers on effective antiretroviral therapy: a cohort study. *J Acquir Immune Defic Syndr.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34879005>.
49. Bienvenu E, Mukanyangezi MF, Rulisa S, Martner A, Hasseus B, Vorontsov E, et al. Changes in the Proteome in the Development of Chronic Human Papillomavirus Infection-A Prospective Study in HIV Positive and HIV Negative Rwandan Women. *Cancers (Basel).* 2021;13(23). <https://www.ncbi.nlm.nih.gov/pubmed/34885095>.
50. Biney IJK, Kyei KA, Ganu VJ, Kenu E, Pupilampu P, Manortey S, et al. Antiretroviral therapy adherence and viral suppression among HIV-infected adolescents and young adults at a tertiary hospital in Ghana. *Afr J AIDS Res.* 2021;20(4):270-6. <https://www.ncbi.nlm.nih.gov/pubmed/34905452>.
51. Biswas S, Ghosh P, Debnath F, Chakraborty D, Saha MK, Dutta S. Prevalence of syphilis infection and associated sociodemographic factors among antenatal-care attendees in Meghalaya, India: Revisiting HIV Sentinel Surveillance data. *Int J STD AIDS.* 2021;9564624211054940. <https://www.ncbi.nlm.nih.gov/pubmed/34852699>.
52. Blumenthal J, Landovitz R, Jain S, He F, Kofron R, Ellorin E, et al. Pre-Exposure Prophylaxis Perspectives, Sociodemographic Characteristics, and HIV Risk Profiles of Cisgender Women Seeking and Initiating PrEP in a US Demonstration Project. *AIDS Patient Care STDS.* 2021;35(12):481-7. <https://www.ncbi.nlm.nih.gov/pubmed/34851726>.
53. Bogart LM, Kgotlaetsile K, Phaladze N, Mosepele M. HIV self-testing may overcome stigma and other barriers to HIV testing among higher-socioeconomic status men in Botswana: A qualitative study. *Afr J AIDS Res.* 2021;20(4):297-306. <https://www.ncbi.nlm.nih.gov/pubmed/34905451>.
54. Bonner CP, Fisher CB, Carney T, Browne FA, Gichane MW, Howard BN, et al. "Because all mothers is not the same": The development and implementation of an in loco parentis informed consent procedure to enroll adolescent girls and young women to participate in HIV research. *J Adolesc.* 2021;93:234-44. <https://www.ncbi.nlm.nih.gov/pubmed/34896961>.
55. Bor J, Onoya D, Richman B, Mayer KH. A Failure to Disseminate Transformative Science - HIV Treatment as Prevention, 10 Years On. *N Engl J Med.* 2021;385(25):2305-7. <https://www.ncbi.nlm.nih.gov/pubmed/34890175>.

56. Bose E, Paintsil E, Ghebremichael M. Minimum redundancy maximal relevance gene selection of apoptosis pathway genes in peripheral blood mononuclear cells of HIV-infected patients with antiretroviral therapy-associated mitochondrial toxicity. *BMC Med Genomics*. 2021;14(1):285. <https://www.ncbi.nlm.nih.gov/pubmed/34852799>.
57. Boswell MT, Yindom LM, Hameiri-Bowen D, McHugh G, Dauya E, Bandason T, et al. TRIM22 genotype is not associated with markers of disease progression in children with HIV-1 infection. *AIDS*. 2021;35(15):2445-50. <https://www.ncbi.nlm.nih.gov/pubmed/34870928>.
58. Bourgeois BL, Lin HY, Yeh AY, Levitt DE, Primeaux SD, Ferguson TF, et al. Unique Circulating MicroRNA Associations with Dysglycemia in People Living with HIV and Alcohol Use. *Physiol Genomics*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34859690>.
59. Brand G, Hecht I, Burgansky-Eliash Z, Naftali Ben Haim L, Leadbetter D, Spierer O, et al. Comparison of the Usability of Eye Drop Aids and the Conventional Bottle. *J Clin Med*. 2021;10(23). <https://www.ncbi.nlm.nih.gov/pubmed/34884360>.
60. Brogden DRL, Kontovounisios C, Mandalia S, Tekkis P, Mills SC. Demographics and incidence of anal squamous cell carcinoma in people living in high HIV prevalence geographical areas. *Sex Transm Infect*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34887349>.
61. Brown MJ, Nkwonta CA, Kaur A, James T, Conserve DF, Small BJ, et al. "Psychologically and emotionally, it affects me 'til this day": exploration of childhood sexual abuse perspectives among older adults living with HIV in South Carolina. *Aging Ment Health*. 2021:1-6. <https://www.ncbi.nlm.nih.gov/pubmed/34861806>.
62. Bruns C. Using Human-Centered Design to Develop a Program to Engage South African Men Living With HIV in Care and Treatment. *Glob Health Sci Pract*. 2021;9(Suppl 2):S234-S43. <https://www.ncbi.nlm.nih.gov/pubmed/34845047>.
63. Budzban N, Silverio K, Matta J. Estimating the Number of HIV+ Latino MSM Using RDS, SS-PSE, and the Census. *Annu Int Conf IEEE Eng Med Biol Soc*. 2021;2021:1774-80. <https://www.ncbi.nlm.nih.gov/pubmed/34891631>.
64. Bukkems VE, Necsoi C, Tenorio CH, Garcia C, Alejandro IA, Weiss F, et al. Tenofovir alafenamide plasma concentrations are reduced in pregnant women living with HIV: data from the PANNA Network. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34864950>.
65. Caballero RE, Dong SXM, Gajanayaka N, Ali H, Cassol E, Cameron WD, et al. Author Correction: Role of RIPK1 in SMAC mimetics-induced apoptosis in primary human HIV-infected macrophages. *Sci Rep*. 2021;11(1):24008. <https://www.ncbi.nlm.nih.gov/pubmed/34880376>.
66. Cabral RF, Correa DG, Zimmermann N, Tukamoto G, Kubo TTA, Fonseca RP, et al. Preliminary comparative study of cortical thickness in HIV-infected patients with and without working memory deficit. *PLoS One*. 2021;16(12):e0261208. <https://www.ncbi.nlm.nih.gov/pubmed/34890434>.

67. Caffrey N, Goldman M, Osmond L, Yi QL, Fan W, O'Brien SF. HIV incidence and compliance with deferral criteria over three progressively shorter time deferrals for men who have sex with men in Canada. *Transfusion*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34854092>.
68. Calza L, Borderi M, Colangeli V, Miani T, Nuti B, Bon I, et al. Weight gain in treatment-naïve HIV-1 infected patients starting abacavir/lamivudine/dolutegravir or tenofovir alafenamide/emtricitabine/bictegravir. *AIDS*. 2022;36(1):153-5. <https://www.ncbi.nlm.nih.gov/pubmed/34873095>.
69. Champion SL, Brenna E, Thomson E, Fischer W, Ladell K, McLaren JE, et al. Preexisting memory CD4+ T cells contribute to the primary response in an HIV-1 vaccine trial. *J Clin Invest*. 2021;131(23). <https://www.ncbi.nlm.nih.gov/pubmed/34850742>.
70. Capitine IPU, Macicame IB, Uanela AM, Bhatt NB, Yates A, Milazzo M, et al. Young at risk-people in Maputo City, Mozambique, present a high willingness to participate in HIV trials: Results from an HIV vaccine preparedness cohort study. *PLoS One*. 2021;16(12):e0260126. <https://www.ncbi.nlm.nih.gov/pubmed/34855790>.
71. Caro-Vegas C, Ramirez C, Landis J, Adimora AA, Strickler H, French AL, et al. Molecular profiling of breast and lung cancer in women with HIV reveals high tumor mutational burden. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873086>.
72. Cattaneo D, Fusi M, Micheli V, Resnati C, Meraviglia P, Cossu MV, et al. Tenofovir plasma trough concentrations in people with HIV treated with doravirine versus other antiretroviral regimens. *AIDS*. 2021;35(15):2551-3. <https://www.ncbi.nlm.nih.gov/pubmed/34870935>.
73. Chadwick DR, Page E, Wilkinson D, Savulescu J. Implied consent for HIV testing in the UK: time for a new approach? *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34890561>.
74. Chan C, Fraser D, Vaccher S, Yeung B, Jin F, Amin J, et al. Overcoming barriers to HIV pre-exposure prophylaxis (PrEP) coverage in Australia among Medicare-ineligible people at risk of HIV: results from the MI-EPIC clinical trial. *Sex Health*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34895427>.
75. Chandiwana NC, Serenata CM, Owen A, Rannard S, Perez Casas C, Scott C, et al. Impact of long-acting therapies on the global HIV epidemic. *AIDS*. 2021;35(Suppl 2):S137-S43. <https://www.ncbi.nlm.nih.gov/pubmed/34848580>.
76. Chen H, Long R, Hu T, Chen Y, Wang R, Liu Y, et al. A model to predict adherence to antiretroviral therapy among people living with HIV. *Sex Transm Infect*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873028>.
77. Chen JS, Levintow SN, Tran HV, Sripaipan T, Nguyen MX, Nguyen SM, et al. HIV and STI prevalence and testing history among men who have sex with men in Hanoi, Vietnam. *Int J STD AIDS*. 2021;9564624211060185. <https://www.ncbi.nlm.nih.gov/pubmed/34852691>.

78. Chen Y, Lin H, Cole M, Morris A, Martinson J, McKay H, et al. Signature changes in gut microbiome are associated with increased susceptibility to HIV-1 infection in MSM. *Microbiome*. 2021;9(1):237. <https://www.ncbi.nlm.nih.gov/pubmed/34879869>.
79. Chiheb S, Slimani Y, Karam R, Marnissi F, Hali F. First Subungual Cryptococcosis Described in an HIV Patient with Disseminated Cryptococcosis. *Skin Appendage Disord*. 2021;7(6):480-2. <https://www.ncbi.nlm.nih.gov/pubmed/34901180>.
80. Chikopela T, Goma F, Kaluba L, Mutale W, Guure C, Heimbürger DC, et al. Arterial stiffness is associated with oxidative stress and endothelial activation among persons with treated HIV in Zambia. *South Afr J HIV Med*. 2021;22(1):1298. <https://www.ncbi.nlm.nih.gov/pubmed/34858654>.
81. Chiu CY, Chang JJ, Dantanarayana AI, Solomon A, Evans VA, Pascoe R, et al. Combination Immune Checkpoint Blockade Enhances IL-2 and CD107a Production from HIV-Specific T Cells Ex Vivo in People Living with HIV on Antiretroviral Therapy. *J Immunol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34853078>.
82. Chkhartishvili N. A public health approach to drug use crucial to ending AIDS. *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34895485>.
83. Chory A, Nyandiko W, Ashimosi C, Aluoch J, Martin R, Biegon W, et al. Social Stigma Related to COVID-19 Disease Described by Primary and Secondary School Teachers and Adolescents Living With HIV in Western Kenya. *Front Public Health*. 2021;9:757267. <https://www.ncbi.nlm.nih.gov/pubmed/34869172>.
84. Chow W, Hardy H, Song J, Connolly N, Wu B. The burden of neuropsychiatric disorders in patients living with HIV-1 treated with antiretroviral therapies-A perspective from US Medicaid data. *Int J STD AIDS*. 2021:9564624211052884. <https://www.ncbi.nlm.nih.gov/pubmed/34903117>.
85. Coker MO, Akhigbe P, Osagie E, Idemudia NL, Igedegbe O, Chukwumah N, et al. Dental caries and its association with the oral microbiomes and HIV in young children-Nigeria (DOMHaIN): a cohort study. *BMC Oral Health*. 2021;21(1):620. <https://www.ncbi.nlm.nih.gov/pubmed/34863179>.
86. Collins C, Isbell MT, Ratevosian J, Beyrer C, Abdool Karim Q, Maleche A, et al. Build on HIV investments for future pandemic preparedness. *BMJ Glob Health*. 2021;6(12). <https://www.ncbi.nlm.nih.gov/pubmed/34862183>.
87. Connolly SP, McGrath J, Sui J, Muldoon EG. Rare, disseminated Kaposi sarcoma in advanced HIV with high-burden pulmonary and skeletal involvement. *BMJ Case Rep*. 2021;14(12). <https://www.ncbi.nlm.nih.gov/pubmed/34853045>.
88. Consuegra I, Gasco S, Serramia MJ, Jimenez JL, Mellado MJ, Munoz-Fernandez MA. Establishment of a miRNA profile in paediatric HIV-1 patients and its potential as a biomarker for effectiveness of the combined antiretroviral therapy. *Sci Rep*. 2021;11(1):23477. <https://www.ncbi.nlm.nih.gov/pubmed/34873266>.

89. Corcorran MA, Scott JD, Tinsley J, Wald A, Glick SN. Awareness and Correlates of HIV Pre-Exposure Prophylaxis (PrEP) Among HIV-negative People Who Access Syringe Services in Seattle, Washington. *Subst Use Misuse*. 2021;1-7. <https://www.ncbi.nlm.nih.gov/pubmed/34895022>.
90. Crespo-Bermejo C, de Arellano ER, Lara-Aguilar V, Valle-Millares D, Gomez-Lus ML, Madrid R, et al. Persistent low-Level viremia in persons living with HIV undertreatment: An unresolved status. *Virulence*. 2021;12(1):2919-31. <https://www.ncbi.nlm.nih.gov/pubmed/34874239>.
91. Crowley K, Dugas M, Gao GG, Burn L, Igumbor K, Njapha D, et al. Market segmentation of South African adolescent girls and young women to inform HIV prevention product marketing strategy: A mixed methods study. *Health Mark Q*. 2021;1-14. <https://www.ncbi.nlm.nih.gov/pubmed/34895110>.
92. Cummins NW, Baker J, Chakraborty R, Dean PG, Garcia-Rivera E, Krogman A, et al. Single center, open label dose escalating trial evaluating once weekly oral ixazomib in ART-suppressed, HIV positive adults and effects on HIV reservoir size in vivo. *EClinicalMedicine*. 2021;42:101225. <https://www.ncbi.nlm.nih.gov/pubmed/34901797>.
93. Damas J, Storm M, Pandey LR, Marrone G, Deuba K. Prevalence of HIV, Hepatitis C and its related risk behaviours among women who inject drugs in the Kathmandu Valley, Nepal: a cross-sectional study. *Ther Adv Infect Dis*. 2021;8:20499361211062107. <https://www.ncbi.nlm.nih.gov/pubmed/34881024>.
94. Davey CH, Trinh V, Schexnayder J, Longenecker CT, Webel A. Comparison of diet, muscle strength, steps per day and symptoms in people with HIV and HIV-negative peers. *Res Nurs Health*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34888899>.
95. Davis DA, Muessig KE, Matthews DD, Angeles G, McNaughton-Reyes L, Guzman K, et al. 'She showed me a new path, a way forward': exploring how navigation influences mental health among Guatemalan gay and bisexual men living with HIV. *Health Promot Int*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34849870>.
96. Dawson Q. Is violence the only option to obtain health for HIV prisoners? *Lancet Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34861192>.
97. De Sa Pinheiro A, Souza Lima S, Oliveira Naiff Ferreira GR, Rodrigues Feijao A, Rosendo da Silva RA, Gir E, et al. HIV epidemic in a province of the Brazilian Amazon region: Temporal trend analysis. *J Public Health Res*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34850619>.
98. Deeks SG, Archin N, Cannon P, Collins S, Jones RB, de Jong M, et al. Research priorities for an HIV cure: International AIDS Society Global Scientific Strategy 2021. *Nat Med*. 2021;27(12):2085-98. <https://www.ncbi.nlm.nih.gov/pubmed/34848888>.
99. Del Risco Zevallos J, Torres Quilis C, Issus Olive G, Garcia F. Pleural effusion as a manifestation of a Cryptococcal infection in an HIV patient. *Enferm Infecc Microbiol Clin (Engl Ed)*. 2021;39(10):524-6. <https://www.ncbi.nlm.nih.gov/pubmed/34865713>.

100. Delabays B, Cavassini M, Damas J, Beuret H, Calmy A, Hasse B, et al. Cardiovascular risk assessment in people living with HIV compared to the general population. *Eur J Prev Cardiol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34893801>.
101. Demeke Bayou F, Nigussie Amare S. Time to Immunologic Recovery and Its Determinant Factors Among Adult HIV Patients Who Initiated Antiretroviral Treatment at Hiwot Fana Specialized University Hospital, Harar, Ethiopia. *HIV AIDS (Auckl)*. 2021;13:1009-14. <https://www.ncbi.nlm.nih.gov/pubmed/34880680>.
102. Di Cio F, Minosse S, Picchi E, Di Giuliano F, Sarmati L, Teti E, et al. Whole-brain white matter network reorganization in HIV. *Annu Int Conf IEEE Eng Med Biol Soc*. 2021;2021:3830-3. <https://www.ncbi.nlm.nih.gov/pubmed/34892069>.
103. Diaz MM, Cabrera DM, Gil-Zacarias M, Ramirez V, Saavedra M, Carcamo C, et al. Knowledge and Impact of COVID-19 on Middle-Aged and Older People Living with HIV in Lima, Peru. *J Int Assoc Provid AIDS Care*. 2021;20:23259582211056760. <https://www.ncbi.nlm.nih.gov/pubmed/34870508>.
104. Diaz-Alvarez J, Roiz P, Gorospe L, Ayala A, Perez-Pinto S, Martinez-Sanz J, et al. Implementation of a lung cancer screening initiative in HIV-infected subjects. *PLoS One*. 2021;16(12):e0260069. <https://www.ncbi.nlm.nih.gov/pubmed/34890391>.
105. Dijkstra M, Prins H, Prins JM, Reiss P, Boucher C, Verbon A, et al. Cohort profile: the Netherlands Cohort Study on Acute HIV infection (NOVA), a prospective cohort study of people with acute or early HIV infection who immediately initiate HIV treatment. *BMJ Open*. 2021;11(11):e048582. <https://www.ncbi.nlm.nih.gov/pubmed/34845066>.
106. Dobe IS, Mocumbi AO, Majid N, Ayele B, Browne SH, Innes S. Earlier antiretroviral initiation is independently associated with better arterial stiffness in children living with perinatally acquired HIV with sustained viral suppression in Mozambique. *South Afr J HIV Med*. 2021;22(1):1282. <https://www.ncbi.nlm.nih.gov/pubmed/34858652>.
107. Donenberg G, Merrill KG, Atujuna M, Emerson E, Bray B, Bekker LG. Mental health outcomes of a pilot 2-arm randomized controlled trial of a HIV-prevention program for South African adolescent girls and young women and their female caregivers. *BMC Public Health*. 2021;21(1):2189. <https://www.ncbi.nlm.nih.gov/pubmed/34847908>.
108. D'Souza G, Tong W, Gustafson D, Alcaide ML, Lahiri CD, Sharma A, et al. SARS-CoV-2 Infection Among People Living With HIV Compared With People Without HIV: Survey Results From the MACS-WIHS Combined Cohort Study. *J Acquir Immune Defic Syndr*. 2022;89(1):1-8. <https://www.ncbi.nlm.nih.gov/pubmed/34878431>.
109. Duchon A, Santos S, Chen J, Brown M, Nikolaitchik OA, Tai S, et al. Plasma Membrane Anchoring and Gag:Gag Multimerization on Viral RNA Are Critical Properties of HIV-1 Gag Required To Mediate Efficient Genome Packaging. *mBio*. 2021:e0325421. <https://www.ncbi.nlm.nih.gov/pubmed/34872357>.

110. Durrance RJ, Min AK, Fabbri M, McGarry T. Cavitory Legionella Pneumonia in AIDS: When Intracellular Immunity Failure Leads to Rapid Intrapulmonary Cavitation. *Case Rep Pulmonol*. 2021;2021:6754094. <https://www.ncbi.nlm.nih.gov/pubmed/34888109>.
111. Dvory-Sobol H, Shaik N, Callebaut C, Rhee MS. Lenacapavir: a first-in-class HIV-1 capsid inhibitor. *Curr Opin HIV AIDS*. 2022;17(1):15-21. <https://www.ncbi.nlm.nih.gov/pubmed/34871187>.
112. Elizabeth HJ. Love Carefully and Without 'Over-bearing Fears': The Persuasive Power of Authenticity in Late 1980s British AIDS Education Material for Adolescents. *Soc Hist Med*. 2021;34(4):1317-42. <https://www.ncbi.nlm.nih.gov/pubmed/34899071>.
113. El-Khechen HA, Khan MIU, Leenus S, Olaiya O, Durrani Z, Masood Z, et al. Design, analysis, and reporting of pilot studies in HIV: a systematic review and methodological study. *Pilot Feasibility Stud*. 2021;7(1):211. <https://www.ncbi.nlm.nih.gov/pubmed/34847957>.
114. El-Krab R, Kalichman S, Govindasamy D, Banas E, Kalichman M, Mathews C. Subjective well-being and COVID-19 prevention practices among people living with HIV in Cape Town, South Africa. *Glob Public Health*. 2021:1-12. <https://www.ncbi.nlm.nih.gov/pubmed/34882525>.
115. Endalamaw A, Assefa Y, Geremew D, Belete H, Dachew BA, Belachew A, et al. Disclosure of HIV seropositivity to sexual partner in Ethiopia: A systematic review. *Womens Health (Lond)*. 2021;17:17455065211063021. <https://www.ncbi.nlm.nih.gov/pubmed/34844482>.
116. Endalamaw A, Geremew D, Alemu SM, Ambachew S, Tesera H, Habtewold TD. HIV test coverage among pregnant women in Ethiopia: A systematic review and meta-analysis. *Afr J AIDS Res*. 2021;20(4):259-69. <https://www.ncbi.nlm.nih.gov/pubmed/34905450>.
117. Ender PT, Markson RH, Suri A, Ruppert K, Padron N, Stoltzfus JC, et al. Rapid Implementation of a Telemedicine Program in a Ryan White-Funded HIV Clinic During a Global Pandemic. *J Acquir Immune Defic Syndr*. 2022;89(1):e2-e4. <https://www.ncbi.nlm.nih.gov/pubmed/34878440>.
118. Espinosa Dice AL, Bengtson AM, Mwenda KM, Colvin CJ, Lurie MN. Quantifying clinic transfers among people living with HIV in the Western Cape, South Africa: a retrospective spatial analysis. *BMJ Open*. 2021;11(12):e055712. <https://www.ncbi.nlm.nih.gov/pubmed/34857581>.
119. Fang EE, Nyasa RB, Ndi EM, Zofou D, Kwenti TE, Lepezeu EP, et al. Investigating the risk factors for seroprevalence and the correlation between CD4+ T-cell count and humoral antibody responses to *Toxoplasma gondii* infection amongst HIV patients in the Bamenda Health District, Cameroon. *PLoS One*. 2021;16(12):e0256947. <https://www.ncbi.nlm.nih.gov/pubmed/34855762>.
120. Fauci A. Victories against AIDS have lessons for COVID-19. *Nature*. 2021;600(7887):9. <https://www.ncbi.nlm.nih.gov/pubmed/34845339>.
121. Feinstein MJ. HIV and Cardiovascular Disease: From Insights to Interventions. *Top Antivir Med*. 2021;29(4):407-11. <https://www.ncbi.nlm.nih.gov/pubmed/34856094>.

122. Feng Y, Zhang Y, He Z, Huang H, Tian X, Wang G, et al. Immunogenicity of an inactivated SARS-CoV-2 vaccine in people living with HIV-1: a non-randomized cohort study. *EClinicalMedicine*. 2022;43:101226. <https://www.ncbi.nlm.nih.gov/pubmed/34901799>.
123. Fenomanana J, Randriatsarafara FM, Ranampy FF, Randriamanantany ZA. A behavioural and HIV serological survey among detainees of Ankazondrano jail in Fianarantsoa, Madagascar. *Afr J AIDS Res*. 2021;20(4):324-8. <https://www.ncbi.nlm.nih.gov/pubmed/34905458>.
124. Flexner CW, Kashuba A. Editorial: New drugs for HIV: quo vadis? *Curr Opin HIV AIDS*. 2022;17(1):1-3. <https://www.ncbi.nlm.nih.gov/pubmed/34871186>.
125. Fokam J, Ngoufack Jagni Semengue E, Armenia D, Takou D, Dambaya B, Teto G, et al. High performance of integrase genotyping on diverse HIV-1 clades circulating in Cameroon: toward a successful transition to dolutegravir-based regimens in low and middle-income countries. *Diagn Microbiol Infect Dis*. 2021;102(2):115574. <https://www.ncbi.nlm.nih.gov/pubmed/34864527>.
126. Gaff J, Estiasari R, Diafiri D, Halstrom S, Kamerman P, Price P. Brief Report: Polymorphisms in CAMKK2 may Influence Domain-Specific Neurocognitive Function in HIV+ Indonesians Receiving ART. *J Acquir Immune Defic Syndr*. 2022;89(1):115-9. <https://www.ncbi.nlm.nih.gov/pubmed/34878439>.
127. Gagnon M, Payne A, Guta A, Bungay V. "Food engages people, as we know": health care and service providers' experiences of using food as an incentive in HIV care and support in British Columbia, Canada. *AIDS Care*. 2021:1-5. <https://www.ncbi.nlm.nih.gov/pubmed/34903119>.
128. Galvez C, Grau-Exposito J, Urrea V, Clotet B, Falco V, Buzon MJ, et al. Atlas of the HIV-1 Reservoir in Peripheral CD4 T Cells of Individuals on Successful Antiretroviral Therapy. *mBio*. 2021:e0307821. <https://www.ncbi.nlm.nih.gov/pubmed/34844430>.
129. Gener AR. Anticipating HIV drug resistance with appropriate sequencing methods. *AIDS*. 2022;36(1):147-8. <https://www.ncbi.nlm.nih.gov/pubmed/34873093>.
130. Girometti N, McCormack S, Tittle V, McOwan A, Whitlock G, Dean Street Collaborative G. Rising rates of recent PrEP exposure among MSM newly diagnosed with HIV: antiviral resistance patterns and treatment outcomes. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873084>.
131. Glicklich D, Nog R. HIV in kidney transplantation. *Curr Opin Organ Transplant*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34890378>.
132. Gonzales P, Bachireddy C, Grieco A, Ding R, Galvez de Leon SJ, Ulrich A, et al. Viral Suppression Levels in Newly Diagnosed Men Who Have Sex with Men and Transgender Women with Newly Diagnosed HIV and Alcohol Use Disorder in Peru: Results from a Randomized, Double-Blind, Placebo-Controlled Trial Using Oral Naltrexone. *J Acquir Immune Defic Syndr*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34897226>.

133. Goodman A, Patten L, Castillo-Mancilla JR, Zimmer S, Madinger N, Frasca K. Factors associated with retention and adherence in a comprehensive, diverse HIV Pre-Exposure Prophylaxis (PrEP) clinic. *AIDS Res Hum Retroviruses*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34861765>.
134. Grant PM, Kozal MJ. Fostemsavir: a first-in-class HIV-1 attachment inhibitor. *Curr Opin HIV AIDS*. 2022;17(1):32-5. <https://www.ncbi.nlm.nih.gov/pubmed/34871189>.
135. Groves AK, Bhushan NL, Stoner MCD, Gomez-Olive FX, Kahn K, Pettifor AE. HIV and HSV-2 incidence among Adolescent Mothers in South Africa: A Longitudinal Analysis of HIV Prevention Trials Network 068 Data. *J Acquir Immune Defic Syndr*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34855627>.
136. Guayboon T, Chinthamittr Y, Sukpanichnant S, Horthongkham N, Angkasekwinai N. Human herpesvirus 8-associated multicentric Castleman disease in a patient with advanced HIV infection: A case report. *Medicine (Baltimore)*. 2021;100(49):e28077. <https://www.ncbi.nlm.nih.gov/pubmed/34889256>.
137. Guigayoma J, Bermudez AN, Palatino M, Nazareno J, Cu-Uvin S, Operario D, et al. Responsive Medical Providers and Recent HIV Medical Services Engagement Among Transgender Women and Cisgender Men Who Have Sex With Men in the Philippines. *AIDS Educ Prev*. 2021;33(6):495-510. <https://www.ncbi.nlm.nih.gov/pubmed/34874756>.
138. Guo C, Wu Y, Zhang Y, Liu X, Li A, Gao M, et al. Transmitted Drug Resistance in Antiretroviral Therapy-Naive Persons With Acute/Early/Primary HIV Infection: A Systematic Review and Meta-Analysis. *Front Pharmacol*. 2021;12:718763. <https://www.ncbi.nlm.nih.gov/pubmed/34899288>.
139. Gutin SA, Harper GW, Moshashane N, Ramontshonyana K, Stephenson R, Shade SB, et al. Relationship, partner factors and stigma are associated with safer conception information, motivation, and behavioral skills among women living with HIV in Botswana. *BMC Public Health*. 2021;21(1):2231. <https://www.ncbi.nlm.nih.gov/pubmed/34879845>.
140. Hachiya A, Kubota M, Shigemi U, Ode H, Yokomaku Y, Kirby KA, et al. Specific mutations in the HIV-1 G-tract of the 3'-polypurine tract cause resistance to integrase strand transfer inhibitors. *J Antimicrob Chemother*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34894227>.
141. Han Y, Luo H, Lu Q, Liu Z, Liu J, Zhang J, et al. Quantum Mechanical-Based Stability Evaluation of Crystal Structures for HIV-Targeted Drug Cabotegravir. *Molecules*. 2021;26(23). <https://www.ncbi.nlm.nih.gov/pubmed/34885762>.
142. Hanass-Hancock J, Carpenter B, Reddy T, Nzuza A, Gaffoor Z, Goga A, et al. Participants' characteristics and motivations to screen for HIV vaccine and monoclonal antibody trials in KwaZulu-Natal, South Africa. *Trials*. 2021;22(1):897. <https://www.ncbi.nlm.nih.gov/pubmed/34895272>.
143. Hany L, Turmel MO, Barat C, Ouellet M, Tremblay MJ. Bryostatin-1 decreases HIV-1 infection and viral production in human primary macrophages. *J Virol*. 2021;JV10195321. <https://www.ncbi.nlm.nih.gov/pubmed/34878918>.

144. Harmooshi NN, Abeshtan A, Zakerkish M, Mirmomeni G, Rahim F. The effect of metformin on body mass index and metabolic parameters in non-diabetic HIV-positive patients: a meta-analysis. *J Diabetes Metab Disord*. 2021;20(2):1901-11. <https://www.ncbi.nlm.nih.gov/pubmed/34900832>.
145. Harris LR, Hoffman HJ, Griffith CJ, Lee N, Koay WLA, Rakhmanina NY. Factors Associated with Transition of HIV Care Readiness Among Adolescents and Youth from a Specialty Pediatric HIV Clinic in the United States. *AIDS Patient Care STDS*. 2021;35(12):495-502. <https://www.ncbi.nlm.nih.gov/pubmed/34851725>.
146. Hartmann M, Minnis AM, Krogstad E, Ndwayana S, Sindelo S, Atujuna M, et al. iPrevent: Engaging youth as long-acting HIV prevention product co-researchers in Cape Town, South Africa. *Afr J AIDS Res*. 2021;20(4):277-86. <https://www.ncbi.nlm.nih.gov/pubmed/34905456>.
147. Haukedal CL, Wie OB, Schaubert SK, Lyxell B, Fitzpatrick EM, von Koss Torkildsen J. Social communication and quality of life in children using hearing aids. *Int J Pediatr Otorhinolaryngol*. 2021;152:111000. <https://www.ncbi.nlm.nih.gov/pubmed/34883326>.
148. Haynes BF. Author Correction: SARS-CoV-2 and HIV-1 - A Tale of Two Vaccines. *Nat Rev Immunol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34903878>.
149. He L, Yu B, Yu J, Xiong J, Huang Y, Xie T, et al. The impact of social capital and mental health on medication adherence among older people living with HIV (PLWH). *BMC Public Health*. 2021;21(1):2252. <https://www.ncbi.nlm.nih.gov/pubmed/34895198>.
150. He N. Research Progress in the Epidemiology of HIV/AIDS in China. *China CDC Wkly*. 2021;3(48):1022-30. <https://www.ncbi.nlm.nih.gov/pubmed/34888119>.
151. He Y, Lu H. Clinical guidelines for the diagnosis and treatment of HIV/AIDS in China: Their potential benefits and impact on public health. *Biosci Trends*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34880197>.
152. Hempel S, Ferguson L, Bolshakova M, Yagyu S, Fu N, Motala A, et al. Frameworks, measures, and interventions for HIV-related internalised stigma and stigma in healthcare and laws and policies: systematic review protocol. *BMJ Open*. 2021;11(12):e053608. <https://www.ncbi.nlm.nih.gov/pubmed/34887280>.
153. Hergenrather KC, Emmanuel D, Zeglin RJ, Ruda DJ, Rhodes SD. Men Who Have Sex With Men and HIV Risk Behavior: Exploring the Influence of Masculinity Within the Social Ecological Model. *AIDS Educ Prev*. 2021;33(6):511-33. <https://www.ncbi.nlm.nih.gov/pubmed/34874760>.
154. Hibino M, Hamashima C, Iwata M, Terasawa T. Effectiveness of decision aids on cancer-screening decision-making: an umbrella review protocol. *BMJ Open*. 2021;11(12):e051156. <https://www.ncbi.nlm.nih.gov/pubmed/34880016>.

155. Hikasa S, Shimabukuro S, Hideta K, Higasa S, Sawada A, Tokugawa T, et al. Effect of switching from tenofovir disoproxil fumarate to tenofovir alafenamide on estimated glomerular filtration rate slope in patients with HIV: A retrospective observational study. *J Infect Chemother*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34896027>.
156. Hosseinpoor AR, Bergen N, Kirkby K, Schlottheuber A, Fuertes CV, Feely SM, et al. Monitoring inequalities is a key part of the efforts to end AIDS, tuberculosis, and malaria. *Lancet*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34895474>.
157. Houston E, Mindry D, Alvarado E, Kim JJ, Evans J, Tarn DM. Hidden cues for approach and avoidance motivation: implicit cognitive associations among patients with Nonadherence to HIV treatment. *AIDS Care*. 2021;1-7. <https://www.ncbi.nlm.nih.gov/pubmed/34851780>.
158. Hovhannisyan L, Coelho LE, Velasque L, De Boni RB, Clark J, Cardoso SW, et al. Correction to: Multilevel Analysis of Individual and Neighborhood Characteristics Associated with Viral Suppression Among Adults with HIV in Rio de Janeiro, Brazil. *AIDS Behav*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34851471>.
159. Huang YC, Sun HY, Sheng WH, Hsieh SM, Huang SH, Chen GJ, et al. Evolution of hepatitis B virus (HBV) serologic markers among antiretroviral-naïve, young people living with HIV who had undergone neonatal HBV vaccination and initiated antiretroviral therapy. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34893815>.
160. Hudson DA, Lelala B, Malherbe F, Hudson CN. Medical aids and breast reduction: an oxymoron. *S Afr J Surg*. 2021;59(4):193-4. <https://www.ncbi.nlm.nih.gov/pubmed/34889546>.
161. Illan Ramos M, Soto Sanchez B, Mazariegos Orellana D, Prieto Tato LM, Guillen Martin S, Navarro Gomez ML, et al. Safety and Experience With Combined Antiretroviral Prophylaxis in Newborn at High-risk of Perinatal HIV Infection, in a Cohort of Mother Living With HIV-infant Pairs. *Pediatr Infect Dis J*. 2021;40(12):1096-100. <https://www.ncbi.nlm.nih.gov/pubmed/34870390>.
162. Imani A, Soleymani S, Vahabpour R, Hajimahdi Z, Zarghi A. Design, Synthesis, Docking Study and Biological Evaluation of 4-Hydroxy-2H-benzo[e][1,2]thiazine-3-carboxamide 1,1-dioxide Derivatives as Anti-HIV Agents. *Iran J Pharm Res*. 2021;20(3):1-12. <https://www.ncbi.nlm.nih.gov/pubmed/34903964>.
163. Imani B, Zandi S, Khazaei S, Mirzaei M. The lived experience of HIV-infected patients in the face of a positive diagnosis of the disease: a phenomenological study. *AIDS Res Ther*. 2021;18(1):95. <https://www.ncbi.nlm.nih.gov/pubmed/34876162>.
164. Jacquemin L, Gilles A, Shekhawat GS. Hearing more to hear less: a scoping review of hearing aids for tinnitus relief. *Int J Audiol*. 2021;1-9. <https://www.ncbi.nlm.nih.gov/pubmed/34865589>.
165. Jefferis K, Avalos A, Phillips H, Mmesesi M, Ramaabya D, Nkomo B, et al. Five years after Treat All implementation: Botswana's HIV response and future directions in the era of COVID-19. *South Afr J HIV Med*. 2021;22(1):1275. <https://www.ncbi.nlm.nih.gov/pubmed/34853703>.

166. Jesson J, Ephoevi-Ga A, Ake-Assi MH, Koumakpai S, N'Gbeche S, Dainguy E, et al. Assessment of dietary diversity and nutritional support for children living with HIV in the IeDEA pediatric West African cohort: a non-comparative, feasibility study. *BMC Nutr.* 2021;7(1):83. <https://www.ncbi.nlm.nih.gov/pubmed/34903301>.
167. Jin X, Wang Z, Zhang Z, Wu H, Ruan Y, Zhang C, et al. The transmission of drug-resistant strains of HIV in heterosexual populations based on genetic sequences. *PLoS One.* 2021;16(12):e0259023. <https://www.ncbi.nlm.nih.gov/pubmed/34851959>.
168. Johnson SC. Primary Care Concerns for the Aging Population With HIV. *Top Antivir Med.* 2021;29(4):412-5. <https://www.ncbi.nlm.nih.gov/pubmed/34856095>.
169. Johnson SC, Frattolin J, Edgar LT, Jafarnejad M, Moore JE, Jr. Lymph node swelling combined with temporary effector T cell retention aids T cell response in a model of adaptive immunity. *J R Soc Interface.* 2021;18(185):20210464. <https://www.ncbi.nlm.nih.gov/pubmed/34847790>.
170. Jones JT, Coleman M, Hoover KW, Sarkodie E, Smith DK. Reproductive intentions among HIV-negative gay and bisexual men initiating pre-exposure prophylaxis in the Sustainable Health Center Implementation pre-exposure prophylaxis pilot study, 2014-2016. *Int J STD AIDS.* 2021;9564624211056746. <https://www.ncbi.nlm.nih.gov/pubmed/34872392>.
171. Joseph NT, Satten GA, Williams RE, Haddad LB, Jamieson DJ, Sheth AN, et al. The Effect of Antiretroviral Therapy for the Treatment of HIV-1 in Pregnancy on Gestational Weight Gain. *Clin Infect Dis.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34864949>.
172. Justice AC, Gordon KS, Romero J, Edelman EJ, Garcia BJ, Jones P, et al. Polypharmacy-associated risk of hospitalisation among people ageing with and without HIV: an observational study. *Lancet Healthy Longev.* 2021;2(10):e639-e50. <https://www.ncbi.nlm.nih.gov/pubmed/34870254>.
173. Kaewpoowat Q, Rerkasem A, Rerkasem K, Robertson KR, Aita SL, Roth RM, et al. Cardio-ankle vascular index of increased arterial wall stiffness is associated with neurocognitive impairment in well-controlled HIV. *HIV Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34859556>.
174. Kakad S, Kshirsagar S. Nose to brain delivery of Efavirenz nanosuspension for effective neuro AIDS therapy: in-vitro, in-vivo and pharmacokinetic assessment. *Helvion.* 2021;7(11):e08368. <https://www.ncbi.nlm.nih.gov/pubmed/34901485>.
175. Kalichman SC, Eaton LA, Kalichman MO. Substance Use-Related Intentional Nonadherence to Antiretroviral Therapy Among Young Adults Living with HIV. *AIDS Patient Care STDs.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34905404>.
176. Kamanga J, Stankevitz K, Martinez A, Chiegil R, Nyirenda L, Mulenga F, et al. Improved HIV case finding among key populations after differentiated data driven community testing approaches in Zambia. *PLoS One.* 2021;16(12):e0258573. <https://www.ncbi.nlm.nih.gov/pubmed/34855752>.

177. Kamolvisit S, Chirnaksorn S, Nimitphong H, Sungkanuparph S. Pioglitazone for the Treatment of Metabolic-Associated Fatty Liver Disease in People Living With HIV and Prediabetes. *Cureus*. 2021;13(10):e19046. <https://www.ncbi.nlm.nih.gov/pubmed/34858740>.
178. Kaniuka AR, Zarwell M, Cramer RJ, Quinn K, Broaddus M, Patton A, et al. Perceptions of HIV Research Participation Among Gay, Bisexual, and Other Men who Have Sex with Men and Transgender and Nonbinary Adults: Results From a Midwest Pride Event. *J Empir Res Hum Res Ethics*. 2021;15562646211062707. <https://www.ncbi.nlm.nih.gov/pubmed/34866467>.
179. Kasadha B, Tariq S, Nyatsanza F, Freeman-Romilly N, Namiba A, Rai T. Stakeholder engagement is essential to maximise the impact of research on infant feeding in the context of HIV. *Ther Adv Infect Dis*. 2021;8:20499361211057970. <https://www.ncbi.nlm.nih.gov/pubmed/34868581>.
180. Kassaw MW, Abebe AM, Abate BB, Getu MA, Kassie AM. Mortality and Loss to Follow-Up Among HIV-Exposed Infants After Option B(+) Guideline Implementation in Amhara Regional State Referral Hospitals, Ethiopia. *Front Pediatr*. 2021;9:591963. <https://www.ncbi.nlm.nih.gov/pubmed/34858894>.
181. Katsuya H, Cook LBM, Rowan AG, Melamed A, Turpin J, Ito J, et al. Erratum to: Clonality of HIV-1- and HTLV-1-Infected Cells in Naturally Coinfected Individuals. *J Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34865054>.
182. Kazuma-Matululu T, Nyondo-Mipando AL. "Men Are Scared That Others Will Know and Will Discriminate Against Them So They Would Rather Not Start Treatment." Perceptions of Heterosexual Men on HIV-Related Stigma in HIV Services in Blantyre, Malawi. *J Int Assoc Provid AIDS Care*. 2021;20:23259582211059921. <https://www.ncbi.nlm.nih.gov/pubmed/34870510>.
183. Khan K, Lustig G, Bernstein M, Archary D, Cele S, Karim F, et al. Immunogenicity of SARS-CoV-2 infection and Ad26.CoV2.S vaccination in people living with HIV. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34893824>.
184. Kibuuka H, Musinye E, Mwesigwa B, Semwogerere M, Iroezindu M, Bahemana E, et al. Predictors of All-Cause Mortality among People with HIV in a Prospective Cohort Study in East Africa and Nigeria. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34864933>.
185. Kisler KA, Fletcher JB, Fehrenbacher AE, Reback CJ. Age Is Associated With HIV Sexual Risk Behaviors Among Trans Women in Los Angeles County. *AIDS Educ Prev*. 2021;33(6):483-94. <https://www.ncbi.nlm.nih.gov/pubmed/34874757>.
186. Klock E, Wilson E, Fernandez RE, Piwowar-Manning E, Moore A, Kosloff B, et al. Validation of population-level HIV-1 incidence estimation by cross-sectional incidence assays in the HPTN 071 (PopART) trial. *J Int AIDS Soc*. 2021;24(12):e25830. <https://www.ncbi.nlm.nih.gov/pubmed/34897992>.
187. Koga I, Wakatabe R, Okamoto N, Sasai A, Kambara K, Maldonado A, et al. Factors Associated with Treatment Satisfaction Among People Living with HIV in Japan and Other Selected Countries: Examination of the Intertwined Roles of Medication, Patient, and Provider Characteristics. *AIDS Behav*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34870772>.

188. Kolossvary M, Celentano D, Gerstenblith G, Bluemke DA, Mandler RN, Fishman EK, et al. HIV indirectly accelerates coronary artery disease by promoting the effects of risk factors: longitudinal observational study. *Sci Rep*. 2021;11(1):23110. <https://www.ncbi.nlm.nih.gov/pubmed/34848791>.
189. Koning D, Quakkelaar ED, Schellens IMM, Spierings E, van Baarle D. Protective HLA Alleles Recruit Biased and Largely Similar Antigen-Specific T Cell Repertoires across Different Outcomes in HIV Infection. *J Immunol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34880106>.
190. Kose J, Lenz C, Akuno J, Kiiru F, Jelagat Odionyi J, Otieno-Masaba R, et al. Supporting adolescents living with HIV within boarding schools in Kenya. *PLoS One*. 2021;16(12):e0260278. <https://www.ncbi.nlm.nih.gov/pubmed/34855779>.
191. Kusemererwa S, Kansiime S, Mutonyi G, Namirembe A, Katana S, Kitonsa J, et al. Predictors of oral pre-exposure prophylaxis (PrEP) uptake among individuals in a HIV vaccine preparedness cohort in Masaka, Uganda. *Medicine (Baltimore)*. 2021;100(44):e27719. <https://www.ncbi.nlm.nih.gov/pubmed/34871265>.
192. Lai SK, Tan LJ, Hussin H, Salleh AA, Bakrin IH. Colesional cutaneous talaromycosis (penicilliosis) and Kaposi sarcoma in an HIV-infected patient. *Clin Case Rep*. 2021;9(11):e04639. <https://www.ncbi.nlm.nih.gov/pubmed/34849222>.
193. Lajoie J, Kowatsch MM, Mwangi LW, Boily-Larouche G, Oyugi J, Chen Y, et al. Low-Dose Acetylsalicylic Acid Reduces T Cell Immune Activation: Potential Implications for HIV Prevention. *Front Immunol*. 2021;12:778455. <https://www.ncbi.nlm.nih.gov/pubmed/34868050>.
194. Lakatos B, Kowalska J, Antoniuk S, Gokengin D, Begovac J, Vassilenko A, et al. Retrospective evaluation of an observational cohort by the Central and Eastern Europe Network Group shows a high frequency of potential drug-drug interactions among HIV-positive patients receiving treatment for coronavirus disease 2019 (COVID-19). *HIV Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34859557>.
195. Larki M, Bahri N, Latifnejad Roudsari R. Life loaded with threat and vulnerability: a qualitative inquiry into the experiences of HIV negative married women in serodiscordant heterosexual relationships. *BMC Womens Health*. 2021;21(1):402. <https://www.ncbi.nlm.nih.gov/pubmed/34876115>.
196. Leal L, Couto E, Sanchez-Palomino S, Climent N, Fernandez I, Miralles L, et al. Effect of Intranodally Administered Dendritic Cell-Based HIV Vaccine in Combination With Pegylated Interferon alpha-2a on Viral Control Following ART Discontinuation: A Phase 2A Randomized Clinical Trial. *Front Immunol*. 2021;12:767370. <https://www.ncbi.nlm.nih.gov/pubmed/34858423>.
197. Lee D, Chow EPF, Aguirre I, Fairley CK, Ong JJ. Access to HIV Antiretroviral Therapy among People Living with HIV in Melbourne during the COVID-19 Pandemic. *Int J Environ Res Public Health*. 2021;18(23). <https://www.ncbi.nlm.nih.gov/pubmed/34886496>.

198. Lee DH, Shin JE, Kim CH. Sudden sensorineural hearing loss with vertigo as an initial presenting symptom of HIV/AIDS patient. *AIDS*. 2021;35(15):2553-5. <https://www.ncbi.nlm.nih.gov/pubmed/34870936>.
199. Lee MJ, Fidler S, Frater J. Immunotherapeutic approaches to HIV cure and remission. *Curr Opin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873077>.
200. Lee WS, Reynaldi A, Amarasena T, Davenport MP, Parsons MS, Kent SJ. Anti-Drug Antibodies in Pigtailed Macaques Receiving HIV Broadly Neutralising Antibody PGT121. *Front Immunol*. 2021;12:749891. <https://www.ncbi.nlm.nih.gov/pubmed/34867979>.
201. Leierer G, Rieger A, Schmied B, Sarcletti M, Ollinger A, Wallner E, et al. A Lower CD4 Count Predicts Most Causes of Death except Cardiovascular Deaths. The Austrian HIV Cohort Study. *Int J Environ Res Public Health*. 2021;18(23). <https://www.ncbi.nlm.nih.gov/pubmed/34886257>.
202. Leistikow PT, Patel V, Nouryan C, Cervia JS. Acceptability of HIV testing for adolescents and young adults by delivery model: a systematic review. *J Investig Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34880049>.
203. Letsela L, Jana M, Pursell-Gotz R, Kodisang P, Weiner R. The role and effectiveness of School-based Extra-Curricular Interventions on children's health and HIV related behaviour: the case study of Soul Buddyz Clubs Programme in South Africa. *BMC Public Health*. 2021;21(1):2259. <https://www.ncbi.nlm.nih.gov/pubmed/34895170>.
204. Levinger C, Howard J, Cheng J, Tang P, Joshi A, Catalfamo M, et al. An ultrasensitive planar array p24 Gag ELISA to detect HIV-1 in diverse biological matrixes. *Sci Rep*. 2021;11(1):23682. <https://www.ncbi.nlm.nih.gov/pubmed/34880361>.
205. Li K, Chen H, Li J, Feng Y, Lan G, Liang S, et al. Immune reconstruction effectiveness of combination antiretroviral therapy for HIV-1 CRF01\_AE cluster 1 and 2 infected individuals. *Emerg Microbes Infect*. 2021:1-25. <https://www.ncbi.nlm.nih.gov/pubmed/34895083>.
206. Liang HJ, Ernst T, Cunningham E, Chang L. Contributions of chronic tobacco smoking to HIV-associated brain atrophy and cognitive deficits. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34860196>.
207. Linthwaite B, Kronfli N, Marbaniang I, Ruppenthal L, Lessard D, Engler K, et al. Increased reengagement of out-of-care HIV patients using lost & found, a clinic-based intervention. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34897240>.
208. Liu Z. Treating older patients with AIDS using Traditional Chinese Medicine Combined with Conventional Western Medicine in China. *Aging Dis*. 2021;12(8):1872-8. <https://www.ncbi.nlm.nih.gov/pubmed/34881074>.
209. Liu Z, Tang X, Liu Y, Zhang L, Yang Y, Zheng Y, et al. HIV Prevention and Health Poverty Alleviation - Liangshan Prefecture, Sichuan Province, China, 2017-2020. *China CDC Wkly*. 2021;3(48):1031-5. <https://www.ncbi.nlm.nih.gov/pubmed/34888120>.

210. Lombaard J, Ssali F, Thanyawee P, Fourie J, Vanveggel S, Linthicum C, et al. Long-term safety, tolerability and antiviral activity of rilpivirine in antiretroviral-naïve adolescents living with HIV-1, aged 12 to less than 18 years: Week 240 findings of a phase 2, open-label study, PAIN'T. *Antimicrob Agents Chemother*. 2021;AAC0091621. <https://www.ncbi.nlm.nih.gov/pubmed/34871089>.
211. Lopera TJ, Lujan JA, Zurek E, Zapata W, Hernandez JC, Toro MA, et al. A specific structure and high richness characterize intestinal microbiota of HIV-exposed seronegative individuals. *PLoS One*. 2021;16(12):e0260729. <https://www.ncbi.nlm.nih.gov/pubmed/34855852>.
212. Low KE. Ways of making: Artistic practice which works co-collaboratively, ethically and which celebrates and extends the conversation of what it means to live well with HIV. *Womens Health (Lond)*. 2021;17:17455065211059335. <https://www.ncbi.nlm.nih.gov/pubmed/34845945>.
213. Lu X, Gao P, Wang X, Wang X, Zhao X, He Q, et al. User Preferences for an mHealth Approach to Support HIV Self-Testing and Linkage to HIV Prevention or Care Services for MSM in China. *AIDS Educ Prev*. 2021;33(6):534-50. <https://www.ncbi.nlm.nih.gov/pubmed/34874759>.
214. Luchen CC, Mwaba J, Ng'ombe H, Alabi PIO, Simuyandi M, Chilyabanyama ON, et al. Effect of HIV status and retinol on immunogenicity to oral cholera vaccine in adult population living in an endemic area of Lukanga Swamps, Zambia. *PLoS One*. 2021;16(12):e0260552. <https://www.ncbi.nlm.nih.gov/pubmed/34855835>.
215. Luise D, Lattuada E, Rizzardo S, Nicole S, Lambertenghi L, Coledan I, et al. Short-cycle therapy in HIV-infected adults: rilpivirine combination 4 days on/3 days off therapy. *J Antimicrob Chemother*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34849955>.
216. Lv JN, Li JQ, Cui YB, Ren YY, Fu YJ, Jiang YJ, et al. Plasma MicroRNA Signature Panel Predicts the Immune Response After Antiretroviral Therapy in HIV-Infected Patients. *Front Immunol*. 2021;12:753044. <https://www.ncbi.nlm.nih.gov/pubmed/34887859>.
217. Ma Y, Cui Y, Hu Q, Mubarik S, Yang D, Jiang Y, et al. Long-Term Changes of HIV/AIDS Incidence Rate in China and the U.S. Population From 1994 to 2019: A Join-Point and Age-Period-Cohort Analysis. *Front Public Health*. 2021;9:652868. <https://www.ncbi.nlm.nih.gov/pubmed/34869132>.
218. Mahayni AA, Attia ZI, Medina-Inojosa JR, Elsisy MFA, Noseworthy PA, Lopez-Jimenez F, et al. Electrocardiography-Based Artificial Intelligence Algorithm Aids in Prediction of Long-term Mortality After Cardiac Surgery. *Mayo Clin Proc*. 2021;96(12):3062-70. <https://www.ncbi.nlm.nih.gov/pubmed/34863396>.
219. Majam M, Phatsoane M, Hanna K, Faul C, Arora L, Makthal S, et al. Utility of a Machine-Guided Tool for Assessing Risk Behavior Associated With Contracting HIV in Three Sites in South Africa: Protocol for an In-Field Evaluation. *JMIR Res Protoc*. 2021;10(12):e30304. <https://www.ncbi.nlm.nih.gov/pubmed/34860679>.

220. Majonga ED, Mapurisa GN, Rehman AM, McHugh G, Bandason T, Mujuru H, et al. The effect of azithromycin for management of HIV-associated chronic lung disease on right heart function: Results from the BREATHE trial. *Int J Cardiol Heart Vasc.* 2021;37:100920. <https://www.ncbi.nlm.nih.gov/pubmed/34849393>.
221. Makinde O, Okusanya BO, Osanyin G. Group B Streptococcus vaginal colonization in pregnant women living with HIV infection: prevalence and antibiotic susceptibility at HIV referral centers in Lagos, Nigeria. *J Matern Fetal Neonatal Med.* 2021:1-7. <https://www.ncbi.nlm.nih.gov/pubmed/34894995>.
222. Malaba TR, Mukonda E, Matjila M, Madlala HP, Myer L, Newell ML, et al. Pregnancy outcomes in women living with HIV and HIV-negative women in South Africa: Cohort analysis based on bias-corrected gestational age. *Paediatr Perinat Epidemiol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34890057>.
223. Malazogu F, Rousseau RK, Shivappa N, Huibner S, Walmsley SL, Kovacs CM, et al. The Dietary Inflammatory Index Is Not Associated With Gut Permeability or Biomarkers of Systemic Inflammation in HIV Immunologic Non-responders. *Front Nutr.* 2021;8:736816. <https://www.ncbi.nlm.nih.gov/pubmed/34881278>.
224. Mandala WL, Liu MKP. SARS-CoV-2 and HIV-1: Should HIV-1-Infected Individuals in Sub-Saharan Africa Be Considered a Priority Group for the COVID-19 Vaccines? *Front Immunol.* 2021;12:797117. <https://www.ncbi.nlm.nih.gov/pubmed/34858440>.
225. Manderson G, King L. Mobile phone interventions to promote adherence to HIV treatment: mitigating the challenges. *Nurs Stand.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34866364>.
226. Maragh-Bass AC, Parker S, Thompson G, Erlandson KM, Karris M, Webster J, et al. 'Ending the HIV epidemic': where are African American women in the plan? *AIDS.* 2021;35(15):2541-4. <https://www.ncbi.nlm.nih.gov/pubmed/34870932>.
227. Marcy O, Goyet S, Borand L, Msellati P, Ung V, Tejiokem M, et al. Tuberculosis Diagnosis in HIV-Infected Children: Comparison of the 2012 and 2015 Clinical Case Definitions for Classification of Intrathoracic Tuberculosis Disease. *J Pediatric Infect Dis Soc.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34902033>.
228. Marques F, Josloff K, Hung K, Wakamatsu M, Sepucha KR. Decision aids and shared decision making in urogynecology. *Menopause.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34905749>.
229. Martinez-Sanz J, Serrano-Villar S, Vivancos MJ, Rubio R, Moreno S, Group HI-acS. Management of Comorbidities in Treated HIV Infection: A Long Way to Go: HIV, comorbidities and aging. *Int J Antimicrob Agents.* 2021:106493. <https://www.ncbi.nlm.nih.gov/pubmed/34871746>.
230. Martins-Melo FR, Castro MC, Werneck GL, Heukelbach J. Deaths related to Chagas disease and HIV/AIDS coinfection in Brazil: a nationwide population-based analysis. *Trans R Soc Trop Med Hyg.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34891173>.

231. Maswime S, Pule C, Mtshali Z, Chawana R, Matjila M. HIV, Placental Lesions, and Adverse Perinatal Outcomes. *J Infect Dis.* 2021;224(Supplement\_6):S691-S3. <https://www.ncbi.nlm.nih.gov/pubmed/34882204>.
232. Mathews C, Cheyip M, Beauclair R, Puren A, Lombard C, Jonas K, et al. HIV care coverage among HIV-positive adolescent girls and young women in South Africa: Results from the HERStory Study. *S Afr Med J.* 2021;111(5):460-8. <https://www.ncbi.nlm.nih.gov/pubmed/34852889>.
233. Mathias A, Santos LAD, Grangeiro A, Couto MT. HIV risk perceptions and post-exposure prophylaxis among men who have sex with men in five Brazilian cities. *Cien Saude Colet.* 2021;26(11):5739-49. <https://www.ncbi.nlm.nih.gov/pubmed/34852105>.
234. Mbatha TL, Dube A. HIV Positive Pregnant Mothers' Perceptions and Experiences Regarding the Prevention of Mother-to-Child Transmission, Option B+ Program. *J Patient Exp.* 2021;8:23743735211065272. <https://www.ncbi.nlm.nih.gov/pubmed/34901413>.
235. Mbewe EG, Kabundula PP, Mwanza-Kabaghe S, Buda A, Adams HR, Schneider C, et al. Socioeconomic Status and Cognitive Function in Children With HIV: Evidence From the HIV-Associated Neurocognitive Disorders in Zambia (HANDZ) Study. *J Acquir Immune Defic Syndr.* 2022;89(1):56-63. <https://www.ncbi.nlm.nih.gov/pubmed/34878435>.
236. Mbuya W, Mwakyula I, Olomi W, Agrea P, Nicoli F, Ngatunga C, et al. Altered Lipid Profiles and Vaccine Induced-Humoral Responses in Children Living With HIV on Antiretroviral Therapy in Tanzania. *Front Cell Infect Microbiol.* 2021;11:721747. <https://www.ncbi.nlm.nih.gov/pubmed/34858867>.
237. Mc Lean R, Forsythe S, Semini I, Whiteside A. The next and last pandemics - The consequences of COVID-19 and its impact on the HIV/AIDS response. *Afr J AIDS Res.* 2021;20(4):255-8. <https://www.ncbi.nlm.nih.gov/pubmed/34905455>.
238. McGettrick P, Mallon PWG. Biomarkers to predict cardiovascular disease in people living with HIV. *Curr Opin Infect Dis.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873078>.
239. McLaughlin SE, Kapadia F, Greene RE, Pitts R. Capturing missed HIV pre-exposure prophylaxis opportunities-sexually transmitted infection diagnoses in the emergency department. *Int J STD AIDS.* 2021;9564624211048671. <https://www.ncbi.nlm.nih.gov/pubmed/34879782>.
240. Meeder E, Matzaraki V, Vadaq N, van de Wijer L, van der Ven A, Schellekens A. Unbiased Metabolomics Links Fatty Acid Pathways to Psychiatric Symptoms in People Living with HIV. *J Clin Med.* 2021;10(23). <https://www.ncbi.nlm.nih.gov/pubmed/34884168>.
241. Menard L, Misquith C. Providing real-time resources in support of LGBTQ+ and HIV+ populations as information experts on the ECHO hub team: a case report. *J Med Libr Assoc.* 2021;109(4):631-6. <https://www.ncbi.nlm.nih.gov/pubmed/34858094>.

242. Meyer-Myklestad MH, Medhus AW, Stiksrud B, Lørvik KB, Seljeflot I, Hansen SH, et al. Probiotics to HIV-Infected Immunological Nonresponders: Altered Mucosal Immunity and Microbial Diversity Restricted to Ileum. *J Acquir Immune Defic Syndr*. 2022;89(1):77-86. <https://www.ncbi.nlm.nih.gov/pubmed/34878437>.
243. Michel L, Silva CJ, Torres DFM. Model-free based control of a HIV/AIDS prevention model. *Math Biosci Eng*. 2022;19(1):759-74. <https://www.ncbi.nlm.nih.gov/pubmed/34903011>.
244. Migliorati JM, Zhong XB. Mutations in muscle-type creatine kinase impact HIV prevention. *Trends Pharmacol Sci*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34887127>.
245. Mikelonis AM, Fuller C, Ratliff K, Touati A, Calfee W. Influence of Wash Aids on Bacillus Spore Removal from an Asphalt Parking Lot Using two Spray-Based Washing Methods. *J Appl Microbiol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34878661>.
246. Minosse S, Picchi E, Giuliano FD, di Cio F, Pistolesi CA, Sarmati L, et al. Compartmental models for diffusion weighted MRI reveal widespread brain changes in HIV-infected patients. *Annu Int Conf IEEE Eng Med Biol Soc*. 2021;2021:3834-7. <https://www.ncbi.nlm.nih.gov/pubmed/34892070>.
247. Mitchell KM, Maheu-Giroux M, Dimitrov D, Moore M, Hughes JP, Donnell D, et al. How can progress towards Ending the HIV Epidemic in the United States be monitored? *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34849635>.
248. Mocroft A, Miro JM, Wandeler G, Llibre JM, Boyd A, van Bremen K, et al. The association between hepatitis B virus infection and nonliver malignancies in persons living with HIV: results from the EuroSIDA study. *HIV Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34889022>.
249. Mohammadifirouzeh M, Oh KM, Tanner S. HIV stigma reduction interventions among health care providers and students in different countries: a systematic review. *Curr HIV Res*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34872477>.
250. Molyer B, Kumar A, Angel JB. SMAC Mimetics as Therapeutic Agents in HIV Infection. *Front Immunol*. 2021;12:780400. <https://www.ncbi.nlm.nih.gov/pubmed/34899741>.
251. Montandon M, Efuntoye T, Itanyi IU, Onoka CA, Onwuchekwa C, Gwamna J, et al. Improving uptake of prevention of mother-to-child HIV transmission services in Benue State, Nigeria through a faith-based congregational strategy. *PLoS One*. 2021;16(12):e0260694. <https://www.ncbi.nlm.nih.gov/pubmed/34855849>.
252. Montess M. Contextualizing Risk in the Ethics of PrEP as HIV Prevention: The Lived Experiences of MSM. *Kennedy Inst Ethics J*. 2021;31(4):343-72. <https://www.ncbi.nlm.nih.gov/pubmed/34897116>.
253. Morris L. mRNA vaccines offer hope for HIV. *Nat Med*. 2021;27(12):2082-4. <https://www.ncbi.nlm.nih.gov/pubmed/34887576>.

254. Morton K, Mhlakwaphalwa T, Msimango L, van Heerden A, Ngubane T, Joseph P, et al. Optimising a couples-focused intervention to increase couples' HIV testing and counselling using the person-based approach: a qualitative study in Kwa-Zulu Natal, South Africa. *BMJ Open*. 2021;11(12):e047408. <https://www.ncbi.nlm.nih.gov/pubmed/34853099>.
255. Motoa G, Morgenstern-Kaplan D, Carrillo-Martin I, Park MA, Gonzalez-Estrada A. Single or two-step challenge versus six-step challenge in non-HIV infected patients with a sulfonamide antibiotic allergy label: a retrospective case series. *J Allergy Clin Immunol Pract*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34883261>.
256. Moyo F, Mazanderani AH, Kufa T, Sherman GG. Maternal HIV viral load testing during pregnancy and postpartum care in Gauteng Province, South Africa. *S Afr Med J*. 2021;111(5):469-73. <https://www.ncbi.nlm.nih.gov/pubmed/34852890>.
257. Mphande M, Campbell P, Hoffman RM, Phiri K, Nyirenda M, Gupta SK, et al. Barriers and facilitators to facility HIV self-testing in outpatient settings in Malawi: a qualitative study. *BMC Public Health*. 2021;21(1):2200. <https://www.ncbi.nlm.nih.gov/pubmed/34856958>.
258. Msomi N, Lessells R, Mlisana K, de Oliveira T. Africa: tackle HIV and COVID-19 together. *Nature*. 2021;600(7887):33-6. <https://www.ncbi.nlm.nih.gov/pubmed/34853449>.
259. Muchimba M, Zyambo C. Characteristics and Sexual Risk Behavior of Men Who Never Tested for HIV in Zambia. *Am J Mens Health*. 2021;15(6):15579883211063343. <https://www.ncbi.nlm.nih.gov/pubmed/34859712>.
260. Muhairwe JA, Brown JA, Motaboli L, Nsakala BL, Leretholi M, Amstutz A, et al. The Suboptimal Pediatric HIV Viral Load Cascade: Multidistrict Cohort Study Among Children Taking Antiretroviral Therapy in Lesotho, Southern Africa. *Pediatr Infect Dis J*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34862344>.
261. Muir AN, Madden E, Chilingirian A, Rubinsky AD, Scherzer R, Moore R, et al. The incidence of and risk factors for hospitalized acute kidney injury among people living with HIV on antiretroviral treatment. *HIV Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34897925>.
262. Mulligan A. Patient Confidentiality and Disclosure of HIV Status: Disentangling the Entitlement to Disclose from the Duty to Warn. *Med Law Rev*. 2021;29(4):688-98. <https://www.ncbi.nlm.nih.gov/pubmed/34871437>.
263. Mulugeta T, Takale A, Umata B, Terefe B. Active TB infection and its associated factors among HIV-1 infected patients at Jimma medical center, Southwest Ethiopia. *J Pharm Health Care Sci*. 2021;7(1):44. <https://www.ncbi.nlm.nih.gov/pubmed/34865659>.
264. Musuka G, Dzinamarira T. Targeting those left behind in Zimbabwe's HIV response: A call for decriminalisation of key populations to rapidly achieve 95-95-95 targets. *S Afr Med J*. 2021;111(5):13287. <https://www.ncbi.nlm.nih.gov/pubmed/34852874>.
265. Myint WW, Washburn DJ, Colwell B, Maddock JE. Determinants of HIV Testing Uptake among Women (aged 15-49 years) in the Philippines, Myanmar, and Cambodia. *Int J MCH AIDS*. 2021;10(2):221-30. <https://www.ncbi.nlm.nih.gov/pubmed/34900391>.

266. Narsi K, Tomita A, Ramlall S. Neuropsychological functioning and cognitive reserve in newly HIV diagnosed antiretroviral-naïve South African adults from peri-urban and informal settlements. *PLoS One*. 2021;16(12):e0260260. <https://www.ncbi.nlm.nih.gov/pubmed/34874966>.
267. Nikolaitchik OA, Liu S, Kitzrow JP, Liu Y, Rawson JMO, Shakya S, et al. Selective packaging of HIV-1 RNA genome is guided by the stability of 5' untranslated region polyA stem. *Proc Natl Acad Sci U S A*. 2021;118(50). <https://www.ncbi.nlm.nih.gov/pubmed/34873042>.
268. Ning QY, Liu N, Wu JZ, Hu DF, Wei Q, Zhou JA, et al. Serum Exosomal microRNA Profiling in AIDS Complicated with *Talaromyces marneffe* Infection. *Infect Drug Resist*. 2021;14:4931-48. <https://www.ncbi.nlm.nih.gov/pubmed/34858034>.
269. Nkambule R, Philip NM, Reid G, Mnisi Z, Nuwagaba-Biribonwoha H, Ao TT, et al. HIV incidence, viremia, and the national response in Eswatini: Two sequential population-based surveys. *PLoS One*. 2021;16(12):e0260892. <https://www.ncbi.nlm.nih.gov/pubmed/34855890>.
270. Nomah DK, Reyes-Uruena J, Llibre JM, Ambrosioni J, Ganem FS, Miro JM, et al. HIV and SARS-CoV-2 Co-infection: Epidemiological, Clinical Features, and Future Implications for Clinical Care and Public Health for People Living with HIV (PLWH) and HIV Most-at-Risk Groups. *Curr HIV/AIDS Rep*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34890019>.
271. Odendaal LN, Smit DP. A triple case series of uveitis caused by HIV, syphilis and tuberculosis coinfection. *AIDS*. 2022;36(1):155-6. <https://www.ncbi.nlm.nih.gov/pubmed/34873096>.
272. Ogbuagu O, Wachekwa I, Yasin F, Nuta C, Donato S, Toomey J, et al. High HIV Detection in a Tertiary Facility in Liberia: Implications and Opportunities. *Ann Glob Health*. 2021;87(1):117. <https://www.ncbi.nlm.nih.gov/pubmed/34900617>.
273. Ogunsina MA, Yusuf-Ajibade N, Maaji E, Shuiabu M. Assessment of Utilization of Post Exposure Prophylaxis (PEP) among HIV-Exposed Individuals in a Tertiary Hospital, Northwest Nigeria. *West Afr J Med*. 2021;Vol. 38(10):999-1003. <https://www.ncbi.nlm.nih.gov/pubmed/34856776>.
274. Osorio D, Munyangaju I, Nacarapa E, Muhiwa A, Nhangave AV, Ramos JM. Mother-to-child transmission of HIV infection and its associated factors in the district of Bilene, Gaza Province-Mozambique. *PLoS One*. 2021;16(12):e0260941. <https://www.ncbi.nlm.nih.gov/pubmed/34890430>.
275. Ouattara LA, Thurman AR, Jacot TA, Cottrell M, Sykes C, Blake K, et al. Genital Mucosal Drug Concentrations and anti-HIV Activity in Tenofovir-Based PrEP Products: Intravaginal Ring vs. Oral Administration. *J Acquir Immune Defic Syndr*. 2022;89(1):87-97. <https://www.ncbi.nlm.nih.gov/pubmed/34878438>.
276. Ownby RL, Kim J. Computer-Delivered Cognitive Training and Transcranial Direct Current Stimulation in Patients With HIV-Associated Neurocognitive Disorder: A Randomized Trial. *Front Aging Neurosci*. 2021;13:766311. <https://www.ncbi.nlm.nih.gov/pubmed/34867291>.

277. Papageorgiou V, Davies B, Cooper E, Singer A, Ward H. Influence of Material Deprivation on Clinical Outcomes Among People Living with HIV in High-Income Countries: A Systematic Review and Meta-analysis. *AIDS Behav.* 2021.  
<https://www.ncbi.nlm.nih.gov/pubmed/34894331>.
278. Paul S, Rahman SMM, Rahman R, Rahman M, Uddin Ahmed QM, Alam R, et al. Generalized Pruritus and Gradual Loss of Vision as the Presenting Complaints of Acute HIV Infection: Management Challenges during COVID-19 Pandemic. *Case Rep Infect Dis.* 2021;2021:6436936.  
<https://www.ncbi.nlm.nih.gov/pubmed/34868691>.
279. Peate I. 'Getting to Zero' on HIV/AIDS. *Br J Nurs.* 2021;30(22):1269.  
<https://www.ncbi.nlm.nih.gov/pubmed/34889677>.
280. Perez Rosero E, Heron S, Jovel J, O'Neil CR, Turvey SL, Parashar P, et al. Differential Signature of the Microbiome and Neutrophils in the Oral Cavity of HIV-Infected Individuals. *Front Immunol.* 2021;12:780910. <https://www.ncbi.nlm.nih.gov/pubmed/34858437>.
281. PhamDo V, Nyamathi AM, Ekstrand ML, Sinha S, Yadav K, Shin SS. Association Between Maternal HIV Stigma Among South Indian Mothers Living with HIV and the CD4 Count of Children Living with HIV. *AIDS Behav.* 2021.  
<https://www.ncbi.nlm.nih.gov/pubmed/34897568>.
282. Phillips TK, Olsen H, Teasdale CA, Geller A, Ts'oeu M, Buono N, et al. Uninterrupted HIV treatment for women: Policies and practices for care transitions during pregnancy and breastfeeding in Cote d'Ivoire, Lesotho and Malawi. *PLoS One.* 2021;16(12):e0260530.  
<https://www.ncbi.nlm.nih.gov/pubmed/34855814>.
283. Picou EM, Rakita L, Buono GH, Moore TM. Effects of Increasing the Overall Level or Fitting Hearing Aids on Emotional Responses to Sounds. *Trends Hear.* 2021;25:23312165211049938.  
<https://www.ncbi.nlm.nih.gov/pubmed/34866509>.
284. Pineda-Antunez C, Contreras-Loya D, Rodriguez-Atristain A, Opuni M, Bautista-Arredondo S. Characterizing health care provider knowledge: Evidence from HIV services in Kenya, Rwanda, South Africa, and Zambia. *PLoS One.* 2021;16(12):e0260571.  
<https://www.ncbi.nlm.nih.gov/pubmed/34855816>.
285. Pires D, Calado M, Velez T, Mandal M, Catalao MJ, Neyrolles O, et al. Modulation of Cystatin C in Human Macrophages Improves Anti-Mycobacterial Immune Responses to Mycobacterium tuberculosis Infection and Coinfection With HIV. *Front Immunol.* 2021;12:742822.  
<https://www.ncbi.nlm.nih.gov/pubmed/34867965>.
286. Pitasi MA, Beer L, Cha S, Lyons SJ, Hernandez AL, Prejean J, et al. Vital Signs: HIV Infection, Diagnosis, Treatment, and Prevention Among Gay, Bisexual, and Other Men Who Have Sex with Men - United States, 2010-2019. *MMWR Morb Mortal Wkly Rep.* 2021;70(48):1669-75.  
<https://www.ncbi.nlm.nih.gov/pubmed/34855721>.
287. Pond RA, Collins LF, Lahiri CD. Sex Differences in Non-AIDS Comorbidities Among People With Human Immunodeficiency Virus. *Open Forum Infect Dis.* 2021;8(12):ofab558.  
<https://www.ncbi.nlm.nih.gov/pubmed/34888399>.

288. Presti RM, Yeh E, Williams B, Landay A, Jacobson JM, Wilson C, et al. A Randomized, Placebo-Controlled Trial Assessing the Effect of VISBIOME ES Probiotic in People With HIV on Antiretroviral Therapy. *Open Forum Infect Dis*. 2021;8(12):ofab550. <https://www.ncbi.nlm.nih.gov/pubmed/34888397>.
289. Price S. Routine Screen: Regular Testing Needed to End HIV Epidemic. *Tex Med*. 2021;117(4):44-6. <https://www.ncbi.nlm.nih.gov/pubmed/34855946>.
290. Prodel M, Finkielsztejn L, Roustand L, Nachbaur G, De Leotoing L, Genreau M, et al. Costs and mortality associated with HIV: a machine learning analysis of the French national health insurance database. *J Public Health Res*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34850620>.
291. Qanche Q, Wondimu W, Asefa A, Yosef T, Midaksa G, Nigussie T. Factors Contributing to High HIV Prevalence in Majang Zone, Southwest Ethiopia: What Lies Beneath the Tip of the Iceberg? *J Multidiscip Healthc*. 2021;14:3273-83. <https://www.ncbi.nlm.nih.gov/pubmed/34858030>.
292. Qian Y, Moore RD, Coburn SB, Davy-Mendez T, Akgun KM, McGinnis KA, et al. Association of the VACS Index With Hospitalization Among People With HIV in the NA-ACCORD. *J Acquir Immune Defic Syndr*. 2022;89(1):9-18. <https://www.ncbi.nlm.nih.gov/pubmed/34878432>.
293. Rabadan Pejenaute E, Marcos MA, Mallolas J, Ambrosioni J. Guillain-Barre-like syndrome as a rare presentation of severe primary HIV-infection. *Enferm Infecc Microbiol Clin (Engl Ed)*. 2021;39(10):533-4. <https://www.ncbi.nlm.nih.gov/pubmed/34865716>.
294. Ragonnet-Cronin M, Hayford C, D'Aquila R, Ma F, Ward C, Benbow N, et al. Forecasting HIV-1 Genetic Cluster Growth in Illinois, United States. *J Acquir Immune Defic Syndr*. 2022;89(1):49-55. <https://www.ncbi.nlm.nih.gov/pubmed/34878434>.
295. Ramaswami R, Lurain K, Yarchoan R. Oncologic Treatment of HIV-Associated Kaposi Sarcoma 40 Years on. *J Clin Oncol*. 2021;JCO2102040. <https://www.ncbi.nlm.nih.gov/pubmed/34890242>.
296. Ramaswami R, Polizzotto MN, Lurain K, Wyvill KM, Widell A, George J, et al. Safety, activity, and long-term outcomes of pomalidomide in the treatment of Kaposi sarcoma among individuals with or without HIV infection. *Clin Cancer Res*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34862247>.
297. Ramos H, Monette A, Niu M, Barrera A, Lopez-Ulloa B, Fuentes Y, et al. The double-stranded RNA-binding protein, Staufen1, is an IRES-transacting factor regulating HIV-1 cap-independent translation initiation. *Nucleic Acids Res*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34893869>.
298. Rawlings SA, Torres F, Wells A, Lisco A, Fitzgerald W, Margolis L, et al. Effect of HIV suppression on the cytokine network in blood and seminal plasma: A longitudinal study. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873090>.

299. Richardson ZA, Deleage C, Tutuka CSA, Walkiewicz M, Del Rio-Estrada PM, Pascoe RD, et al. Multiparameter immunohistochemistry analysis of HIV DNA, RNA and immune checkpoints in lymph node tissue. *J Immunol Methods*. 2021;501:113198. <https://www.ncbi.nlm.nih.gov/pubmed/34863818>.
300. Richart V, Fernandez I, de Lazzari E, Berrocal L, Feher C, Plana M, et al. High rate of long-term clinical events after antiretroviral therapy resumption in HIV-positive patients exposed to antiretroviral therapy interruption. *AIDS*. 2021;35(15):2463-8. <https://www.ncbi.nlm.nih.gov/pubmed/34870929>.
301. Rochat TJ, Dube S, Herbst K, Hoegfeldt CA, Redinger S, Khoza T, et al. An evaluation of a combined psychological and parenting intervention for HIV-positive women depressed in the perinatal period, to enhance child development and reduce maternal depression: study protocol for the Insika Yomama cluster randomised controlled trial. *Trials*. 2021;22(1):914. <https://www.ncbi.nlm.nih.gov/pubmed/34903257>.
302. Roling M, Mollapour Sisakht M, Ne E, Moulos P, Crespo R, Stoszko M, et al. A Two-Color Haploid Genetic Screen Identifies Novel Host Factors Involved in HIV-1 Latency. *mBio*. 2021:e0298021. <https://www.ncbi.nlm.nih.gov/pubmed/34872356>.
303. Romo ML, Edwards JK, Semeere AS, Musick BS, Urassa M, Odhiambo F, et al. Viral load status before switching to dolutegravir-containing antiretroviral therapy and associations with HIV treatment outcomes in sub-Saharan Africa. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34893813>.
304. Rossi SL, Sereda Y, Luoma JB, Pavlov N, Toussova O, Vasileva J, et al. Addressing intersectional stigma as a care barrier for HIV-positive people who inject drugs: Design of an RCT in St. Petersburg, Russia. *Contemp Clin Trials Commun*. 2021;24:100861. <https://www.ncbi.nlm.nih.gov/pubmed/34888430>.
305. Roy K, Poompiew N, Pongwisuthiruchte A, Potiyaraj P. Application of Different Vegetable Oils as Processing Aids in Industrial Rubber Composites: A Sustainable Approach. *ACS Omega*. 2021;6(47):31384-9. <https://www.ncbi.nlm.nih.gov/pubmed/34869964>.
306. Rzeszutek M, Gruszczynska E, Pieta M, Malinowska P. HIV/AIDS stigma and psychological well-being after 40 years of HIV/AIDS: a systematic review and meta-analysis. *Eur J Psychotraumatol*. 2021;12(1):1990527. <https://www.ncbi.nlm.nih.gov/pubmed/34868481>.
307. Saleh HK, Folkeard P, Van Eeckhoutte M, Scollie S. Premium versus entry-level hearing aids: using group concept mapping to investigate the drivers of preference. *Int J Audiol*. 2021:1-15. <https://www.ncbi.nlm.nih.gov/pubmed/34883040>.
308. Sallabank G, Blackburn NA, Threats M, Pulley DV, Barry MC, LeGrand S, et al. Media representation, perception and stigmatisation of race, sexuality and HIV among young black gay and bisexual men. *Cult Health Sex*. 2021:1-15. <https://www.ncbi.nlm.nih.gov/pubmed/34895082>.

309. Saloner R, Lobo JD, Paolillo EW, Campbell LM, Letendre SL, Cherner M, et al. Identification of Youthful Neurocognitive Trajectories in Adults Aging with HIV: A Latent Growth Mixture Model. *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34878634>.
310. Sanga E, Nampewo Z, PrayGod G, Wringe A. HIV Positive status disclosure to sexual partners: a qualitative study to explore experiences and challenges among clients attending HIV care services in North-Western Tanzania. *AIDS Care.* 2021;1-8. <https://www.ncbi.nlm.nih.gov/pubmed/34890272>.
311. Sarkar S, Bhondoeckhan F, Haberlen S, Palella FJ, Jr., Kingsley LA, Budoff M, et al. The association of adipose tissue area with subclinical coronary atherosclerosis progression in men with and without HIV. *AIDS.* 2021;35(15):2549-51. <https://www.ncbi.nlm.nih.gov/pubmed/34870934>.
312. Schausberger B, Mmemma N, Dlamini V, Dube L, Aung A, Kerschberger B, et al. "We have to learn to cooperate with each other": a qualitative study to explore integration of traditional healers into the provision of HIV self-testing and tuberculosis screening in Eswatini. *BMC Health Serv Res.* 2021;21(1):1314. <https://www.ncbi.nlm.nih.gov/pubmed/34872563>.
313. Schneider JA, Hayford C, Hotton A, Tabidze I, Wertheim JO, Ramani S, et al. Do partner services linked to molecular clusters yield people with viremia or new HIV? results from a historical cohort study. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873085>.
314. Scott D. Uncaring landscapes and HIV peer support in the rural Southern United States. *Soc Sci Med.* 2021;292:114628. <https://www.ncbi.nlm.nih.gov/pubmed/34894459>.
315. Senjovu DK, Naikoba S, Mugabe P, Kadengye DT, McCarthy C, Riley PL, et al. Retention of knowledge and clinical competence among Ugandan mid-level health providers 1 year after intensive clinical mentorship in TB and HIV management. *Hum Resour Health.* 2021;19(1):150. <https://www.ncbi.nlm.nih.gov/pubmed/34886868>.
316. Sentis A, Montoro-Fernandez M, Lopez-Corbeto E, Egea-Cortes L, Nomah DK, Diaz Y, et al. STI epidemic re-emergence, socio-epidemiological clusters characterisation and HIV coinfection in Catalonia, Spain, during 2017-2019: a retrospective population-based cohort study. *BMJ Open.* 2021;11(12):e052817. <https://www.ncbi.nlm.nih.gov/pubmed/34903544>.
317. Shaik RA, Holyachi S, Ahmad MS, Ahmad RK, Yusuf M, Khan M, et al. Neurological manifestation with special reference to HIV-associated neurocognitive disorder (HAND) among people on anti-retroviral treatment in India. *Eur Rev Med Pharmacol Sci.* 2021;25(22):6999-7004. <https://www.ncbi.nlm.nih.gov/pubmed/34859862>.
318. Shamu T, Rohner E, Chokunonga E, Spoerri A, Mandiriri A, Chimbetete C, et al. Cancer incidence among people living with HIV in Zimbabwe: A record linkage study. *Cancer Rep (Hoboken).* 2021:e1597. <https://www.ncbi.nlm.nih.gov/pubmed/34873875>.
319. Sharma V, Creegan M, Tokarev A, Hsu D, Slike BM, Sacdalan C, et al. Cerebrospinal fluid CD4+ T cell infection in humans and macaques during acute HIV-1 and SHIV infection. *PLoS Pathog.* 2021;17(12):e1010105. <https://www.ncbi.nlm.nih.gov/pubmed/34874976>.

320. Shaw SY, Ireland L, McClarty LM, Loeppky C, Bullard J, Van Caesele P, et al. Healthcare utilization among persons living with HIV in Manitoba, Canada, prior to HIV diagnosis: A case-control analysis. *Int J STD AIDS*. 2021;9564624211051615. <https://www.ncbi.nlm.nih.gov/pubmed/34894866>.
321. Shen F, Liu Y, Wang L, Chai X, Yang J, Feng Q, et al. Identification of HIV-1-specific cascaded microRNA-mRNA regulatory relationships by parallel mRNA and microRNA expression profiling with AIDS patients after antiviral treatment. *Medicine (Baltimore)*. 2021;100(44):e27428. <https://www.ncbi.nlm.nih.gov/pubmed/34871208>.
322. Sheridan SL. Translating Evidence Updates to International Standards: Is More Certainty Needed for International Standards on Decision Aids? *Med Decis Making*. 2022;42(1):3-7. <https://www.ncbi.nlm.nih.gov/pubmed/34845947>.
323. Sherman SG, Tomko C, Silberzahn BE, White RH, Nestadt DF, Clouse E, et al. The role of local business employees and community members in the HIV risk environment of female sex workers in an urban setting: associations between negative interactions and inconsistent condom use. *BMC Public Health*. 2021;21(1):2265. <https://www.ncbi.nlm.nih.gov/pubmed/34895195>.
324. Shi P, Chen Z, Meng J, Su M, Yang X, Fan W, et al. Molecular transmission networks and pre-treatment drug resistance among individuals with acute HIV-1 infection in Baoding, China. *PLoS One*. 2021;16(12):e0260670. <https://www.ncbi.nlm.nih.gov/pubmed/34855860>.
325. Shikuma C, Le T, Phuong TV, Chew GM, Nguyen VVC, Vo TL, et al. Immunologic Change over 72 Weeks following Raltegravir- vs Efavirenz-based Therapy in HIV/HCV co-infected Individuals in Vietnam. *AIDS Res Hum Retroviruses*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34861767>.
326. Shuter J, Hosgood HD, Nardin S, Weinberger AH. Persons living with HIV who do not smoke cigarettes: A comparison of ex-smokers and never smokers. *Tob Use Insights*. 2021;14:1179173X211053349. <https://www.ncbi.nlm.nih.gov/pubmed/34866952>.
327. Shuter J, Ojoo SA, Oduor P, Ondire M, Khakali L, Achieng AO, et al. Cigarette Smoking Behaviors and Beliefs in Persons Living With HIV in Nairobi, Kenya. *Tob Use Insights*. 2021;14:1179173X211053357. <https://www.ncbi.nlm.nih.gov/pubmed/34866953>.
328. Siddiqui MA, Yamashita M. Toll-Like Receptor (TLR) Signaling Enables Cyclic GMP-AMP Synthase (cGAS) Sensing of HIV-1 Infection in Macrophages. *mBio*. 2021:e0281721. <https://www.ncbi.nlm.nih.gov/pubmed/34844429>.
329. Simbaya J, Funjika P, Moonga A, Mwale J, Kankasa C. Feasibility of using infant testing during immunization to estimate HIV mother-to-child-transmission rates in Zambia. *BMC Infect Dis*. 2021;21(1):1239. <https://www.ncbi.nlm.nih.gov/pubmed/34886792>.
330. Simbayi LC, Moyo S, van Heerden A, Zuma K, Zungu N, Marinda E, et al. Global HIV efforts need to focus on key populations in LMICs. *Lancet*. 2021;398(10318):2213-5. <https://www.ncbi.nlm.nih.gov/pubmed/34856188>.

331. Simpson N, Kydd A, Phiri M, Mbewe M, Sigande L, Gachie T, et al. Correction to: Insaka: mobile phone support groups for adolescent pregnant women living with HIV. *BMC Pregnancy Childbirth*. 2021;21(1):803. <https://www.ncbi.nlm.nih.gov/pubmed/34856933>.
332. Singh AA, Pillay P, Kwezi L, Tsekoa TL. A plant-biotechnology approach for producing highly potent anti-HIV antibodies for antiretroviral therapy consideration. *J Genet Eng Biotechnol*. 2021;19(1):180. <https://www.ncbi.nlm.nih.gov/pubmed/34878628>.
333. Singh AK, Martinez SE, Gu W, Nguyen H, Schols D, Herdewijn P, et al. Sliding of HIV-1 reverse transcriptase over DNA creates a transient P pocket - targeting P-pocket by fragment screening. *Nat Commun*. 2021;12(1):7127. <https://www.ncbi.nlm.nih.gov/pubmed/34880240>.
334. Singh H, Jadhav S, Arif Khan A, Aggarwal SK, Choudhari R, Verma S, et al. APOBEC3, TRIM5alpha, and BST2 polymorphisms in healthy individuals of various populations with special references to its impact on HIV transmission. *Microb Pathog*. 2021;162:105326. <https://www.ncbi.nlm.nih.gov/pubmed/34863878>.
335. Slack C, Soudeyns H. Key milestones and participant engagement strategies in research with HIV-affected adolescents and young adults from low-to-middle income countries. *AIDS*. 2021;35(15):2539-40. <https://www.ncbi.nlm.nih.gov/pubmed/34870931>.
336. Smith L, Letendre S, Erlandson KM, Ma Q, Ellis RJ, Farhadian SF. Polypharmacy in older adults with HIV infection: Effects on the brain. *J Am Geriatr Soc*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34855982>.
337. Sohraby F, Aryapour H. Reconstruction of the binding pathway of an anti-HIV drug, Indinavir, in complex with the HTLV-1 protease using unaggregated unbiased molecular dynamics simulation. *Comput Biol Chem*. 2021;96:107616. <https://www.ncbi.nlm.nih.gov/pubmed/34883394>.
338. Souto B, Triunfante V, Santos-Pereira A, Martins J, Araujo PMM, Osorio NS. Evolutionary dynamics of HIV-1 subtype C in Brazil. *Sci Rep*. 2021;11(1):23060. <https://www.ncbi.nlm.nih.gov/pubmed/34845263>.
339. Spencer DC. Southern African Journal of HIV Medicine August 2021. *South Afr J HIV Med*. 2021;22(1):1309. <https://www.ncbi.nlm.nih.gov/pubmed/34858655>.
340. Spies G, Ahmed-Leitao F, Hoddinott G, Seedat S. Effects of unhealthy alcohol use on brain morphometry and neurocognitive function among people with HIV. *J Neurovirol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34882280>.
341. Spinelli MA, Brown LB, Glidden DV, Hunter K, Martin-Tuite P, Zheng J, et al. SARS-CoV-2 incidence, testing rates, and severe COVID-19 outcomes among people with and without HIV. *AIDS*. 2021;35(15):2545-7. <https://www.ncbi.nlm.nih.gov/pubmed/34870933>.
342. Spinelli MA, Peluso MJ, Lynch KL, Yun C, Glidden DV, Henrich TJ, et al. Differences in Post-mRNA Vaccination SARS-CoV-2 IgG Concentrations and Surrogate Virus Neutralization Test Response by HIV Status and Type of Vaccine: a Matched Case-Control Observational Study. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34864962>.

343. Ssebunnya J, Mugisha J, Mpango R, Kyohangirwe L, Taasi G, Ssentongo H, et al. Using Theory of Change to inform the design of the HIV+D intervention for integrating the management of depression in routine HIV care in Uganda. *PLoS One*. 2021;16(11):e0259425. <https://www.ncbi.nlm.nih.gov/pubmed/34847165>.
344. Steers NJ, Gupta Y, D'Agati VD, Lim TY, DeMaria N, Mo A, et al. GWAS in Mice Maps Susceptibility to HIV-Associated Nephropathy to the Ssbp2 Locus. *J Am Soc Nephrol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34893534>.
345. Stump C. Artificial intelligence aids intuition in mathematical discovery. *Nature*. 2021;600(7887):44-5. <https://www.ncbi.nlm.nih.gov/pubmed/34853454>.
346. Stutterheim SE, van Dijk M, Wang H, Jonas KJ. The worldwide burden of HIV in transgender individuals: An updated systematic review and meta-analysis. *PLoS One*. 2021;16(12):e0260063. <https://www.ncbi.nlm.nih.gov/pubmed/34851961>.
347. Sumner C, Kotani O, Liu S, Musier-Forsyth K, Sato H, Ono A. Molecular determinants in tRNA D-arm required for inhibition of HIV-1 Gag membrane binding. *J Mol Biol*. 2021:167390. <https://www.ncbi.nlm.nih.gov/pubmed/34883117>.
348. Sumner L, Kamitani E, Chase S, Wang Y. A systematic review and meta-analysis of mortality in anal cancer patients by HIV status. *Cancer Epidemiol*. 2021;76:102069. <https://www.ncbi.nlm.nih.gov/pubmed/34864578>.
349. Sun C, Li J, Liu X, Zhang Z, Qiu T, Hu H, et al. HIV/AIDS late presentation and its associated factors in China from 2010 to 2020: a systematic review and meta-analysis. *AIDS Res Ther*. 2021;18(1):96. <https://www.ncbi.nlm.nih.gov/pubmed/34895254>.
350. Tang J, Zheng Y, Yu Z, Zhang D, Yu X, Ren J, et al. Evaluation of an AIDS educational mobile game (AIDS Fighter . Health Defense) for young students to improve AIDS-related knowledge, stigma and attitude of high-risk behaviors in China: A Randomized Controlled Trial. *JMIR Serious Games*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34870603>.
351. Taniguchi J, Nakashima K, Matsui H, Watari T, Otsuki A, Ito H, et al. Low cut-off value of serum (1,3)-beta-D-glucan for the diagnosis of Pneumocystis pneumonia in non-HIV patients: a retrospective cohort study. *BMC Infect Dis*. 2021;21(1):1200. <https://www.ncbi.nlm.nih.gov/pubmed/34844554>.
352. The Lancet H. Time to end discriminatory laws against people with HIV. *Lancet HIV*. 2021;8(12):e729. <https://www.ncbi.nlm.nih.gov/pubmed/34856176>.
353. The Lancet Healthy L. No more band-aids: health-care system reform. *Lancet Healthy Longev*. 2021;2(12):e773. <https://www.ncbi.nlm.nih.gov/pubmed/34873590>.
354. Thirumurthy H, Bair EF, Ochwal P, Marcus N, Putt M, Maman S, et al. The effect of providing women sustained access to HIV self-tests on male partner testing, couples testing, and HIV incidence in Kenya: a cluster-randomised trial. *Lancet HIV*. 2021;8(12):e736-e46. <https://www.ncbi.nlm.nih.gov/pubmed/34856179>.

355. Thompson MA, Horberg MA, Agwu AL, Colasanti JA, Jain MK, Short WR, et al. Erratum to: Primary Care Guidance for Persons With Human Immunodeficiency Virus: 2020 Update by the HIV Medicine Association of the Infectious Diseases Society of America. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34878522>.
356. Tilburt JC, Zahrieh D, Pacyna JE, Petereit DG, Kaur JS, Rapkin BD, et al. Decision aids for localized prostate cancer in diverse minority men: Primary outcome results from a multicenter cancer care delivery trial (Alliance A191402CD). *Cancer*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34890060>.
357. Tippet Barr BA, Lowrance D, Johnson CC, Baggaley RC, Rogers JH, Balachandra SK, et al. Treatment-adjusted prevalence to assess HIV testing programmes. *Bull World Health Organ*. 2021;99(12):874-82. <https://www.ncbi.nlm.nih.gov/pubmed/34866683>.
358. Titanji BK, Tejani M, Farber EW, Mehta CC, Pace TW, Meagley K, et al. Cognitively-Based Compassion Training for HIV Immune Non-responders - An Attention-Placebo Randomized Controlled Trial. *J Acquir Immune Defic Syndr*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34879006>.
359. Tomescu S, Crompton T, Adebayo J, Kinge CW, Akpan F, Rennick M, et al. Factors associated with an interruption in treatment of people living with HIV in USAID-supported states in Nigeria: a retrospective study from 2000-2020. *BMC Public Health*. 2021;21(1):2194. <https://www.ncbi.nlm.nih.gov/pubmed/34847909>.
360. Trepka MJ, Dawit R, Fernandez SB, Sheehan DM, Degarege A, Li T, et al. Social disorganization and new HIV diagnoses, 2013-2017, Florida: Rural-urban differences. *J Rural Health*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34861068>.
361. Tucker JD, Iwelunmor J, Abrams E, Donenberg G, Wilson EC, Blachman-Demner D, et al. Accelerating adolescent HIV research in low-income and middle-income countries: evidence from a research consortium. *AIDS*. 2021;35(15):2503-11. <https://www.ncbi.nlm.nih.gov/pubmed/34870930>.
362. Tunje A, Jerene D, Kristensson Hallstrom I. Antiretroviral Therapy and Retention in Care Experiences and Needs of Adolescents Living with HIV in Southern Ethiopia. *HIV/AIDS (Auckl)*. 2021;13:999-1007. <https://www.ncbi.nlm.nih.gov/pubmed/34858061>.
363. Uchoa DC, Pontes FS, Souza LL, Santos GS, Prado-Ribeiro AC, Brandao TB, et al. HIV-related non-Hodgkin lymphomas affecting the oral cavity: a clinicopathologic study of 11 cases. *Med Oral Patol Oral Cir Bucal*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34874927>.
364. van den Berg OE, Shaddock EJ, Stacey SL, Feldman C, Barth RE, Grobbee DE, et al. The influence of HIV infection and antiretroviral treatment on pulmonary function in individuals in an urban setting in sub-Saharan Africa. *South Afr J HIV Med*. 2021;22(1):1312. <https://www.ncbi.nlm.nih.gov/pubmed/34858656>.
365. Van Ommen CE, King EM, Murray MCM. Age at menopause in women living with HIV: a systematic review. *Menopause*. 2021;28(12):1428-36. <https://www.ncbi.nlm.nih.gov/pubmed/34854838>.

366. Vance DE, Pope CN, Fazeli PL, Azuero A, Frank JS, Wadley VG, et al. A Randomized Clinical Trial on the Impact of Individually Targeted Computerized Cognitive Training on Quality of Life Indicators in Adults With HIV-Associated Neurocognitive Disorder in the Southeastern United States. *J Assoc Nurses AIDS Care*. 2021.  
<https://www.ncbi.nlm.nih.gov/pubmed/34864757>.
367. Virata MD, Shenoi SV, Ladines-Lim J, Villanueva MS, Barakat LA. Cumulative burden of non-communicable diseases predicts COVID hospitalization among people with HIV: A one-year retrospective cohort study. *PLoS One*. 2021;16(12):e0260251.  
<https://www.ncbi.nlm.nih.gov/pubmed/34851963>.
368. Vrana-Diaz CJ, Korte JE, Gebregziabher M, Richey L, Selassie A, Sweat M, et al. Low acceptance of intimate partner violence by pregnant women in Uganda predicts higher uptake of HIV self-testing among their male partners. *Afr J AIDS Res*. 2021;20(4):287-96.  
<https://www.ncbi.nlm.nih.gov/pubmed/34905449>.
369. Vueba AN, Almendra R, Santana P, Faria C, do Ceu Sousa M. Prevalence of HIV and hepatitis B virus among pregnant women in Luanda (Angola): geospatial distribution and its association with socio-demographic and clinical-obstetric determinants. *Virology*. 2021;18(1):239.  
<https://www.ncbi.nlm.nih.gov/pubmed/34863183>.
370. Wallace DR. HIV-associated neurotoxicity and cognitive decline: Therapeutic implications. *Pharmacol Ther*. 2021;108047. <https://www.ncbi.nlm.nih.gov/pubmed/34848202>.
371. Wang R, Belew AT, Achuthan V, El Sayed N, DeStefano JJ. Physiological magnesium concentrations increase fidelity of diverse reverse transcriptases from HIV-1, HIV-2, and foamy virus, but not MuLV or AMV. *J Gen Virol*. 2021;102(12).  
<https://www.ncbi.nlm.nih.gov/pubmed/34904939>.
372. Wang R, Zheng Q. Multiple Molecular Dynamics Simulations and Free-Energy Predictions Uncover the Susceptibility of Variants of HIV-1 Protease against Inhibitors Darunavir and KNI-1657. *Langmuir*. 2021;37(49):14407-18.  
<https://www.ncbi.nlm.nih.gov/pubmed/34851643>.
373. Wang S, Wang J, Xu P, Lyu W, Han M. Spatial Analysis of HIV/AIDS Cases Among Out-of-School Youth Aged 15-24 Years - China, 2010-2020. *China CDC Wkly*. 2021;3(48):1015-7. <https://www.ncbi.nlm.nih.gov/pubmed/34888117>.
374. Wang X, Wang Q, Wang C, Zhang T, Li Z, Ma Z, et al. Prevention of Mother-To-Child Transmission of HIV - China, 2011-2020. *China CDC Wkly*. 2021;3(48):1018-21.  
<https://www.ncbi.nlm.nih.gov/pubmed/34888118>.
375. Wang Y, Deng K. Environmental Risk Factors for Talaromycosis Hospitalizations of HIV-Infected Patients in Guangzhou, China: Case Crossover Study. *Front Med (Lausanne)*. 2021;8:731188. <https://www.ncbi.nlm.nih.gov/pubmed/34881254>.

376. Wanjala SW, Ssewanyana D, Mwangala PN, Nasambu C, Chongwo E, Luchters S, et al. Validity, reliability, and measurement invariance of an adapted short version of the HIV stigma scale among perinatally HIV infected adolescents at the Kenyan coast. *Glob Health Res Policy*. 2021;6(1):49. <https://www.ncbi.nlm.nih.gov/pubmed/34893093>.
377. Ward Z, Stone J, Bishop C, Ivakin V, Eritsyan K, Deryabina A, et al. Costs and impact on HIV transmission of a switch from a criminalisation to a public health approach to injecting drug use in eastern Europe and central Asia: a modelling analysis. *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34895484>.
378. Wensel D, Williams S, Dixon DP, Ward P, McCormick P, Concha N, et al. Novel Bent Conformation of CD4 Induced by HIV-1 Inhibitor Indirectly Prevents Productive Viral Attachment. *J Mol Biol*. 2021;167395. <https://www.ncbi.nlm.nih.gov/pubmed/34896364>.
379. Wiessing L, Kalamara E, Stone J, Altan P, Van Baelen L, Fotiou A, et al. Univariable associations between a history of incarceration and HIV and HCV prevalence among people who inject drugs across 17 countries in Europe 2006 to 2020 - is the precautionary principle applicable? *Euro Surveill*. 2021;26(49). <https://www.ncbi.nlm.nih.gov/pubmed/34886941>.
380. Winston N, Swanson B, Fogg LF, Capuano AW, Wilbur J, Barnes LL. Physical Activity and Cognitive Function in African American Older Adults Living With HIV. *J Gerontol Nurs*. 2021;47(12):27-34. <https://www.ncbi.nlm.nih.gov/pubmed/34846255>.
381. Woldesenbet S, Kufa T, Lombard C, Manda S, Morof D, Cheyip M, et al. The prevalence of unintended pregnancy and its association with HIV status among pregnant women in South Africa, a national antenatal survey, 2019. *Sci Rep*. 2021;11(1):23740. <https://www.ncbi.nlm.nih.gov/pubmed/34887462>.
382. Wolford-Clevenger C, Sisson ML, Schiavon SP, Rynda M, Cropsey KL. Psychiatric Disorders and HIV Drug Risk Behaviors Among Individuals Under Community Correctional Supervision. *J Correct Health Care*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34905398>.
383. Wright PM. Developing Community-Based Palliative Care Services for People Living with HIV in Africa. *J Christ Nurs*. 2022;39(1):52-6. <https://www.ncbi.nlm.nih.gov/pubmed/34860767>.
384. Wu S, Zhang Y, Ming F, Zou S, Wu M, Guo W, et al. Adverse events of inactivated COVID-19 vaccine in HIV-infected adults. *AIDS Res Ther*. 2021;18(1):92. <https://www.ncbi.nlm.nih.gov/pubmed/34863210>.
385. Yakasai AM, Maharaj S, Danazumi MS. Strength exercise for balance and gait in HIV-associated distal symmetrical polyneuropathy: A randomised controlled trial. *South Afr J HIV Med*. 2021;22(1):1268. <https://www.ncbi.nlm.nih.gov/pubmed/34858651>.
386. Yanavich C, Perazzo H, Li F, Tobin N, Lee D, Zabih S, et al. A pilot study of microbial signatures of liver disease in those with HIV mono-infection in Rio de Janeiro, Brazil. *AIDS*. 2022;36(1):49-58. <https://www.ncbi.nlm.nih.gov/pubmed/34873092>.

387. Yaseen MM, Abuharfeil NM, Darmani H. Anatomical Distribution of Myeloid-Derived Suppressor Cells During HIV Infection. *Viral Immunol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34851737>.
388. Yee LM, Kacanek D, Brightwell C, Haddad LB, Jao J, Powis KM, et al. Marijuana, Opioid, and Alcohol Use Among Pregnant and Postpartum Individuals Living With HIV in the US. *JAMA Netw Open.* 2021;4(12):e2137162. <https://www.ncbi.nlm.nih.gov/pubmed/34860242>.
389. Yermak I, Anastuyk S, Kravchenko A, Helbert W, Glazunov V, Shulgin A, et al. New Insights into the Structure of Kappa/Beta-Carrageenan: A Novel Potential Inhibitor of HIV-1. *Int J Mol Sci.* 2021;22(23). <https://www.ncbi.nlm.nih.gov/pubmed/34884718>.
390. Youn I, Cheong MJ, Kim J, Kim SI, Kim HK, Kwon M, et al. Understanding the experiences and perception of people living with HIV on integrative traditional East Asian medicine management in Korea: an interview protocol for qualitative research. *BMJ Open.* 2021;11(12):e051880. <https://www.ncbi.nlm.nih.gov/pubmed/34887276>.
391. Young-Wolff KC, Marcus JL, Satre DD. Cannabis Use and Patient-Centered Care During Pregnancy and Post Partum Among People Living With HIV. *JAMA Netw Open.* 2021;4(12):e2137588. <https://www.ncbi.nlm.nih.gov/pubmed/34860248>.
392. Yu W, Jacobson DL, Williams PL, Patel K, Geffner ME, van Dyke RB, et al. Growth patterns of uninfected children born to women living with perinatally- versus non-perinatally-acquired HIV. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34860195>.
393. Yu W, Wu X, Zhao Y, Chen C, Yang Z, Zhang X, et al. Computational Simulation of HIV Protease Inhibitors to the Main Protease (Mpro) of SARS-CoV-2: Implications for COVID-19 Drugs Design. *Molecules.* 2021;26(23). <https://www.ncbi.nlm.nih.gov/pubmed/34885967>.
394. Yuan S, Chen X, Lin H, Shi R, Li J, Xu L, et al. Interaction of declined handgrip strength and HIV infection on neurocognitive impairment. *J Neurovirol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34873670>.
395. Yusuf HE, Knott-Grasso MA, Anderson J, Livingston A, Rosenblum N, Sturdivant H, et al. Experience and Outcomes of Breastfed Infants of Women Living With HIV in the United States: Findings From a Single-Center Breastfeeding Support Initiative. *J Pediatric Infect Dis Soc.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34888664>.
396. Zaongo SD, Sun F, Chen Y. Are HIV-1-Specific Antibody Levels Potentially Useful Laboratory Markers to Estimate HIV Reservoir Size? A Review. *Front Immunol.* 2021;12:786341. <https://www.ncbi.nlm.nih.gov/pubmed/34858439>.
397. Zhan J, Fu G, Wu L, Pan M, Yang Y, Chen Z, et al. Inequities in the utilization of HIV counseling and testing services among undergraduates in mainland China. *BMC Public Health.* 2021;21(1):2216. <https://www.ncbi.nlm.nih.gov/pubmed/34863130>.

398. Zhang P, Narayanan E, Liu Q, Tsybovsky Y, Boswell K, Ding S, et al. A multiclade env-gag VLP mRNA vaccine elicits tier-2 HIV-1-neutralizing antibodies and reduces the risk of heterologous SHIV infection in macaques. *Nat Med*. 2021;27(12):2234-45. <https://www.ncbi.nlm.nih.gov/pubmed/34887575>.
399. Zhang Z, Zhang L, Shen Y. Identification of immune features of HIV-infected patients with antiretroviral therapy through bioinformatics analysis. *Virology*. 2021;566:69-74. <https://www.ncbi.nlm.nih.gov/pubmed/34875552>.
400. Zhao H, Wang H, Li H, Zheng W, Yuan T, Feng A, et al. Uptake and adverse reactions of COVID-19 vaccination among people living with HIV in China: a case-control study. *Hum Vaccin Immunother*. 2021:1-7. <https://www.ncbi.nlm.nih.gov/pubmed/34890516>.
401. Zhao T, Xu XL, Lu YQ, Liu M, Yuan J, Nie JM, et al. The Effect of Early vs. Deferred Antiretroviral Therapy Initiation in HIV-Infected Patients With Cryptococcal Meningitis: A Multicenter Prospective Randomized Controlled Analysis in China. *Front Med (Lausanne)*. 2021;8:779181. <https://www.ncbi.nlm.nih.gov/pubmed/34869498>.
402. Zheng W, Sun Y, Li H, Zhao H, Zhan Y, Gao Y, et al. COVID-19 vaccine uptake and hesitancy among HIV-infected men who have sex with men in mainland China: a cross-sectional survey. *Hum Vaccin Immunother*. 2021:1-11. <https://www.ncbi.nlm.nih.gov/pubmed/34890297>.
403. Zhou W, Deng W, Luo J, Bai Y, He Z, Wang H. Predictors for HIV testing among Chinese workers in infrastructure construction enterprises in Kenya. *BMC Public Health*. 2021;21(1):2213. <https://www.ncbi.nlm.nih.gov/pubmed/34863140>.
404. Zhu J, Wu X. Save young lives by determining causes of children death stratified by HIV status in resource-constrained countries. *AIDS*. 2022;36(1):149-51. <https://www.ncbi.nlm.nih.gov/pubmed/34873094>.
405. Zou X, He J, Zheng J, Liang M, Gao J, Huang J, et al. Evaluation of effectiveness, safety and cost-benefit of the 23- valent pneumococcal capsular polysaccharide vaccine for HIV-Infected patients. *Vaccine*. 2022;40(1):37-42. <https://www.ncbi.nlm.nih.gov/pubmed/34857419>.
406. Zuniga JM, Responses IA-LHCotFoUH. Charting a course for public health leadership by cities on HIV, tuberculosis, and viral hepatitis. *Lancet HIV*. 2021;8(12):e732-e3. <https://www.ncbi.nlm.nih.gov/pubmed/34856178>.

our other publications...



information is power

NIRT Library  
National Institute for Research in Tuberculosis  
(Indian Council of Medical Research)  
1, Mayor Sathyamoorthy Road  
Chetpet, Chennai 600031  
Tel: 91 44 28369637 | Fax: 91 44 28362525  
Email: [nirtlibrary@nirt.res.in](mailto:nirtlibrary@nirt.res.in)