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HIV MONITOR

National Institute for Research in Tuberculosis

1. Correction to Lancet HIV 2021; 8: e197-205. *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34242614>.
2. Aarons GA, Reeder K, Sam-Agudu NA, Vorkoper S, Sturke R. Correction to: Implementation determinants and mechanisms for the prevention and treatment of adolescent HIV in sub-Saharan Africa: concept mapping of the NIH Fogarty International Center Adolescent HIV Implementation Science Alliance (AHISA) initiative. *Implement Sci Commun*. 2021;2(1):75. <https://www.ncbi.nlm.nih.gov/pubmed/34233756>.
3. Abdu M, Walegn B. Determinant factors for adherence to antiretroviral therapy among adult HIV patients at Dessie Referral Hospital, South Wollo, Northeast Ethiopia: a case-control study. *AIDS Res Ther*. 2021;18(1):39. <https://www.ncbi.nlm.nih.gov/pubmed/34256788>.
4. Abdullah MA, Shaikh BT, Ghazanfar H. Curing or causing? HIV/AIDS in health care system of Punjab, Pakistan. *PLoS One*. 2021;16(7):e0254476. <https://www.ncbi.nlm.nih.gov/pubmed/34242371>.
5. Achhra AC, Lyass A, Borowsky L, Bogorodskaya M, Plutzky J, Massaro JM, et al. Assessing Cardiovascular Risk in People Living with HIV: Current Tools and Limitations. *Curr HIV/AIDS Rep*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34247329>.
6. Adeyemi OA, Mitchell A, Shutt A, Crowell TA, Ndembi N, Kokogho A, et al. Hepatitis B virus infection among men who have sex with men and transgender women living with or at risk for HIV: a cross sectional study in Abuja and Lagos, Nigeria. *BMC Infect Dis*. 2021;21(1):654. <https://www.ncbi.nlm.nih.gov/pubmed/34229613>.
7. Agarwal N, Iyer D, Saha P, Cox AR, Xia Y, Utay NS, et al. HIV-1 Viral Protein R couples metabolic inflexibility with white adipose tissue thermogenesis. *Diabetes*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34233931>.
8. Ahmadi Gharaei H, Fararouei M, Mirzazadeh A, Sharifnia G, Rohani-Rasaf M, Bastam D, et al. The global and regional prevalence of hepatitis C and B co-infections among prisoners living with HIV: a systematic review and meta-analysis. *Infect Dis Poverty*. 2021;10(1):93. <https://www.ncbi.nlm.nih.gov/pubmed/34210349>.
9. Akgun KM, Krishnan S, Butt AA, Gibert CL, Graber CJ, Huang L, et al. HIV-infected medical ICU (MICU) survivors without CD4 cell recovery are at increased risk for poor outcomes regardless of viral suppression in a national cohort. *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34261095>.
10. Akullian A, Vandormael A, Miller JC, Bershteyn A, Wenger E, Cuadros D, et al. Large age shifts in HIV-1 incidence patterns in KwaZulu-Natal, South Africa. *Proc Natl Acad Sci U S A*. 2021;118(28). <https://www.ncbi.nlm.nih.gov/pubmed/34244424>.
11. AlBurtamani N, Paul A, Fassati A. The Role of Capsid in the Early Steps of HIV-1 Infection: New Insights into the Core of the Matter. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34204384>.
12. Alexandre M, Prague M, Thiebaut R. Between-group comparison of area under the curve in clinical trials with censored follow-up: Application to HIV therapeutic vaccines. *Stat Methods Med Res*. 2021;9622802211023963. <https://www.ncbi.nlm.nih.gov/pubmed/34218746>.

13. Alfadhli A, Romanaggi C, Barklis RL, Merutka I, Bates TA, Tafesse FG, et al. Capsid-specific nanobody effects on HIV-1 assembly and infectivity. *Virology*. 2021;562:19-28. <https://www.ncbi.nlm.nih.gov/pubmed/34246112>.
14. Ali A, Mishra R, Kaur H, Chandra Banerjea A. HIV-1 Tat: An update on transcriptional and non-transcriptional functions. *Biochimie*. 2021;190:24-35. <https://www.ncbi.nlm.nih.gov/pubmed/34242726>.
15. Aliyu GG, Aliyu SH, Ehoche A, Dongarwar D, Yusuf RA, Aliyu MH, et al. The Burden of HIV, Hepatitis B and Hepatitis C by Armed Conflict Setting: The Nigeria AIDS Indicator and Impact Survey, 2018. *Ann Glob Health*. 2021;87(1):53. <https://www.ncbi.nlm.nih.gov/pubmed/34221906>.
16. Al-Mendalawi MD. Is the HIV Seroprevalence among Iraqi Patients with beta-thalassemia Major Underestimated or not Prevalent? *Oman Med J*. 2021;36(3):e277. <https://www.ncbi.nlm.nih.gov/pubmed/34239717>.
17. Anand SP, Ding S, Tolbert WD, Prevost J, Richard J, Gil HM, et al. Enhanced ability of plant-derived PGT121 glycovariants to eliminate HIV-1-infected cells. *J Virol*. 2021;JV10079621. <https://www.ncbi.nlm.nih.gov/pubmed/34232070>.
18. Ang CG, Carter E, Haftl A, Zhang S, Rashad AA, Kutzler M, et al. Peptide Triazole Thiol Irreversibly Inactivates Metastable HIV-1 Env by Accessing Conformational Triggers Intrinsic to Virus-Cell Entry. *Microorganisms*. 2021;9(6). <https://www.ncbi.nlm.nih.gov/pubmed/34204725>.
19. Ang LW, Toh M, Wong CS, Boudville IC, Archuleta S, Lee VJM, et al. Short-term mortality from HIV-infected persons diagnosed from 2012 to 2016: Impact of late diagnosis of HIV infection. *Medicine (Baltimore)*. 2021;100(26):e26507. <https://www.ncbi.nlm.nih.gov/pubmed/34190180>.
20. Auchus IC, Jaradeh K, Tang A, Marzan J, Boslett B. Transitioning to Telehealth During the COVID-19 Pandemic: Patient Perspectives and Attendance at an HIV Clinic in San Francisco. *AIDS Patient Care STDS*. 2021;35(7):249-54. <https://www.ncbi.nlm.nih.gov/pubmed/34242090>.
21. Aung HNY, Riewpaiboon A, Sunantiwat M, Thavorncharoensap M, Hone S. Economic burden on people living with HIV who attend self-help groups in Yangon, Myanmar. *Health Soc Care Community*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34216061>.
22. Ayele AD, Kassa BG, Beyene FY, Sewyew DA, Mihretie GN. Dual contraceptive utilization and determinant factors among HIV positive women in Ethiopia: a systematic review and meta-analysis, 2020. *Contracept Reprod Med*. 2021;6(1):19. <https://www.ncbi.nlm.nih.gov/pubmed/34193304>.
23. Azatyan V, Yessayan L, Aznauryan A, Porkeshyan K. [Oral Health Status in Hiv-Positive Patients]. *Georgian Med News*. 2021(314):56-63. <https://www.ncbi.nlm.nih.gov/pubmed/34248028>.
24. Baesi K, Velayati AA, Ashtiani MF, Fakhredini K, Banifazl M, Larijani MS, et al. Prevalence of Naturally Occurring Resistance Associated Substitutions in NS3/4A Protease Inhibitors in Iranian HCV/HIV Infected Patients. *Curr HIV Res*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34238162>.

25. Bai X, Narayanan A, Nowak P, Ray S, Neogi U, Sonnerborg A. Whole-Genome Metagenomic Analysis of the Gut Microbiome in HIV-1-Infected Individuals on Antiretroviral Therapy. *Front Microbiol.* 2021;12:667718. <https://www.ncbi.nlm.nih.gov/pubmed/34248876>.
26. Bajdechi M, Mihai C, Scafa-Udriste A, Cherry A, Zamfir D, Dumitru I, et al. Severe Coronary Artery Disease in a Person Living with HIV. *Medicina (Kaunas).* 2021;57(6). <https://www.ncbi.nlm.nih.gov/pubmed/34200527>.
27. Balachandran N, Ntiri M, Duque J, Addo C, Edu-Quansah E, Badji E, et al. Incidence of Laboratory-Confirmed Influenza among HIV-Infected versus HIV-Uninfected Individuals in Two Districts of Ghana, 2014 to 2016. *Am J Trop Med Hyg.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34228633>.
28. Banati P, Idele P. Addressing the Mental and Emotional Health Impacts of COVID-19 on Children and Adolescents: Lessons From HIV/AIDS. *Front Psychiatry.* 2021;12:589827. <https://www.ncbi.nlm.nih.gov/pubmed/34239454>.
29. Banday AZ, Nataraj L, Jindal AK, Kaur H, Gummadi A, Sharma M, et al. False-positive HIV serology, *Candida lusitanae* pneumonia, and a novel mutation in the CYBB gene. *Immunobiology.* 2021;226(4):152110. <https://www.ncbi.nlm.nih.gov/pubmed/34242877>.
30. Bansal A, Gehre MN, Qin K, Sterrett S, Ali A, Dang Y, et al. HLA-E-restricted HIV-1-specific CD8+ T cell responses in natural infection. *J Clin Invest.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34228645>.
31. Barasa E, Shaviya N, Budambula V, Were T. rs1445776009 variants in the human ALB gene: Association with serum albumin and clinical outcomes in HIV-infected Kenyan injection substance users. *Int J Health Sci (Qassim).* 2021;15(3):3-11. <https://www.ncbi.nlm.nih.gov/pubmed/34234630>.
32. Barker DH, Dahabreh IJ, Steingrimsson JA, Houck C, Donenberg G, DiClemente R, et al. Causally Interpretable Meta-analysis: Application in Adolescent HIV Prevention. *Prev Sci.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34241752>.
33. Barr D, G PG, Mayer KH, Morrison M. Key populations are the future of the African HIV/AIDS pandemic. *J Int AIDS Soc.* 2021;24 Suppl 3:e25750. <https://www.ncbi.nlm.nih.gov/pubmed/34189865>.
34. Batte C, Mukisa J, Rykiel N, Mukunya D, Checkley W, Knauf F, et al. Acceptability of patient-centered hypertension education delivered by community health workers among people living with HIV/AIDS in rural Uganda. *BMC Public Health.* 2021;21(1):1343. <https://www.ncbi.nlm.nih.gov/pubmed/34233648>.
35. Beckham SW, Stockton M, Galai N, Davis W, Mwambo J, Likindikoki S, et al. Family planning use and correlates among female sex workers in a community empowerment HIV prevention intervention in Iringa, Tanzania: a case for tailored programming. *BMC Public Health.* 2021;21(1):1377. <https://www.ncbi.nlm.nih.gov/pubmed/34247614>.

36. Beltran LF, Davis DA, Barrington C, Castro M, Perez D. 'I did not get this disease on the street; it was brought home as a gift': Gender, violence and HIV vulnerability among Cuban women. *Cult Health Sex.* 2021:1-15. <https://www.ncbi.nlm.nih.gov/pubmed/34254895>.
37. Berger A, James TG, Ryan SJ. HIV-Related Stigma Moderates the Relation Between Perceived Susceptibility and HIV Testing Intention Among Heterosexual (but Not Sexual Minority) College Students. *Health Promot Pract.* 2021:15248399211024993. <https://www.ncbi.nlm.nih.gov/pubmed/34229464>.
38. Bermudez LG, Mulenga D, Musheke M, Mathur S. Intersections of financial agency, gender dynamics, and HIV risk: A qualitative study with adolescent girls and young women in Zambia. *Glob Public Health.* 2021:1-14. <https://www.ncbi.nlm.nih.gov/pubmed/34255608>.
39. Berry S, Scott J, Ball M, Minichiello V. Deploying nationalist discourses to reduce sex-, gender- and HIV-related stigma in Thailand. *Biosocieties.* 2021:1-19. <https://www.ncbi.nlm.nih.gov/pubmed/34226831>.
40. Bezboruah G, Narayan Dev C, Chakraborty A, Manjunatha. Anemia in HIV-Positive Children in a Tertiary Care Center in Northeast India: Prevalence and Risk Factors. *Indian J Pediatr.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34215943>.
41. Bhagavathula AS, Clark CCT, Sharma R, Chhabra M, Vidyasagar K, Chattu VK. Knowledge and attitude towards HIV/AIDS in India: A systematic review and meta-analysis of 47 studies from 2010-2020. *Health Promot Perspect.* 2021;11(2):148-60. <https://www.ncbi.nlm.nih.gov/pubmed/34195038>.
42. Bintabara D, Lilungulu A, Jumanne S, Nassoro MM, Mpondo BC. Does facility readiness promote high-quality of provider-initiated HIV testing and counseling to pregnant women? A national survey for improving policy of prevention of mother-to-child transmission of HIV in Tanzania. *AIDS Res Ther.* 2021;18(1):38. <https://www.ncbi.nlm.nih.gov/pubmed/34217319>.
43. Birhanu A, Dingeta T, Tolera M. Predictors of Mortality Among Adult HIV-Infected Patients Taking Antiretroviral Therapy (ART) in Harari Hospitals, Ethiopia. *HIV AIDS (Auckl).* 2021;13:727-36. <https://www.ncbi.nlm.nih.gov/pubmed/34239331>.
44. Blanco A, Mahajan T, Coronado RA, Ma K, Demma DR, Dar RD. Synergistic Chromatin-Modifying Treatments Reactivate Latent HIV and Decrease Migration of Multiple Host-Cell Types. *Viruses.* 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34201394>.
45. Blanco N, Lavoie MC, Koech E, Riedel DJ, Ngeno C, Adebajo S, et al. Re-Engagement into HIV Care: A Systematic Review. *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34245395>.
46. Bourgeois C, Gorwood J, Olivo A, Le Pelletier L, Capeau J, Lambotte O, et al. Contribution of Adipose Tissue to the Chronic Immune Activation and Inflammation Associated With HIV Infection and Its Treatment. *Front Immunol.* 2021;12:670566. <https://www.ncbi.nlm.nih.gov/pubmed/34220817>.

47. Bowman NM, Balasubramanian S, Gilman RH, Parobek C, Calderon M, Waltmann A, et al. Deep sequencing to detect diversity of *Trypanosoma cruzi* infection in patients co-infected with HIV and Chagas disease. *J Infect Dis.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34240175>.
48. Braksmajer A, London AS. 'It's history in the making all around us': examining COVID-19 through the lenses of HIV and epidemic history. *Cult Health Sex.* 2021;1-16. <https://www.ncbi.nlm.nih.gov/pubmed/34254890>.
49. Brandt LD, Guo S, Joseph KW, Jacobs JL, Naqvi A, Coffin JM, et al. Tracking HIV-1-Infected Cell Clones Using Integration Site-Specific qPCR. *Viruses.* 2021;13(7). <https://www.ncbi.nlm.nih.gov/pubmed/34202310>.
50. Bratt G, Brannstrom J, Missalidis C, Nystrom T. Development of type 2 diabetes and insulin resistance in people with HIV infection: Prevalence, incidence and associated factors. *PLoS One.* 2021;16(6):e0254079. <https://www.ncbi.nlm.nih.gov/pubmed/34191847>.
51. Bromberg DJ, Tate MM, Alaei A, Rozanova J, Karimov S, Saidi D, et al. "Who are You and What are You Doing Here?": Social Capital and Barriers to Movement along the HIV Care Cascade among Tajikistani Migrants with HIV to Russia. *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34195912>.
52. Bruno SR, Polisenio M, Vichi F, Esperti S, Di Biagio A, Berruti M, et al. General Practitioners as partners for a shared management of chronic HIV infection: An insight into the perspectives of Italian People Living with HIV. *PLoS One.* 2021;16(7):e0254404. <https://www.ncbi.nlm.nih.gov/pubmed/34242341>.
53. Budmann GA, Parisi FB, Ortiz GB, Cirillo MP, Catalano C, Lavaque EB. Anterior uveal fungal abscess in an HIV positive patient. *Arch Soc Esp Oftalmol (Engl Ed).* 2021;96(7):388-91. <https://www.ncbi.nlm.nih.gov/pubmed/34217478>.
54. Cai Q, Yuan R, He J, Li M, Guo Y. Predicting HIV drug resistance using weighted machine learning method at target protein sequence-level. *Mol Divers.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34241771>.
55. Calzo JP, Bogart LM, Bazo N, Francis E, Rybeck A, Mohamed K, et al. Feasibility and Acceptability of a Theater-Based HIV Prevention Workshop Developed by and for LGBTQ Youth. *Prog Community Health Partnersh.* 2021;15(2):189-201. <https://www.ncbi.nlm.nih.gov/pubmed/34248063>.
56. Carnimeo V, Pulido Tarquino IA, Fuentes S, Vaz D, Molfino L, Tamayo Antabak N, et al. High level of HIV drug resistance informs dolutegravir roll-out and optimized NRTI backbone strategy in Mozambique. *JAC Antimicrob Resist.* 2021;3(2):dlab050. <https://www.ncbi.nlm.nih.gov/pubmed/34223118>.
57. Castillo JJ, Lamacchia J, Silver J, Flynn CA, Sarosiek S. Complete response to pembrolizumab and radiation in a patient with HIV-negative, EBV-positive plasmablastic lymphoma. *Am J Hematol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34260089>.
58. Castro LA, Alvarez MI. Nail dermatophytoma in HIV-infected patients in Cali, Colombia. *J Mycol Med.* 2021;31(3):101172. <https://www.ncbi.nlm.nih.gov/pubmed/34247063>.

59. Caswell G, Dubula V, Baptiste S, Etya'ale H, Syarif O, Barr D. The continuing role of communities affected by HIV in sustained engagement in health and rights. *J Int AIDS Soc.* 2021;24 Suppl 3:e25724. <https://www.ncbi.nlm.nih.gov/pubmed/34189840>.
60. Cerveny L, Murthi P, Staud F. HIV in pregnancy: Mother-to-child transmission, pharmacotherapy, and toxicity. *Biochim Biophys Acta Mol Basis Dis.* 2021;1867(10):166206. <https://www.ncbi.nlm.nih.gov/pubmed/34197912>.
61. Chabala FW, Siew ED, Mutale W, Mulenga L, Mweemba A, Goma F, et al. Prognostic model for nephrotoxicity among HIV-positive Zambian adults receiving tenofovir disoproxil fumarate-based antiretroviral therapy. *PLoS One.* 2021;16(7):e0252768. <https://www.ncbi.nlm.nih.gov/pubmed/34252117>.
62. Chagomerana MB, Hosseinipour MC, Pilotto JH, Badal-Faesen S, Nyirenda M, Shava E, et al. Sexually transmitted infections among HIV serodiscordant partners: A secondary analysis of HIV Prevention Trial Network 052. *Int J STD AIDS.* 2021;9564624211030368. <https://www.ncbi.nlm.nih.gov/pubmed/34233535>.
63. Chalouni M, Wittkop L, Bani-Sadr F, Lacombe K, Esterle L, Gilbert C, et al. Risk of severe clinical events after sustained virological response following direct-acting antiviral therapy in HIV and hepatitis C virus coinfecting participants. *HIV Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34212476>.
64. Chan KH, Ramahi A, Lim SL, Ahmed E, Suleiman A, Slim J, et al. Left ventricular thrombus complicated by acute limb ischemia in a patient with HIV. *Radiol Case Rep.* 2021;16(9):2416-20. <https://www.ncbi.nlm.nih.gov/pubmed/34257771>.
65. Chaves YO, Pereira FR, de Souza Pinheiro R, Batista DRL, da Silva Balieiro AA, de Lacerda MVG, et al. High Detection Rate of HIV Drug Resistance Mutations among Patients Who Fail Combined Antiretroviral Therapy in Manaus, Brazil. *Biomed Res Int.* 2021;2021:5567332. <https://www.ncbi.nlm.nih.gov/pubmed/34212033>.
66. Chen YH, Farnham PG, Hicks KA, Sansom SL. Estimating the HIV Effective Reproduction Number in the United States and Evaluating HIV Elimination Strategies. *J Public Health Manag Pract.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34225307>.
67. Chenneville T, Drake H, Gabbidon K, Rodriguez C, Hightow-Weidman L. Bijou: Engaging Young MSM in HIV Care Using a Mobile Health Strategy. *J Int Assoc Provid AIDS Care.* 2021;20:23259582211030805. <https://www.ncbi.nlm.nih.gov/pubmed/34242100>.
68. Chia T, Nakamura T, Amano M, Takamune N, Matsuoka M, Nakata H. A small molecule, ACAi-028, with anti-HIV-1 activity targets a novel hydrophobic pocket on HIV-1 capsid. *Antimicrob Agents Chemother.* 2021:AAC0103921. <https://www.ncbi.nlm.nih.gov/pubmed/34228546>.
69. Choi Y, Grech S, Mohammadi A, Perry MC, Huibner S, Sano M, et al. Low-Level Anorectal HIV Shedding despite Effective Antiretroviral Therapy Is Not Driven by Mucosal Inflammation. *J Immunol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34215654>.

70. Chory A, Nyandiko W, Beigon W, Aluoch J, Ashimosi C, Munyoro D, et al. Perspectives of education sector stakeholders on a teacher training module to reduce HIV/AIDS stigma in Western Kenya. *BMC Public Health*. 2021;21(1):1281. <https://www.ncbi.nlm.nih.gov/pubmed/34193095>.
71. Covino DA, Desimio MG, Doria M. Combinations of Histone Deacetylase Inhibitors with Distinct Latency Reversing Agents Variably Affect HIV Reactivation and Susceptibility to NK Cell-Mediated Killing of T Cells That Exit Viral Latency. *Int J Mol Sci*. 2021;22(13). <https://www.ncbi.nlm.nih.gov/pubmed/34206330>.
72. Craddock JB, Mangum LC, Aidoo-Frimpong G, Whitfield DL. The Associations of HIV Pre-Exposure Prophylaxis Interest and Sexual Risk Behaviors Among Young Black Women. *AIDS Patient Care STDS*. 2021;35(7):263-70. <https://www.ncbi.nlm.nih.gov/pubmed/34242088>.
73. Cruz MLS, Darmont MQR, Monteiro SS. HIV-related stigma among young people living with HIV transitioning to an adult clinic in a public hospital in Rio de Janeiro, Brazil. *Cien Saude Colet*. 2021;26(7):2653-62. <https://www.ncbi.nlm.nih.gov/pubmed/34231678>.
74. Curtis KA, Rudolph DL, Pan Y, Delaney K, Anastos K, DeHovitz J, et al. Evaluation of the Abbott ARCHITECT HIV Ag/Ab combo assay for determining recent HIV-1 infection. *PLoS One*. 2021;16(7):e0242641. <https://www.ncbi.nlm.nih.gov/pubmed/34197451>.
75. Dahmani S, Kaliss N, VanMeter JW, Moore DJ, Ellis RJ, Jiang X. Alterations of Brain Metabolites in Adults With HIV: A Systematic Meta-analysis of Magnetic Resonance Spectroscopy Studies. *Neurology*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34253633>.
76. de Medeiros KS, da Silva LAS, Macedo LTA, Sarmiento AC, Costa APF, Eleuterio J, Jr., et al. Potential impact of the COVID-19 in HIV-infected individuals: a systematic review Impact of the COVID-19 in HIV-Infected Individuals. *Rev Assoc Med Bras (1992)*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34259769>.
77. Deane K, Wamoyi J, Mgunga S, Changanalucha J. HIV testing attitudes and practices amongst 'wealthy men': qualitative evidence from Tanzania. *Cult Health Sex*. 2021:1-15. <https://www.ncbi.nlm.nih.gov/pubmed/34254898>.
78. Debyser Z, Bruggemans A, Van Belle S, Janssens J, Christ F. LEDGINs, Inhibitors of the Interaction Between HIV-1 Integrase and LEDGF/p75, Are Potent Antivirals with a Potential to Cure HIV Infection. *Adv Exp Med Biol*. 2021;1322:97-114. <https://www.ncbi.nlm.nih.gov/pubmed/34258738>.
79. Dennis AM, Frost SDW, Enders K, Cressman AE, Volz E, Adams N, et al. HIV-1 Transmission linkages among persons with incident infection to inform public health surveillance. *EClinicalMedicine*. 2021;37:100968. <https://www.ncbi.nlm.nih.gov/pubmed/34195581>.
80. Dezanet LNC, Kassime R, Mialhes P, Lascoux-Combe C, Chas J, Maylin S, et al. Effect of viral replication and liver fibrosis on all-cause mortality in HIV/HBV coinfecting individuals: a retrospective analysis of a 15-year longitudinal cohort. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34197574>.

81. Diaz MM, Zacarias MG, Sotolongo P, Sanes MF, Franklin DJ, Marquine MJ, et al. Characterization of HIV-Associated Neurocognitive Impairment in Middle-Aged and Older Persons With HIV in Lima, Peru. *Front Neurol.* 2021;12:629257. <https://www.ncbi.nlm.nih.gov/pubmed/34220665>.
82. Diaz-Abad M, Robinett KS, Lasso-Pirot A, Legesse TB, Khambaty M. Granulomatous Pneumocystis jiroveci Pneumonia in an HIV-Positive Patient on Antiretroviral Therapy: A Diagnostic Challenge. *Open Respir Med J.* 2021;15:19-22. <https://www.ncbi.nlm.nih.gov/pubmed/34249178>.
83. Diress G, Addisu A, Endalifer ML. Effect of HIV-related knowledge on utilisation of voluntary HIV testing service among university students in Sub-Saharan Africa: a systematic review and meta-analysis protocol. *BMJ Open.* 2021;11(7):e045748. <https://www.ncbi.nlm.nih.gov/pubmed/34230017>.
84. Do Kwon Y, Wang XE, Bender MF, Yang R, Li Y, McKee K, et al. Structures of HIV-1 Neutralizing Antibody 10E8 Delineate the Mechanistic Basis of Its Multi-Peak Behavior on Size-Exclusion Chromatography. *Antibodies (Basel).* 2021;10(2). <https://www.ncbi.nlm.nih.gov/pubmed/34200826>.
85. Dominguez-Riscart J, Soria-Alcaide E, Mellado MJ, Sainz T. The Issue of Body Mass Index Increase in Adolescents Living With HIV on ART. *Pediatr Infect Dis J.* 2021;40(8):e319-e21. <https://www.ncbi.nlm.nih.gov/pubmed/34250982>.
86. Dong SXM, Vizeacoumar FS, Bhanumathy KK, Alli N, Gonzalez-Lopez C, Gajanayaka N, et al. Identification of novel genes involved in apoptosis of HIV-infected macrophages using unbiased genome-wide screening. *BMC Infect Dis.* 2021;21(1):655. <https://www.ncbi.nlm.nih.gov/pubmed/34233649>.
87. Dong Y, Li Z, Ding S, Liu S, Tang Z, Jia L, et al. HIV infection and risk of COVID-19 mortality: A meta-analysis. *Medicine (Baltimore).* 2021;100(26):e26573. <https://www.ncbi.nlm.nih.gov/pubmed/34190201>.
88. Dorce-Medard DJ, Okobi Md OE, Grieb DJ, Saunders DN, Harberger Md S. HIV Pre-exposure Prophylaxis in the LGBTQ Community: A Review of Practice and Places. *Cureus.* 2021;13(6):e15518. <https://www.ncbi.nlm.nih.gov/pubmed/34249580>.
89. Doria M, Zicari S, Cotugno N, Dominguez-Rodriguez S, Ruggiero A, Pascucci GR, et al. Early ART initiation during infancy preserves natural killer cells in young European adolescents living with HIV (CARMA cohort). *J Int AIDS Soc.* 2021;24(7):e25717. <https://www.ncbi.nlm.nih.gov/pubmed/34235857>.
90. Dougherty G, Abena T, Abesselo JP, Banda JN, Biyaga TP, Boccanera R, et al. Improving Services for HIV-Exposed Infants in Zambia and Cameroon Using a Quality Improvement Collaborative Approach. *Glob Health Sci Pract.* 2021;9(2):399-411. <https://www.ncbi.nlm.nih.gov/pubmed/34234027>.
91. Drewes J, Ebert J, Langer PC, Kleiber D, Gusy B. Correction to: Social inequalities in health-related quality of life among people aging with HIV/AIDS: the role of comorbidities and disease severity. *Qual Life Res.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34218414>.

92. Dreyer AJ, Nightingale S, Heaps-Woodruff JM, Henry M, Gouse H, Paul RH, et al. Rates of cognitive impairment in a South African cohort of people with HIV: variation by definitional criteria and lack of association with neuroimaging biomarkers. *J Neurovirol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34241815>.
93. Duan R, Zhang H, Wu A, Li C, Li L, Xu X, et al. Prevalence and risk factors for anogenital HPV infection and neoplasia among women living with HIV in China. *Sex Transm Infect.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34187906>.
94. Dube K, Kanazawa J, Taylor J, Dee L, Jones N, Roebuck C, et al. Ethics of HIV cure research: an unfinished agenda. *BMC Med Ethics.* 2021;22(1):83. <https://www.ncbi.nlm.nih.gov/pubmed/34193141>.
95. Duerr R, Crosse KM, Valero-Jimenez AM, Dittmann M. SARS-CoV-2 Portrayed against HIV: Contrary Viral Strategies in Similar Disguise. *Microorganisms.* 2021;9(7). <https://www.ncbi.nlm.nih.gov/pubmed/34198973>.
96. Duran Ramirez JJ, Ballouz T, Nguyen H, Kusejko K, Chaudron SE, Huber M, et al. Increasing Frequency and Transmission of HIV-1 Non-B Subtypes among Men Who Have Sex with Men in the Swiss HIV Cohort Study. *J Infect Dis.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34260728>.
97. Duthely LM, Sanchez-Covarrubias AP, Brown MR, Thomas TE, Montgomerie EK, Dale S, et al. Pills, PrEP, and Pals: Adherence, Stigma, Resilience, Faith and the Need to Connect Among Minority Women With HIV/AIDS in a US HIV Epicenter. *Front Public Health.* 2021;9:667331. <https://www.ncbi.nlm.nih.gov/pubmed/34235129>.
98. Eaton AD, Carusone SC, Ceranto A, Craig SL, Busch A, McCullagh JW. Training Peers to Ease Hospital Discharge: A Community-Clinical Partnership in Complex HIV Care. *Prog Community Health Partnersh.* 2021;15(2):225-60. <https://www.ncbi.nlm.nih.gov/pubmed/34248066>.
99. Edwards JK, Cole SR, Breger TL, Rudolph JE, Filiatreau LM, Buchacz K, et al. Mortality Among Persons Entering HIV Care Compared With the General U.S. Population : An Observational Study. *Ann Intern Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34224262>.
100. Edwards KM, Changilwa P, Waterman E, Bikeri C, Mweru C, Khayanje N, et al. A Promising Approach to Preventing Gender-Based Violence and HIV Among Slum-Dwelling Youth in Nairobi, Kenya. *Violence Against Women.* 2021:10778012211014562. <https://www.ncbi.nlm.nih.gov/pubmed/34247565>.
101. Edwards S, Fitzgerald L, Mutch A, Dean JA, Ford P, Howard C, et al. Views and preferences of people living with HIV about smoking, quitting and use of nicotine products. *Int J Drug Policy.* 2021;97:103349. <https://www.ncbi.nlm.nih.gov/pubmed/34252787>.
102. Egan KE, Caldwell GM, Eckmann MS. HIV Neuropathy-a Review of Mechanisms, Diagnosis, and Treatment of Pain. *Curr Pain Headache Rep.* 2021;25(8):55. <https://www.ncbi.nlm.nih.gov/pubmed/34236528>.
103. Ekeng BE, Edem K, Amamilo I, Panos Z, Denning D, Oladele RO. Histoplasmosis in Children; HIV/AIDS Not a Major Driver. *J Fungi (Basel).* 2021;7(7). <https://www.ncbi.nlm.nih.gov/pubmed/34209280>.

104. Ekwunife OI, Ofomata CJ, Okafor CE, Anetoh MU, Kalu SO, Ele PU, et al. Cost-effectiveness and feasibility of conditional economic incentives and motivational interviewing to improve HIV health outcomes of adolescents living with HIV in Anambra State, Nigeria. *BMC Health Serv Res.* 2021;21(1):685. <https://www.ncbi.nlm.nih.gov/pubmed/34247604>.
105. Elgalib A, Shah S, Al-Wahaibi A, Al-Habsi Z, Al-Fouri M, Lau R, et al. Disparities between HIV patient subgroups in Oman: An analysis of the 2019 cascade of care. *PLoS One.* 2021;16(7):e0254474. <https://www.ncbi.nlm.nih.gov/pubmed/34242337>.
106. Ellis C, Kruger HS, Viljoen M, Dave JA, Kruger MC. Factors Associated with Bone Mineral Density and Bone Resorption Markers in Postmenopausal HIV-Infected Women on Antiretroviral Therapy: A Prospective Cohort Study. *Nutrients.* 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34207469>.
107. Elvstam O, Marrone G, Medstrand P, Treutiger CJ, Svedhem V, Gisslen M, et al. Associations Between Plasma Human Immunodeficiency Virus (HIV) Ribonucleic Acid Levels and Incidence of Invasive Cancer in People With HIV After Initiation of Combination Antiretroviral Therapy. *Open Forum Infect Dis.* 2021;8(6):ofab131. <https://www.ncbi.nlm.nih.gov/pubmed/34189159>.
108. Ermel A, Tong Y, Tonui P, Orang'o O, Muthoka K, Wong N, et al. Longer duration of anti-retroviral therapy is associated with decreased risk of human papillomaviruses detection in Kenyan women living with HIV. *Int J STD AIDS.* 2021;9564624211030766. <https://www.ncbi.nlm.nih.gov/pubmed/34233531>.
109. Errea RA, Wong M, Senador L, Ramos A, Ramos K, Galea JT, et al. [Impact of SARS-CoV-2 pandemic on adolescents living with HIV in Lima, Peru]. *Rev Peru Med Exp Salud Publica.* 2021;38(1):153-8. <https://www.ncbi.nlm.nih.gov/pubmed/34190908>.
110. Etesami I, Kalantari Y, Ghanadan A, Rezayat A. Recurrent Kaposi sarcoma of the ear in an HIV-negative patient: A case report with review of the literature. Is ear a predilection site for Kaposi sarcoma in HIV-negatives? *Clin Case Rep.* 2021;9(7):e04516. <https://www.ncbi.nlm.nih.gov/pubmed/34257991>.
111. Eybpoosh S, Afshari M, Haghdoost AA, Afsar Kazerooni P, Gouya MM, Tayeri K. Severity and mortality of COVID-19 infection in HIV-infected individuals: Preliminary findings from Iran. *Med J Islam Repub Iran.* 2021;35:33. <https://www.ncbi.nlm.nih.gov/pubmed/34211935>.
112. Faraji A, Namazi N, Doryanizadeh L, Raeisi Shahraki H. Evaluating Quality of Life and Marital Contentment among Seroconcordant and Serodiscordant HIV-Infected Couples in Comparison to Non- HIV Couples. *Int J Community Based Nurs Midwifery.* 2021;9(3):251-64. <https://www.ncbi.nlm.nih.gov/pubmed/34222545>.
113. Fardoos R, Asowata OE, Herbert N, Nyquist SK, Zungu Y, Singh A, et al. HIV infection drives interferon signalling within intestinal SARS-CoV-2 target cells. *JCI Insight.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34252054>.
114. Faryar KA, Henderson H, Wilson JW, Hansoti B, May LS, Schechter-Perkins EM, et al. COVID-19 and beyond: Lessons learned from emergency department HIV screening for population-based screening in healthcare settings. *J Am Coll Emerg Physicians Open.* 2021;2(3):e12468. <https://www.ncbi.nlm.nih.gov/pubmed/34189516>.

115. Ferreira FA, He Q, Banning S, Roberts-Sano O, Wilkins O, Kuritzkes DR, et al. HIV-1 proviral landscape characterization varies by pipeline analysis. *J Int AIDS Soc.* 2021;24(7):e25725. <https://www.ncbi.nlm.nih.gov/pubmed/34235860>.
116. Ferreyra C, Moreto-Planas L, Wagbo Temessadouno F, Alonso B, Tut B, Achut V, et al. Evaluation of a community-based HIV test and start program in a conflict affected rural area of Yambio County, South Sudan. *PLoS One.* 2021;16(7):e0254331. <https://www.ncbi.nlm.nih.gov/pubmed/34252129>.
117. Fischer W, Giorgi EE, Chakraborty S, Nguyen K, Bhattacharya T, Theiler J, et al. HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. *Cell Host Microbe.* 2021;29(7):1093-110. <https://www.ncbi.nlm.nih.gov/pubmed/34242582>.
118. Fisher MC, Fazzari MJ, Hanna DB, Patel VV, Felsen UR, Alahiri E, et al. Brief Report: Acute Kidney Injury in People Living With HIV Hospitalized With Coronavirus Disease 2019: Clinical Characteristics and Outcomes. *J Acquir Immune Defic Syndr.* 2021;87(5):1167-72. <https://www.ncbi.nlm.nih.gov/pubmed/34229329>.
119. Flannery JS, Riedel MC, Salo T, Poudel R, Laird AR, Gonzalez R, et al. HIV infection is linked with reduced error-related default mode network suppression and poorer medication management abilities. *Prog Neuropsychopharmacol Biol Psychiatry.* 2021:110398. <https://www.ncbi.nlm.nih.gov/pubmed/34224796>.
120. Fletcher JB, Clark KA, Reback CJ. Depression and HIV Transmission Risk among Methamphetamine-Using Men who have Sex with Men. *Addict Res Theory.* 2021;29(3):263-70. <https://www.ncbi.nlm.nih.gov/pubmed/34248451>.
121. Fongkaew K, de Lind van Wijngaarden JW, Tepjan S, Chonwanarat N, Akkakanjanasupar P, Newman PA. 'No test, no disease': Multilevel barriers to HIV testing among young men who have sex with men and transgender women in three semi-urban areas in Thailand. *Cult Health Sex.* 2021:1-16. <https://www.ncbi.nlm.nih.gov/pubmed/34254893>.
122. Fraser H, Borquez A, Stone J, Abramovitz D, Brouwer KC, Goodman-Meza D, et al. Overlapping Key Populations and HIV Transmission in Tijuana, Mexico: A Modelling Analysis of Epidemic Drivers. *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34216285>.
123. Frattaroli P, Chueng TA, Abaribe O, Ayoade F. Immune Reconstitution Inflammatory Syndrome with Recurrent Paradoxical Cerebellar HIV-Associated Progressive Multifocal Leukoencephalopathy. *Pathogens.* 2021;10(7). <https://www.ncbi.nlm.nih.gov/pubmed/34203265>.
124. Freen-van Heeren JJ. Exploiting HIV-1 tropism to target CD4(+) T cells for CRISPR. *Immunol Cell Biol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34231252>.
125. Fu Y, Zhang Z, Yang Z, Jiang Y, Han X, Xu J, et al. CD27(-)CD38(+) B cells accumulated in early HIV infection exhibit transitional profile and promote HIV disease progression. *Cell Rep.* 2021;36(2):109344. <https://www.ncbi.nlm.nih.gov/pubmed/34260905>.
126. Fuller R, Rana MM. Advancing organ transplantation through HIV-to-HIV transplantation. *Curr Opin Organ Transplant.* 2021;26(4):419-23. <https://www.ncbi.nlm.nih.gov/pubmed/34224501>.

127. Gaga S, Mqoqi N, Chimatira R, Moko S, Igumbor JO. Continuous quality improvement in HIV and TB services at selected healthcare facilities in South Africa. *South Afr J HIV Med.* 2021;22(1):1202. <https://www.ncbi.nlm.nih.gov/pubmed/34192068>.
128. Galvao-Castro B, Grassi MFR, Castilho EA, Greco DB. HIV/Aids and COVID-19 in Brazil: in four decades, two antithetical approaches to face serious pandemics. *Mem Inst Oswaldo Cruz;* 2021;116:e210071. <https://www.ncbi.nlm.nih.gov/pubmed/34190877>.
129. Garnett GP. Reductions in HIV incidence are likely to increase the importance of key population programmes for HIV control in sub-Saharan Africa. *J Int AIDS Soc.* 2021;24 Suppl 3:e25727. <https://www.ncbi.nlm.nih.gov/pubmed/34189844>.
130. George WH, Blayney JA, Stappenbeck CA, Davis KC. The Role of Alcohol-Related Behavioral Risk in the Design of HIV Prevention Interventions in the Era of Antiretrovirals: Alcohol Challenge Studies and Research Agenda. *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34244871>.
131. Gilles I, Lesage S, Barbieux C, Alessandrini M, Jackson-Perry D, Vittoz L, et al. Brief Report: Representations and Willingness of People Living With HIV in Switzerland to Participate in HIV Cure Trials: The Case of Gene-Modified Cell Therapies. *J Acquir Immune Defic Syndr.* 2021;87(5):1154-60. <https://www.ncbi.nlm.nih.gov/pubmed/34229328>.
132. Giron LB, Palmer CS, Liu Q, Yin X, Pappasavvas E, Sharaf R, et al. Non-invasive plasma glycomic and metabolic biomarkers of post-treatment control of HIV. *Nat Commun.* 2021;12(1):3922. <https://www.ncbi.nlm.nih.gov/pubmed/34188039>.
133. Giuliani M, Gheit T, Rollo F, Tommasino M, Latini A, Benevolo M, et al. Predictors of Oral Infection by Mucosal and Cutaneous Human Papillomaviruses in HIV-Infected and Uninfected Men Who Have Sex with Men of the OHMAR Study. *J Clin Med.* 2021;10(13). <https://www.ncbi.nlm.nih.gov/pubmed/34202235>.
134. Glesby MJ, Gulick RM. HIV: Closing the Mortality Gap. *Ann Intern Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34224260>.
135. Godin A, Eaton JW, Giguere K, Marsh K, Johnson LF, Jahn A, et al. Inferring population HIV incidence trends from surveillance data of recent HIV infection among HIV testing clients. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34261098>.
136. Godongwana M, De Wet-Billings N, Milovanovic M. The comorbidity of HIV, hypertension and diabetes: a qualitative study exploring the challenges faced by healthcare providers and patients in selected urban and rural health facilities where the ICDM model is implemented in South Africa. *BMC Health Serv Res.* 2021;21(1):647. <https://www.ncbi.nlm.nih.gov/pubmed/34217285>.
137. Goh OQ, Kroon E, Sacdalan C, Chan P, Crowell TA, Kanaprach R, et al. Persons living with HIV treated in acute HIV infection report good health-related quality of life in Thailand. *AIDS Care.* 2021:1-8. <https://www.ncbi.nlm.nih.gov/pubmed/34191663>.

138. Goma F, Papazisis G, Karakiulakis G. Adherence to antiretroviral therapy among HIV seropositive patients in northern Greece. Major factors of influence. *Hippokratia*. 2020;24(3):114-9. <https://www.ncbi.nlm.nih.gov/pubmed/34239288>.
139. Gomara MJ, Pons R, Herrera C, Ziprin P, Haro I. Peptide Amphiphilic-Based Supramolecular Structures with Anti-HIV-1 Activity. *Bioconjug Chem*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34254794>.
140. Goni Hamadama O, Leonel Javeres MN, Nyemb N, Mba Fabrice M, Manuela Elsa PT. Effect of Azadirachta indica and Senna siamea Decoction on CD4+ and CD8+ Level, Toxicological, and Antioxidant Profile in HIV/AIDS Positive Persons. *J Toxicol*. 2021;2021:5594505. <https://www.ncbi.nlm.nih.gov/pubmed/34257647>.
141. Grulich AE, Jin F, Bavinton BR, Yeung B, Hammoud MA, Amin J, et al. Long-term protection from HIV infection with oral HIV pre-exposure prophylaxis in gay and bisexual men: findings from the expanded and extended EPIC-NSW prospective implementation study. *Lancet HIV*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34217426>.
142. Guzman Ramos MI, Manzano Garcia M, Robustillo-Cortes MA, Gutierrez Pizarra A, Morillo-Verdugo R. Influence of CMO pharmaceutical care model-based intervention on readmission rate in high risk HIV patients: the INFARDAR study. *Rev Esp Quimioter*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34231351>.
143. Haas AD, Kunzekwenyika C, Hossmann S, Manzero J, van Dijk J, Manhibi R, et al. Symptoms of common mental disorders and adherence to antiretroviral therapy among adults living with HIV in rural Zimbabwe: a cross-sectional study. *BMJ Open*. 2021;11(7):e049824. <https://www.ncbi.nlm.nih.gov/pubmed/34233999>.
144. Hampanda K, Matenga TFL, Nkwemu S, Shankalala P, Chi BH, Darbes LA, et al. Designing a couple-based relationship strengthening and health enhancing intervention for pregnant women living with HIV and their male partners in Zambia: Interview findings from the target community. *Soc Sci Med*. 2021;283:114029. <https://www.ncbi.nlm.nih.gov/pubmed/34242890>.
145. Han MM, Frizzi KE, Ellis RJ, Calcutt NA, Fields JA. Prevention of HIV-1 TAT Protein-Induced Peripheral Neuropathy and Mitochondrial Disruption by the Antimuscarinic Pirenzepine. *Front Neurol*. 2021;12:663373. <https://www.ncbi.nlm.nih.gov/pubmed/34211430>.
146. Harmon J, Kelley MMG, Heath SL, Ross-Davis KL, Walter LA. Characteristics of HIV Seroconverters Identified in an Emergency Department HIV Screening Program. *AIDS Patient Care STDS*. 2021;35(7):255-62. <https://www.ncbi.nlm.nih.gov/pubmed/34242089>.
147. Harrington KRV, Staitieh BS, Nguyen MLT, Colasanti JA, Sumitani J, Marconi VC, et al. Diagnosis and Management of HIV-Associated Pulmonary Diseases in a Ryan White-Funded Primary Care Setting. *AIDS Patient Care STDS*. 2021;35(7):239-48. <https://www.ncbi.nlm.nih.gov/pubmed/34242091>.
148. Hernandez AL, Karthik R, Sivasubramanian M, Raghavendran A, Lensing S, Lee JY, et al. Prevalence of oral human papillomavirus infection among Indian HIV-positive men who have sex with men: a cross-sectional study. *BMC Infect Dis*. 2021;21(1):675. <https://www.ncbi.nlm.nih.gov/pubmed/34247583>.

149. Hines JZ, Thompson R, Toledo C, Nelson R, Casavant I, Pals S, et al. Prevalence of Voluntary Medical Male Circumcision for HIV Infection Prevention - Chokwe District, Mozambique, 2014-2019. *MMWR Morb Mortal Wkly Rep*. 2021;70(26):942-6. <https://www.ncbi.nlm.nih.gov/pubmed/34197361>.
150. Hogh J, Pham MHC, Knudsen AD, Thudium RF, Gelpi M, Sigvardsen PE, et al. HIV infection is associated with thoracic and abdominal aortic aneurysms: a prospective matched cohort study. *Eur Heart J*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34240121>.
151. Hokello J, Sharma AL, Tyagi M. An Update on the HIV DNA Vaccine Strategy. *Vaccines (Basel)*. 2021;9(6). <https://www.ncbi.nlm.nih.gov/pubmed/34198789>.
152. Holt E. Drug legislation may be key to ending HIV epidemic. *Lancet HIV*. 2021;8(7):e392-e3. <https://www.ncbi.nlm.nih.gov/pubmed/34197770>.
153. Hongeng S, Anurathapan U, Songdej D, Phuphuakrat A, Jongrak K, Parsons G, et al. Wild-type HIV infection after treatment with lentiviral gene therapy for beta-thalassemia. *Blood Adv*. 2021;5(13):2701-6. <https://www.ncbi.nlm.nih.gov/pubmed/34196676>.
154. Huang Y, Seaton KE, Casapia M, Polakowski L, De Rosa SC, Cohen K, et al. AIDSVAX protein boost improves breadth and magnitude of vaccine-induced HIV-1 envelope-specific responses after a 7-year rest period. *Vaccine*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34229888>.
155. Huang Y, Zhang L, Eaton A, Mkhize NN, Carpp LN, Rudnicki E, et al. Prediction of serum HIV-1 neutralization titers of VRC01 in HIV-uninfected Antibody Mediated Prevention (AMP) trial participants. *Hum Vaccin Immunother*. 2021:1-10. <https://www.ncbi.nlm.nih.gov/pubmed/34213402>.
156. Huber A, Pascoe S, Nichols B, Long L, Kuchukhidze S, Phiri B, et al. Differentiated Service Delivery Models for HIV Treatment in Malawi, South Africa, and Zambia: A Landscape Analysis. *Glob Health Sci Pract*. 2021;9(2):296-307. <https://www.ncbi.nlm.nih.gov/pubmed/34234023>.
157. Huertas-Zurriaga A, Palmieri PA, Edwards JE, Cesario SK, Alonso-Fernandez S, Pardell-Dominguez L, et al. Motherhood and decision-making among women living with HIV in developed countries: a systematic review with qualitative research synthesis. *Reprod Health*. 2021;18(1):148. <https://www.ncbi.nlm.nih.gov/pubmed/34246286>.
158. Ikeda T, Yue Y, Shimizu R, Nasser H. Potential Utilization of APOBEC3-Mediated Mutagenesis for an HIV-1 Functional Cure. *Front Microbiol*. 2021;12:686357. <https://www.ncbi.nlm.nih.gov/pubmed/34211449>.
159. Iro S, Hmoura E, Slimani F. Parotid lymphoepithelial cysts revealing HIV infection in a 12-year-old girl: A case report. *Ann Med Surg (Lond)*. 2021;67:102338. <https://www.ncbi.nlm.nih.gov/pubmed/34257955>.
160. Isaguliants M, Krotova O, Petkov S, Jansons J, Bayurova E, Mezale D, et al. Cellular Immune Response Induced by DNA Immunization of Mice with Drug Resistant Integrases of HIV-1 Clade A Offers Partial Protection against Growth and Metastatic Activity of Integrase-Expressing Adenocarcinoma Cells. *Microorganisms*. 2021;9(6). <https://www.ncbi.nlm.nih.gov/pubmed/34199989>.

161. Isaguliants M, Nosik M, Karlsen A, Petrakova N, Enaeva M, Lebedeva N, et al. Prevalence and Risk Factors of Infection with High Risk Human Papilloma Viruses among HIV-Positive Women with Clinical Manifestations of Tuberculosis in a Middle-Income Country. *Biomedicines*. 2021;9(6). <https://www.ncbi.nlm.nih.gov/pubmed/34208764>.
162. Iusupov IR, Curreli F, Spiridonov EA, Markov PO, Ahmed S, Belov DS, et al. Design of gp120 HIV-1 entry inhibitors by scaffold hopping via isosteric replacements. *Eur J Med Chem*. 2021;224:113681. <https://www.ncbi.nlm.nih.gov/pubmed/34246921>.
163. Jackson-Gibson M, Ezema AU, Orero W, Were I, Ohiomoba RO, Mbullo PO, et al. Facilitators and barriers to HIV pre-exposure prophylaxis (PrEP) uptake through a community-based intervention strategy among adolescent girls and young women in Seme Sub-County, Kisumu, Kenya. *BMC Public Health*. 2021;21(1):1284. <https://www.ncbi.nlm.nih.gov/pubmed/34210288>.
164. Jahangiry L, Aliyari Z, Ponnet K. A Study on the Knowledge, Attitudes, and Behaviors of Pregnant Women Regarding HIV and Routine Rapid Testing: An Assessment in a High-Risk Marginal Area. *Healthcare (Basel)*. 2021;9(7). <https://www.ncbi.nlm.nih.gov/pubmed/34202708>.
165. Jewell PD, Abraham A, Schmidt V, Buell KG, Bustos JA, Garcia HH, et al. Neurocysticercosis and HIV/AIDS Co-infection: A Scoping Review. *Trop Med Int Health*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34228854>.
166. Jiang J, Bai L, Yang W, Peng W, An J, Wu Y, et al. Metagenomic Next-Generation Sequencing for the Diagnosis of *Pneumocystis jirovecii* Pneumonia in Non-HIV-Infected Patients: A Retrospective Study. *Infect Dis Ther*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34244957>.
167. Jij Oacute NS, Molina JM, Costagliola D, Supervie V, Breban R. Can HIV epidemics among men who have sex with men be eliminated through participation in PrEP rollouts? *AIDS*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34224442>.
168. Jin H, Restar A, Beyrer C. Overview of the epidemiological conditions of HIV among key populations in Africa. *J Int AIDS Soc*. 2021;24 Suppl 3:e25716. <https://www.ncbi.nlm.nih.gov/pubmed/34190412>.
169. Jirattikorn A, Tangmunkongvorakul A, Ayuttacorn A, Banwell C, Kelly M, Lebel L, et al. Shan Migrant Sex Workers Living with HIV Who Remain Active in Sexual Entertainment Venues in Chiang Mai, Thailand. *J Racial Ethn Health Disparities*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34231161>.
170. Jobson GA, Railton J, Mutasa B, Ranoto L, Maluleke C, McIntyre J, et al. Indicator-focused technical assistance in South Africa's HIV programme: A stepped-wedge evaluation. *South Afr J HIV Med*. 2021;22(1):1229. <https://www.ncbi.nlm.nih.gov/pubmed/34230860>.
171. Jones A, Honermann B, Lankiewicz E, Sherwood J, Millett G. Current allocations and target apportionment for HIV testing and treatment services for marginalized populations: characterizing PEPFAR investment and strategy. *J Int AIDS Soc*. 2021;24 Suppl 3:e25753. <https://www.ncbi.nlm.nih.gov/pubmed/34189858>.

172. Jordan-Paiz A, Franco S, Martinez MA. Synonymous Codon Pair Recoding of the HIV-1 env Gene Affects Virus Replication Capacity. *Cells*. 2021;10(7). <https://www.ncbi.nlm.nih.gov/pubmed/34209946>.
173. Joseph Y, Yao Z, Dua A, Severe P, Collins SE, Bang H, et al. Long-term mortality after tuberculosis treatment among persons living with HIV in Haiti. *J Int AIDS Soc*. 2021;24(7):e25721. <https://www.ncbi.nlm.nih.gov/pubmed/34235862>.
174. Kalla GCM, Mboumnyemb JF, Assob JCN, Ehouzou Mandeng MN, Kamgaing Noubi N, Okomo Assoumou MC, et al. Cryptococcal antigen carriage among HIV infected children aged 6 months to 15 years at Laquintinie Hospital in Douala. *PLoS One*. 2021;16(7):e0253781. <https://www.ncbi.nlm.nih.gov/pubmed/34242263>.
175. Kann G, Wetzstein N, Bielke H, Schuetfort G, Haberl AE, Wolf T, et al. Risk factors for IRIS in HIV-associated pneumocystis-pneumonia following ART initiation. *J Infect*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34242683>.
176. Karim SSA, Baxter C. HIV incidence trends in Africa: young women at highest risk. *Lancet HIV*. 2021;8(7):e389-e90. <https://www.ncbi.nlm.nih.gov/pubmed/34197769>.
177. Kasahara T, Imahashi M, Hashiba C, Mori M, Kogure A, Yokomaku Y, et al. Retrospective analysis of the efficacy of early antiretroviral therapy in HIV-1-infected patients coinfecting with *Pneumocystis jirovecii*. *AIDS Res Hum Retroviruses*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34235941>.
178. Kaseke C, Park RJ, Singh NK, Koundakjian D, Bashirova A, Garcia Beltran WF, et al. HLA class-I-peptide stability mediates CD8(+) T cell immunodominance hierarchies and facilitates HLA-associated immune control of HIV. *Cell Rep*. 2021;36(2):109378. <https://www.ncbi.nlm.nih.gov/pubmed/34260940>.
179. Katusiime MG, Van Zyl GU, Cotton MF, Kearney MF. HIV-1 Persistence in Children during Suppressive ART. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34204740>.
180. Kaur H, Bush WS, Letendre SL, Ellis RJ, Heaton RK, Patton SM, et al. Higher CSF Ferritin Heavy-Chain (Fth1) and Transferrin Predict Better Neurocognitive Performance in People with HIV. *Mol Neurobiol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34195939>.
181. Keene L, Boyd D. Ending the Epidemic: Assessing Sexual Health Communication, Personal Agency, and HIV Stigma among Black and Latino Youth in the U.S. *Int J Environ Res Public Health*. 2021;18(12). <https://www.ncbi.nlm.nih.gov/pubmed/34207968>.
182. Khairunisa SQ, Indriati DW, Tumewu L, Widyawaruyanti A, Nasronudin N. Screening of anti-HIV activities in ethanol extract and fractions from *Ficus fistulosa* leaves. *J Basic Clin Physiol Pharmacol*. 2021;32(4):737-42. <https://www.ncbi.nlm.nih.gov/pubmed/34214379>.
183. Khandazhinskaya AL, Mercurio V, Maslova AA, Nahui Palomino RA, Novikov MS, Matyugina ES, et al. Dual-targeted anti-CMV/anti-HIV-1 heterodimers. *Biochimie*. 2021;189:169-80. <https://www.ncbi.nlm.nih.gov/pubmed/34197866>.

184. Khanna AS, Edali M, Ozik J, Collier N, Hotton A, Skwara A, et al. Projecting the number of new HIV infections to formulate the "Getting to Zero" strategy in Illinois, USA. *Math Biosci Eng.* 2021;18(4):3922-38. <https://www.ncbi.nlm.nih.gov/pubmed/34198418>.
185. Khezri M, Karamouzian M, Sharifi H, Ghalekhani N, Tavakoli F, Mehmandoust S, et al. Willingness to utilize supervised injection facilities among people who inject drugs in Iran: Findings from 2020 national HIV bio-behavioral surveillance survey. *Int J Drug Policy.* 2021;97:103355. <https://www.ncbi.nlm.nih.gov/pubmed/34242959>.
186. Khoury G, Lee MY, Ramarathinam SH, McMahon J, Purcell AW, Sonza S, et al. The RNA-Binding Proteins SRP14 and HMGB3 Control HIV-1 Tat mRNA Processing and Translation During HIV-1 Latency. *Front Genet.* 2021;12:680725. <https://www.ncbi.nlm.nih.gov/pubmed/34194479>.
187. Khundi M, Carpenter JR, Nliwasa M, Cohen T, Corbett EL, MacPherson P. Effectiveness of spatially targeted interventions for control of HIV, tuberculosis, leprosy and malaria: a systematic review. *BMJ Open.* 2021;11(7):e044715. <https://www.ncbi.nlm.nih.gov/pubmed/34257091>.
188. Kimweri D, Ategeka J, Ceasor F, Muyindike W, Nuwagira E, Muhindo R. Incidence and risk predictors of acute kidney injury among HIV-positive patients presenting with sepsis in a low resource setting. *BMC Nephrol.* 2021;22(1):238. <https://www.ncbi.nlm.nih.gov/pubmed/34187389>.
189. Kirk M, Assoa PH, Iiams-Hauser C, Kouabenan YR, Antilla J, Steele-Lane C, et al. Adaptation of an electronic dashboard to monitor HIV viral load testing in Cote d'Ivoire. *Afr J Lab Med.* 2021;10(1):1284. <https://www.ncbi.nlm.nih.gov/pubmed/34192117>.
190. Kiros M, Mesfin Belay D, Getu S, Hailemichael W, Esmael A, Andualem H, et al. Prevalence and Determinants of Pre-Cancerous Cervical Lesion and Human Papillomavirus Among HIV-Infected and HIV-Uninfected Women in North-West Ethiopia: A Comparative Retrospective Cross-Sectional Study. *HIV AIDS (Auckl).* 2021;13:719-25. <https://www.ncbi.nlm.nih.gov/pubmed/34234573>.
191. Kompella S, Ikekwere J, Alvarez C, Rutkofsky IH. A Retrospective Analysis on Risk Factors for 30-day Readmission Rates in Patients Living With HIV and Severe Major Depression Disorder. *Cureus.* 2021;13(6):e15894. <https://www.ncbi.nlm.nih.gov/pubmed/34249581>.
192. Kpewou DE, Mensah FO, Appiah CA, Alidu HW, Badii VS. Serum vitamin E deficiency among people living with HIV and undergoing antiretroviral therapy at Ho Teaching Hospital, Ghana. *Heliyon.* 2021;7(6):e07339. <https://www.ncbi.nlm.nih.gov/pubmed/34222691>.
193. Kruize Z, Cobos Jimenez V, Martinez FO, Di Vincenzo R, van Dort KA, van Nuenen AC, et al. CD9 and ITGA3 are regulated during HIV-1 infection in macrophages to support viral replication. *Virology.* 2021;562:9-18. <https://www.ncbi.nlm.nih.gov/pubmed/34242748>.
194. Kuehn BM. Confronting High HIV Rates Among Transgender Women With Empowerment and Gender Affirmation. *JAMA.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34232266>.

195. Kumar P, Dominiak PM. Combining Molecular Dynamic Information and an Aspherical-Atom Data Bank in the Evaluation of the Electrostatic Interaction Energy in Multimeric Protein-Ligand Complex: A Case Study for HIV-1 Protease. *Molecules*. 2021;26(13). <https://www.ncbi.nlm.nih.gov/pubmed/34202892>.
196. Kumar P, Sahu D, Rajan S, Mendu VVR, Das C, Kumar A, et al. District-level HIV estimates using the spectrum model in five states of India, 2017. *Medicine (Baltimore)*. 2021;100(28):e26578. <https://www.ncbi.nlm.nih.gov/pubmed/34260537>.
197. La Monica G, Lauria A, Bono A, Martorana A. Off-Target-Based Design of Selective HIV-1 PROTEASE Inhibitors. *Int J Mol Sci*. 2021;22(11). <https://www.ncbi.nlm.nih.gov/pubmed/34199858>.
198. Landers S, Kapadia F, Bowleg L. 1981-2021: HIV and Our World. *Am J Public Health*. 2021:e1-e3. <https://www.ncbi.nlm.nih.gov/pubmed/34191532>.
199. Lavole A, Mazieres J, Schneider S, Brosseau S, Kiakouama L, Greillier L, et al. Assessment of nivolumab in HIV-Infected patients with advanced non-small cell lung cancer after prior chemotherapy. The IFCT-1602 CHIVA2 phase 2 clinical trial. *Lung Cancer*. 2021;158:146-50. <https://www.ncbi.nlm.nih.gov/pubmed/34217967>.
200. Le Guillou A, Cabie A, Delpierre C, Pugliese P, Jacomet C, Hentzien M, et al. Dramatic decline in new HIV diagnoses in persons born in France in a large nationwide HIV cohort. *Public Health*. 2021;196:129-34. <https://www.ncbi.nlm.nih.gov/pubmed/34192605>.
201. Lee CY, Wu PH, Lu PL, Liang FW. Different Trends of Distinct Time Points of AIDS Events Following HIV Diagnosis in Various At-risk Populations: A Retrospective Nationwide Cohort Study in Taiwan. *Infect Dis Ther*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34245451>.
202. Lei JJH, Pereira B, Moyle G, Boffito M, Milinkovic A. The benefits of tenofovir discontinuation with or without bisphosphonate therapy in osteoporotic people living with HIV. *HIV Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34258828>.
203. Lellouche L, Gutierrez LA, Leclercq P, Zaegel-Faucher O, Bernard L, Vassallo M, et al. Frailty in Aging People Living With HIV: a matched controlled Study. *J Acquir Immune Defic Syndr*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34238822>.
204. Li L, Areson C, van der Straten A, Johnson LM. Effects of Polymer Blending on the Performance of a Subcutaneous Biodegradable Implant for HIV Pre-Exposure Prophylaxis (PrEP). *Int J Mol Sci*. 2021;22(12). <https://www.ncbi.nlm.nih.gov/pubmed/34207212>.
205. Li L, Li J, Chai C, Liu T, Li P, Qu M, et al. Association of CD4 T cell count and optimal timing of antiretroviral therapy initiation with immune reconstitution inflammatory syndrome and all-cause mortality for HIV-infected adults with newly diagnosed pulmonary tuberculosis: a systematic review and meta-analysis. *Int J Clin Exp Pathol*. 2021;14(6):670-9. <https://www.ncbi.nlm.nih.gov/pubmed/34239668>.
206. Li L, Lin C, Liang LJ, Nguyen DB, Pham LQ, Le TA, et al. Community Capacity Building for HIV and Addiction Service Integration: An Intervention Trial in Vietnam. *AIDS Behav*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34228251>.

207. Li X, Guo M, Wang W, Wei L, Xiao C, Yu L, et al. Association between childhood sexual abuse and patterns of HIV risky sexual behaviors among men who have sex with men in China: A latent class analysis. *Child Abuse Negl.* 2021;120:105164. <https://www.ncbi.nlm.nih.gov/pubmed/34225216>.
208. Lin TY, Lin FH, Hung CC, Liu CL, Hsiao YC, Lee CH, et al. Growth arrest-specific 6 protein in HIV-infected patients: Determination of plasma level and different antiretroviral regimens. *J Microbiol Immunol Infect.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34210628>.
209. Liu WD, Cheng CN, Lin YT, Kuo CH, Ho SY, Hung CC. Acute HIV infection with presentations mimicking acalculous cholecystitis: A case report. *Medicine (Baltimore).* 2021;100(28):e26653. <https://www.ncbi.nlm.nih.gov/pubmed/34260568>.
210. Liu X, Cao J, Zhu Z, Zhao X, Zhou J, Deng Q, et al. Nutritional risk and nutritional status in hospitalized older adults living with HIV in Shenzhen, China: a cross-sectional study. *BMC Infect Dis.* 2021;21(1):618. <https://www.ncbi.nlm.nih.gov/pubmed/34187374>.
211. Lombardi F, Ricci R, Belmonti S, Fabbiani M, Borghetti A, Baldin G, et al. Seroprevalence of SARS-CoV-2 Antibodies in HIV-Infected Patients in Rome, Italy during the COVID-19 Outbreak. *Diagnostics (Basel).* 2021;11(7). <https://www.ncbi.nlm.nih.gov/pubmed/34202510>.
212. Lotspeich SC, Shepherd BE, Amorim GGC, Shaw PA, Tao R. Efficient odds ratio estimation under two-phase sampling using error-prone data from a multi-national HIV research cohort. *Biometrics.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34213008>.
213. Lowton K. Understanding advances in treatment and care of people living with and alongside HIV: Contributions from the Sociology of Health and Illness. *Sociol Health Illn.* 2021;43(5):1079-84. <https://www.ncbi.nlm.nih.gov/pubmed/34255883>.
214. Lu WL, Lee YT, Sheu GT. Metabolic Syndrome Prevalence and Cardiovascular Risk Assessment in HIV-Positive Men with and without Antiretroviral Therapy. *Medicina (Kaunas).* 2021;57(6). <https://www.ncbi.nlm.nih.gov/pubmed/34198775>.
215. Luan H, Song I, Fiellin DA, Ransome Y. HIV infection prevalence significantly intersects with COVID-19 infection at the area-level: a USA county-level analysis. *J Acquir Immune Defic Syndr.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34238821>.
216. Lubis DS, Conn C, Anjani S. Developing HIV prevention online using a habermasian 'lifeworld' approach with young men who have sex with men from Bali. *Soc Work Public Health.* 2021:1-9. <https://www.ncbi.nlm.nih.gov/pubmed/34241581>.
217. Lungu C, Banga R, Gruters RA, Procopio FA. Inducible HIV-1 Reservoir Quantification: Clinical Relevance, Applications and Advancements of TILDA. *Front Microbiol.* 2021;12:686690. <https://www.ncbi.nlm.nih.gov/pubmed/34211450>.
218. Lynne A, Enteen JB. Thai trans women's agency and the destigmatisation of HIV-related care. *Cult Health Sex.* 2021:1-15. <https://www.ncbi.nlm.nih.gov/pubmed/34254887>.

219. Ma N, Chen XH, Zhao Y, Kang X, Pan S, Yao WQ. HIV-1 molecular transmission network among sexually transmitted populations in Liaoning Province, China. *Medicine (Baltimore)*. 2021;100(28):e26640. <https://www.ncbi.nlm.nih.gov/pubmed/34260561>.
220. Ma X, Zhang Y, Chen Y. Stability and bifurcation analysis of an HIV-1 infection model with a general incidence and CTL immune response. *J Biol Dyn*. 2021;15(1):367-94. <https://www.ncbi.nlm.nih.gov/pubmed/34251981>.
221. MacKellar D, Thompson R, Nelson R, Casavant I, Pals S, Bonzela J, et al. Annual home-based HIV testing in the Chokwe Health Demographic Surveillance System, Mozambique, 2014 to 2019: serial population-based survey evaluation. *J Int AIDS Soc*. 2021;24(7):e25762. <https://www.ncbi.nlm.nih.gov/pubmed/34259391>.
222. MacKinnon KR, Grewal R, Tan DH, Rousseau R, Maxwell J, Walmsley S, et al. Patient perspectives on the implementation of routinised syphilis screening with HIV viral load testing: Qualitative process evaluation of the Enhanced Syphilis Screening Among HIV-positive Men trial. *BMC Health Serv Res*. 2021;21(1):625. <https://www.ncbi.nlm.nih.gov/pubmed/34193138>.
223. Macounova P, Tomaskova H, Snajdrova A, Stanovska M, Polochova M, Tomasek I, et al. Education of Adolescents in the Prevention of HIV/AIDS in the Czech Republic. *Int J Environ Res Public Health*. 2021;18(11). <https://www.ncbi.nlm.nih.gov/pubmed/34200215>.
224. Madia VN, Messoria A, De Leo A, Tudino V, Pindinello I, Saccoliti F, et al. Small-molecule Inhibitors of HIV-1 Reverse Transcriptase-Associated Ribonuclease H function: Challenges and Recent Developments. *Curr Med Chem*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34225606>.
225. Magnolini R, Senkoro E, Vanobberghen F, Weisser M. "Linkage to care" among people living with HIV - definition in the era of "universal test and treat" in a sub-Saharan African setting. *Swiss Med Wkly*. 2021;151:w20535. <https://www.ncbi.nlm.nih.gov/pubmed/34233008>.
226. Mahadik JD, Masand RP, Jain S. Mucosal Papillary Hyperplasia in Gallbladder: A Clue for Infectious Etiology in HIV Patients. *J Glob Infect Dis*. 2021;13(2):105-7. <https://www.ncbi.nlm.nih.gov/pubmed/34194181>.
227. Mahtab S, Jao J, Myer L, Phillips N, Stein DJ, Zar HJ, et al. The association between mental health and metabolic outcomes in youth living with perinatally acquired HIV in the Cape Town Adolescent Antiretroviral Cohort. *AIDS Care*. 2021:1-8. <https://www.ncbi.nlm.nih.gov/pubmed/34236921>.
228. Makenga G, Mtove G, Yin JK, Mziray A, Bwana VM, Kisinza W, et al. Immunogenicity and Efficacy of Pneumococcal Conjugate Vaccine (Prevenar13((R))) in Preventing Acquisition of Carriage of Pneumococcal Vaccine Serotypes in Tanzanian Children With HIV/AIDS. *Front Immunol*. 2021;12:673392. <https://www.ncbi.nlm.nih.gov/pubmed/34220819>.
229. Manion M, Sereti I. A 34-Year-Old Man With HIV/AIDS and a Cavitory Pulmonary Lesion. *Chest*. 2021;160(1):e35-e8. <https://www.ncbi.nlm.nih.gov/pubmed/34246386>.

230. Manyana S, Gounder L, Pillay M, Manasa J, Naidoo K, Chimukangara B. HIV-1 Drug Resistance Genotyping in Resource Limited Settings: Current and Future Perspectives in Sequencing Technologies. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34208165>.
231. Maokola WM, Ngowi BJ, Mahande MJ, Todd J, Robert M, Msuya SE. Impact of Isoniazid Preventive Therapy on Tuberculosis incidence among people living with HIV: A secondary data analysis using Inverse Probability Weighting of individuals attending HIV care and treatment clinics in Tanzania. *PLoS One*. 2021;16(7):e0254082. <https://www.ncbi.nlm.nih.gov/pubmed/34255776>.
232. Marie V, Gordon M. Understanding the co-evolutionary molecular mechanisms of resistance in the HIV-1 Gag and protease. *J Biomol Struct Dyn*. 2021:1-10. <https://www.ncbi.nlm.nih.gov/pubmed/34253143>.
233. Marti-Mari O, Martinez-Gualda B, de la Puente-Secades S, Mills A, Quesada E, Abdelnabi R, et al. Double Arylation of the Indole Side Chain of Tri- and Tetrapodal Tryptophan Derivatives Renders Highly Potent HIV-1 and EV-A71 Entry Inhibitors. *J Med Chem*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34229438>.
234. Martins PC, de Lima LRA, de Lima TR, Petroski EL, Silva DAS. Association between handgrip strength and bone mass parameters in HIV-infected children and adolescents. A cross-sectional study. *Sao Paulo Med J*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34190869>.
235. Maruyama H, Franks J, Laki D, Msumi O, Makyao N, Rwabiyago OE, et al. Bringing HIV services to key populations and their communities in Tanzania: from pilot to scale. *J Int AIDS Soc*. 2021;24 Suppl 3:e25718. <https://www.ncbi.nlm.nih.gov/pubmed/34189856>.
236. Masuka JT, Mkhize Z, Pillay S, Mosam A. Concurrent pulmonary tuberculosis and lepromatous leprosy in a newly diagnosed HIV positive patient: a case report. *BMC Pulm Med*. 2021;21(1):207. <https://www.ncbi.nlm.nih.gov/pubmed/34193098>.
237. Matenga TFL, Zulu JM, Nkwemu S, Shankalala P, Hampanda K. Men's perceptions of sexual and reproductive health education within the context of pregnancy and HIV in Zambia: a descriptive qualitative analysis. *BMC Public Health*. 2021;21(1):1354. <https://www.ncbi.nlm.nih.gov/pubmed/34238272>.
238. Matshoba T, Mashaphu S, Tomita A, Paruk S. HIV knowledge, attitudes and practices amongst patients with severe mental illnesses and chronic medical illnesses in Durban, South Africa. *S Afr J Psychiatr*. 2021;27:1586. <https://www.ncbi.nlm.nih.gov/pubmed/34230865>.
239. Maugard C, Relave J, Klinkicht M, Fabra C. Clinical performance evaluation of Elecsys HIV Duo, Anti-HCV II, HBsAg II, Anti-HBc II, and Syphilis assays for routine screening of first-time blood donor samples at a French blood donation center. *Transfus Clin Biol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34214660>.
240. Mbiva F, Tweya H, Satyanarayana S, Takarinda K, Timire C, Dzangare J, et al. Long Turnaround Times in Viral Load Monitoring of People Living with HIV in Resource-Limited Settings. *J Glob Infect Dis*. 2021;13(2):85-90. <https://www.ncbi.nlm.nih.gov/pubmed/34194175>.

241. McElhiney MC, Rabkin JG, Wainberg ML, Finkel MR, Scodes J. Comparison of counseling methods to promote employment for HIV+ ADULTS. *Work*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34219692>.
242. McHome B, Linde DS, Manongi R, Waldstroem M, Lftner T, Wu C, et al. Incident detection of human papillomavirus - a prospective follow-up study among Tanzanian women with focus on HIV status. *Int J Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34252573>.
243. McMahon JM, Simmons J, Haberer JE, Mannheimer S, Leblanc NM, Torres L, et al. The Magnetic Couples Study: protocol for a mixed methods prospective cohort study of HIV-serodifferent heterosexual couples' perspectives and use of pre-exposure prophylaxis (PrEP). *BMJ Open*. 2021;11(7):e048993. <https://www.ncbi.nlm.nih.gov/pubmed/34210734>.
244. Medeiros P, Gupta M, Wong H, Kazemi M, Ndung'u M, Smith S, et al. Women-centred HIV care: a scoping review to understand the current state of service delivery for women living with HIV globally. *AIDS Care*. 2021;1-11. <https://www.ncbi.nlm.nih.gov/pubmed/34260327>.
245. Mekonen T, Belete H, Fekadu W. Depressive symptoms among people with HIV/AIDS in Northwest Ethiopia: comparative study. *BMJ Open*. 2021;11(7):e048931. <https://www.ncbi.nlm.nih.gov/pubmed/34210733>.
246. Meleddu R, Corona A, Distinto S, Cottiglia F, Deplano S, Sequeira L, et al. Exploring New Scaffolds for the Dual Inhibition of HIV-1 RT Polymerase and Ribonuclease Associated Functions. *Molecules*. 2021;26(13). <https://www.ncbi.nlm.nih.gov/pubmed/34201561>.
247. Mendes Da Silva RK, Monteiro de Pina A, II, Venegas Maciera K, Goncalves Morgado M, Lindenmeyer Guimaraes M. Genetic Characterization of a New HIV-1 Sub-Subtype A in Cabo Verde, Denominated A8. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34201179>.
248. Meylani V, Sembiring L, Fudholi A, Wibawa T. Differentiated sap (4-6) gene expression of *Candida albicans* isolates from HIV-positive patients with oral candidiasis and commensals in healthy individuals. *Microb Pathog*. 2021;158:105075. <https://www.ncbi.nlm.nih.gov/pubmed/34224845>.
249. Miczi M, Dios A, Bozoki B, Tozser J, Motyan JA. Development of a Bio-Layer Interferometry-Based Protease Assay Using HIV-1 Protease as a Model. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34205716>.
250. Mishra S, Silhol R, Knight J, Phaswana-Mafuya R, Diouf D, Wang L, et al. Estimating the epidemic consequences of HIV prevention gaps among key populations. *J Int AIDS Soc*. 2021;24 Suppl 3:e25739. <https://www.ncbi.nlm.nih.gov/pubmed/34189863>.
251. Mitha M, Maharaj AP, Nyamande K. People living with HIV and COVID-19: A report on 2 clinical cases from South Africa. *Afr J Thorac Crit Care Med*. 2020;26(2). <https://www.ncbi.nlm.nih.gov/pubmed/34240021>.
252. Mnyaka OR, Mabunda SA, Chitha WW, Nomatshila SC, Ntlongweni X. Barriers to the Implementation of the HIV Universal Test and Treat Strategy in Selected Primary Care Facilities in South Africa's Eastern Cape Province. *J Prim Care Community Health*. 2021;12:21501327211028706. <https://www.ncbi.nlm.nih.gov/pubmed/34189991>.

253. Monge C, Verrier B. Sublingual antigen delivery: a solution for needle-free HIV vaccination. *Expert Rev Vaccines*. 2021;1-4. <https://www.ncbi.nlm.nih.gov/pubmed/34225546>.
254. Moron-Lopez S, Xie G, Kim P, Siegel DA, Lee S, Wong JK, et al. Tissue-specific differences in HIV DNA levels and mechanisms that govern HIV transcription in blood, gut, genital tract and liver in ART-treated women. *J Int AIDS Soc*. 2021;24(7):e25738. <https://www.ncbi.nlm.nih.gov/pubmed/34235864>.
255. Motyan JA, Miczi M, Oroszlan S, Tozser J. Specificity of the HIV-1 Protease on Substrates Representing the Cleavage Site in the Proximal Zinc-Finger of HIV-1 Nucleocapsid Protein. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34201134>.
256. Mpunga E, Persaud N, Akolo C, Boyee D, Kamanga G, Trapence G, et al. Qualitative assessment of readiness for use of HIV pre-exposure prophylaxis among men who have sex with men (MSM) in Malawi: Qualitative study using key informant interviews and focus group discussions. *JMIR Public Health Surveill*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34228627>.
257. Muccini C, Pinyakorn S, Sirivichayakul S, Kroon E, Sacdalan C, Crowell TA, et al. Brief Report: Prevalence Trend of Transmitted Drug Resistance in a Prospective Cohort of Thai People With Acute HIV Infection. *J Acquir Immune Defic Syndr*. 2021;87(5):1173-7. <https://www.ncbi.nlm.nih.gov/pubmed/34229330>.
258. Mueller MC, Kern WV, Usadel S, Pauly MC, Cathomen T, Salzer U. Assessing the differential impact of chronic CMV and treated HIV infection on CD8+ T-cell differentiation in a matched cohort study: is CMV the key? *AIDS Res Ther*. 2021;18(1):37. <https://www.ncbi.nlm.nih.gov/pubmed/34193181>.
259. Muhula S, Oponga Y, Oramisi V, Ngugi C, Ngunu C, Carter J, et al. Impact of the First Wave of the COVID-19 Pandemic on HIV/AIDS Programming in Kenya: Evidence from Kibera Informal Settlement and COVID-19 Hotspot Counties. *Int J Environ Res Public Health*. 2021;18(11). <https://www.ncbi.nlm.nih.gov/pubmed/34205036>.
260. Mukhatayeva A, Mustafa A, Dzissyuk N, Issanov A, Bayserkin B, Vermund SH, et al. Hepatitis B, Hepatitis C, tuberculosis and sexually-transmitted infections among HIV positive patients in Kazakhstan. *Sci Rep*. 2021;11(1):13542. <https://www.ncbi.nlm.nih.gov/pubmed/34188081>.
261. Muller L, Sewchuran T, Durand M. Prevalence of incidental premature cardiac calcifications in an HIV-infected South African population using conventional computed tomography chest radiography. *South Afr J HIV Med*. 2021;22(1):1241. <https://www.ncbi.nlm.nih.gov/pubmed/34192071>.
262. Mungo C, Barker E, Randa M, Ambaka J, Osongo CO. Integration of cervical cancer screening into HIV/AIDS care in low-income countries: a moral imperative. *Eccancermedicalscience*. 2021;15:1237. <https://www.ncbi.nlm.nih.gov/pubmed/34221120>.
263. Munoz-Munoz L, Beltran-Rosel A, Vitoria-Agreda MA, Crusells-Canales MJ. [Cauda equina syndrome in HIV patient]. *Rev Esp Quimioter*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34250788>.

264. Murphy JP, Kgowedi S, Naidoo N, Girdwood S, Jamieson L, Soeteman D, et al. Role of data from cost and other economic analyses in healthcare decision-making for HIV, TB and sexual/reproductive health programmes in South Africa. *Health Policy Plan*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34212192>.
265. Musyoki H, Bhattacharjee P, Sabin K, Ngoksin E, Wheeler T, Dallabetta G. A decade and beyond: learnings from HIV programming with underserved and marginalized key populations in Kenya. *J Int AIDS Soc*. 2021;24 Suppl 3:e25729. <https://www.ncbi.nlm.nih.gov/pubmed/34189847>.
266. Naghavi MH. HIV-1 capsid exploitation of the host microtubule cytoskeleton during early infection. *Retrovirology*. 2021;18(1):19. <https://www.ncbi.nlm.nih.gov/pubmed/34229718>.
267. Nagy SM, Butame SA, Todd L, Sheffler JL, Budhwani H, Fernandez MI, et al. Barriers and facilitators to implementing a motivational interviewing-based intervention: a multi-site study of organizations caring for youth living with HIV. *AIDS Care*. 2021:1-6. <https://www.ncbi.nlm.nih.gov/pubmed/34251935>.
268. Nakiganda LJ, Bell S, Grulich AE, Serwadda D, Nakubulwa R, Poynten IM, et al. Understanding and managing HIV infection risk among men who have sex with men in rural Uganda: a qualitative study. *BMC Public Health*. 2021;21(1):1309. <https://www.ncbi.nlm.nih.gov/pubmed/34218799>.
269. Namagga JK, Rukundo GZ, Niyonzima V, Voss J. Depression and HIV associated neurocognitive disorders among HIV infected adults in rural southwestern Uganda: a cross-sectional quantitative study. *BMC Psychiatry*. 2021;21(1):350. <https://www.ncbi.nlm.nih.gov/pubmed/34253176>.
270. Namuli JD, Nalugya JS, Bangirana P, Nakimuli-Mpungu E. Prevalence and Factors Associated With Suicidal Ideation Among Children and Adolescents Attending a Pediatric HIV Clinic in Uganda. *Front Sociol*. 2021;6:656739. <https://www.ncbi.nlm.nih.gov/pubmed/34212027>.
271. Nduva GM, Nazziwa J, Hassan AS, Sanders EJ, Esbjornsson J. The Role of Phylogenetics in Discerning HIV-1 Mixing among Vulnerable Populations and Geographic Regions in Sub-Saharan Africa: A Systematic Review. *Viruses*. 2021;13(6). <https://www.ncbi.nlm.nih.gov/pubmed/34205246>.
272. Ngalamika O, Mukasine MC, Kawimbe M, Vally F. Viral and immunological markers of HIV-associated Kaposi sarcoma recurrence. *PLoS One*. 2021;16(7):e0254177. <https://www.ncbi.nlm.nih.gov/pubmed/34214127>.
273. Nganou-Makamdop K, Talla A, Sharma AA, Darko S, Ransier A, Laboune F, et al. Translocated microbiome composition determines immunological outcome in treated HIV infection. *Cell*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34237254>.
274. Nicolau V, Cortes R, Lopes M, Virgolino A, Santos O, Martins A, et al. HIV Infection: Time from Diagnosis to Initiation of Antiretroviral Therapy in Portugal, a Multicentric Study. *Healthcare (Basel)*. 2021;9(7). <https://www.ncbi.nlm.nih.gov/pubmed/34202051>.

275. Nka AD, Teto G, Santoro MM, Ngum Ndze V, Takou D, Dambaya B, et al. HIV-1 Gag gene mutations, treatment response and drug resistance to protease inhibitors: A systematic review and meta-analysis protocol. *PLoS One*. 2021;16(7):e0253587. <https://www.ncbi.nlm.nih.gov/pubmed/34197501>.
276. Nkeh-Chungag BN, Engwa GA, Businge C, Mdongolo M, Pajaro Medina M, Goswami N. Assessment of the impact of HIV infection and anti-retroviral treatment on the cardiometabolic health of pregnant mothers and their offspring (ARTMOMSBABES). *BMC Cardiovasc Disord*. 2021;21(1):322. <https://www.ncbi.nlm.nih.gov/pubmed/34193034>.
277. Nkoka O, Ntenda PAM, Chuang KY. Contextual factors associated with knowledge and attitudes of HIV/AIDS among Malawian women of reproductive age. *Eur J Public Health*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34244737>.
278. Notarfrancesco M, Castelnuovo B, Kaelin M, Fehr J, Sekaggya-Wiltshire C. 'Out of sight, out of mind?' A follow-up on HIV-infected patients with drug-resistant pulmonary tuberculosis in Uganda: A case series. *SAGE Open Med Case Rep*. 2021;9:2050313X211019790. <https://www.ncbi.nlm.nih.gov/pubmed/34211714>.
279. Nutor JJ, Duah HO, Duodu PA, Agbadi P, Alhassan RK, Darkwah E. Geographical variations and factors associated with recent HIV testing prevalence in Ghana: spatial mapping and complex survey analyses of the 2014 demographic and health surveys. *BMJ Open*. 2021;11(7):e045458. <https://www.ncbi.nlm.nih.gov/pubmed/34244255>.
280. Nyamaruze P, Cowden RG, Padgett RN, Govender K. Body image and antiretroviral therapy adherence among people living with HIV: a protocol for a systematic review and meta-analysis. *BMJ Open*. 2021;11(7):e045700. <https://www.ncbi.nlm.nih.gov/pubmed/34233973>.
281. Nystrom S, Govender M, Yap SH, Kamarulzaman A, Rajasuriar R, Larsson M. HIV-Infected Individuals on ART With Impaired Immune Recovery Have Altered Plasma Metabolite Profiles. *Open Forum Infect Dis*. 2021;8(7):ofab288. <https://www.ncbi.nlm.nih.gov/pubmed/34258318>.
282. Odhiambo AA. Us for us: reflections of a journey by people who use drugs in East Africa to shape HIV, hepatitis and other relevant health policies. *J Int AIDS Soc*. 2021;24 Suppl 3:e25730. <https://www.ncbi.nlm.nih.gov/pubmed/34189867>.
283. Odhiambo CO, Mataka A, Massinga Loembe M, Ondoa P. Maintaining routine HIV and tuberculosis testing services in sub-Saharan African countries in the context of COVID-19: Lessons learnt and opportunities for improvement. *Afr J Lab Med*. 2021;10(1):1413. <https://www.ncbi.nlm.nih.gov/pubmed/34230879>.
284. Oduro JK, Kissah-Korsah K. Aged Persons Living with HIV and Nutritional Wellness: Analysis of 2013 South Africa-SAGE Well-Being of Older People Study (WOPS) Wave 2. *J Aging Res*. 2021;2021:6635814. <https://www.ncbi.nlm.nih.gov/pubmed/34258065>.
285. Ogbuagu O, Ruane PJ, Podzamczar D, Salazar LC, Henry K, Asmuth DM, et al. Long-term safety and efficacy of emtricitabine and tenofovir alafenamide vs emtricitabine and tenofovir disoproxil fumarate for HIV-1 pre-exposure prophylaxis: week 96 results from a randomised, double-blind, placebo-controlled, phase 3 trial. *Lancet HIV*. 2021;8(7):e397-e407. <https://www.ncbi.nlm.nih.gov/pubmed/34197772>.

286. Okoye I, Xu L, Oyegbami O, Shahbaz S, Pink D, Gao P, et al. Plasma Extracellular Vesicles Enhance HIV-1 Infection of Activated CD4(+) T Cells and Promote the Activation of Latently Infected J-Lat10.6 Cells via miR-139-5p Transfer. *Front Immunol.* 2021;12:697604. <https://www.ncbi.nlm.nih.gov/pubmed/34249000>.
287. Olaru ID, Ferrand RA, Chisenga M, Yeung S, Macrae B, Chonzi P, et al. Prevalence of ESBL-producing Escherichia coli in adults with and without HIV presenting with urinary tract infections to primary care clinics in Zimbabwe. *JAC Antimicrob Resist.* 2021;3(2):dlab082. <https://www.ncbi.nlm.nih.gov/pubmed/34223141>.
288. Onyango DO, van der Sande MAB, Musingila P, Kinywa E, Opollo V, Oyaro B, et al. High HIV prevalence among decedents received by two high-volume mortuaries in Kisumu, western Kenya, 2019. *PLoS One.* 2021;16(7):e0253516. <https://www.ncbi.nlm.nih.gov/pubmed/34197509>.
289. Paredes JL, Navarro R, Cabrera DM, Diaz MM, Mejia F, Caceres CF. [Challenges to the continuity of care of people living with HIV throughout the COVID-19 crisis in Peru]. *Rev Peru Med Exp Salud Publica.* 2021;38(1):166-70. <https://www.ncbi.nlm.nih.gov/pubmed/34190910>.
290. Parker E, Judge MA, Macete E, Nhampossa T, Dorward J, Langa DC, et al. HIV infection in Eastern and Southern Africa: Highest burden, largest challenges, greatest potential. *South Afr J HIV Med.* 2021;22(1):1237. <https://www.ncbi.nlm.nih.gov/pubmed/34192070>.
291. Pastor-Ibanez R, Diez-Fuertes F, Sanchez-Palomino S, Alcami J, Plana M, Torrents D, et al. Impact of Transcriptome and Gut Microbiome on the Response of HIV-1 Infected Individuals to a Dendritic Cell-Based HIV Therapeutic Vaccine. *Vaccines (Basel).* 2021;9(7). <https://www.ncbi.nlm.nih.gov/pubmed/34202658>.
292. Pearce ME, Jongbloed K, Pooyak S, Christian WM, Teegee M, Caron NR, et al. The Cedar Project: exploring the role of colonial harms and childhood maltreatment on HIV and hepatitis C infection in a cohort study involving young Indigenous people who use drugs in two Canadian cities. *BMJ Open.* 2021;11(7):e042545. <https://www.ncbi.nlm.nih.gov/pubmed/34244246>.
293. Pei L, Fukutani KF, Tiburcio R, Rupert A, Dahlstrom EW, Galindo F, et al. Plasma Metabolomics Reveals Dysregulated Metabolic Signatures in HIV-Associated Immune Reconstitution Inflammatory Syndrome. *Front Immunol.* 2021;12:693074. <https://www.ncbi.nlm.nih.gov/pubmed/34211479>.
294. Pennefather C, Esterhuizen T, Doubell A, Decloedt EH. The 12-month period prevalence and cardiac manifestations of HIV in patients with acute coronary syndrome at a tertiary hospital in Cape Town, South Africa: a retrospective cross-sectional study. *BMC Infect Dis.* 2021;21(1):657. <https://www.ncbi.nlm.nih.gov/pubmed/34233630>.
295. Pereira-Vaz J, Crespo P, Mocho L, Martinho P, Fidalgo T, Correia L, et al. Identification of a new 2-amino acid insertion in the integrase coding region of HIV-1 subtype G isolates. *J Med Virol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34260070>.
296. Perez-Elias MJ, Podzamczer Palter D, Ventayol Bosch P, Jarrin I, Castro A, Rubio-Rodriguez D, et al. Clinical and economic benefit of 32 years of antiretroviral treatment for people living with HIV in Spain: Has it been an efficient intervention? *Enferm Infecc Microbiol Clin.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34217551>.

297. Peruski AH, Wu B, Linley L, Delaney KP, DiNenno EA, Johnson AS. Time From HIV Infection to Diagnosis in the U.S., 2014-2018. *Am J Prev Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34217552>.
298. Peterhoff D, Thalhauser S, Sobczak JM, Mohsen MO, Voigt C, Seifert N, et al. Augmenting the Immune Response against a Stabilized HIV-1 Clade C Envelope Trimer by Silica Nanoparticle Delivery. *Vaccines (Basel).* 2021;9(6). <https://www.ncbi.nlm.nih.gov/pubmed/34208059>.
299. Pillay N, Chimbga D, Van Hout MC. Gender Inequality, Health Rights, and HIV/AIDS among Women Prisoners in Zimbabwe. *Health Hum Rights.* 2021;23(1):225-36. <https://www.ncbi.nlm.nih.gov/pubmed/34194215>.
300. Pinzone MR, Weissman S, Pasternak AO, Zurakowski R, Migueles S, O'Doherty U. Naive infection predicts reservoir diversity and is a formidable hurdle to HIV eradication. *JCI Insight.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34228640>.
301. Placais L, Boufassa F, Lecuroux C, Gardiennet E, Avettand-Fenoel V, Saez-Cirion A, et al. Antiretroviral therapy for HIV controllers: Reasons for initiation and outcomes in the French ANRS-CO21 CODEX cohort. *EClinicalMedicine.* 2021;37:100963. <https://www.ncbi.nlm.nih.gov/pubmed/34195579>.
302. Pokorska-Spiewak M, Dobrzeniecka A, Oldakowska A, Marczyńska M. Effective Treatment of Chronic Hepatitis C Virus Infection With Ledipasvir/Sofosbuvir in 2 Teenagers With HIV Coinfection: A Brief Report. *Pediatr Infect Dis J.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34232923>.
303. Popova AA, Domonova EA, Pokrovskaya AV, Shipulina OY, Pokrovsk VV. [Prevalence of human papillomavirus (Papillomaviridae; Human papillomavirus) of high carcinogenic risk based on the results of screening of three anatomical loci in men stratified by sexual behavior and HIV status]. *Vopr Virusol.* 2021;66(3):217-26. <https://www.ncbi.nlm.nih.gov/pubmed/34251159>.
304. Popovic N, Yang Q, Archibald C. Trends in HIV pre-exposure prophylaxis use in eight Canadian provinces, 2014-2018. *Can Commun Dis Rep.* 2021;47(56):251-8. <https://www.ncbi.nlm.nih.gov/pubmed/34220349>.
305. Psomas CK, Waters LJ, Barber T. Highlights from the virtual conference on retroviruses and opportunistic infections (CROI) 2021: SARS-CoV-2 pathogenesis, new data about antiretroviral treatments, HIV-associated comorbidities, pediatrics and pregnancy. *J Virus Erad.* 2021;7(2):100049. <https://www.ncbi.nlm.nih.gov/pubmed/34249372>.
306. Pyarali F, Iordanov R, Ebner B, Grant J, Vincent L, Toirac A, et al. Cardiovascular disease and prevention among people living with HIV in South Florida. *Medicine (Baltimore).* 2021;100(28):e26631. <https://www.ncbi.nlm.nih.gov/pubmed/34260554>.
307. Qiao S, Li X, Olatosi B, Young SD. Utilizing Big Data analytics and electronic health record data in HIV prevention, treatment, and care research: a literature review. *AIDS Care.* 2021:1-21. <https://www.ncbi.nlm.nih.gov/pubmed/34260325>.
308. Radhakrishnan N, Smit D, Venkatesh Prajna N, S RR. Corneal Involvement in HIV-infected Individuals. *Ocul Immunol Inflamm.* 2021:1-6. <https://www.ncbi.nlm.nih.gov/pubmed/34232799>.

309. Rael CT, Lopez-Rios J, McKenna SA, Das D, Dolezal C, Abascal E, et al. Transgender Women's Barriers, Facilitators, and Preferences on Tailored Injection Delivery Strategies to Administer Long-Acting Injectable Cabotegravir (CAB-LA) for HIV Pre-exposure Prophylaxis (PrEP). *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34216284>.
310. Rajabiun S, Lennon-Dearing R, Hirschi M, Davis B, Williams B, Sprague Martinez L, et al. Ending the HIV Epidemic: One Southern Community Speaks. *Soc Work Public Health.* 2021;1-18. <https://www.ncbi.nlm.nih.gov/pubmed/34251984>.
311. Ralefala D, Kasule M, Wonkam A, Matshaba M, de Vries J. Should Feedback of Individual Results be Integrated into the Consent Process in African Genomics? Participants' Views from an HIV-TB Genomics Research Project in Botswana. *AJOB Empir Bioeth.* 2021;1-9. <https://www.ncbi.nlm.nih.gov/pubmed/34197280>.
312. Ramon-Luing LA, Ocana-Guzman R, Tellez-Navarrete NA, Preciado-Garcia M, Romero-Rodriguez DP, Espinosa E, et al. High Levels of TNF-alpha and TIM-3 as a Biomarker of Immune Reconstitution Inflammatory Syndrome in People with HIV Infection. *Life (Basel).* 2021;11(6). <https://www.ncbi.nlm.nih.gov/pubmed/34198803>.
313. Rao PS, Moore CC, Mbonde AA, Nuwagira E, Orikiriza P, Nyehangane D, et al. Population Pharmacokinetics and Significant Under-Dosing of Anti-Tuberculosis Medications in People with HIV and Critical Illness. *Antibiotics (Basel).* 2021;10(6). <https://www.ncbi.nlm.nih.gov/pubmed/34207312>.
314. Reif T, Dyckhoff G, Hohenberger R, Kolbe CC, Gruell H, Klein F, et al. Contact-dependent inhibition of HIV-1 replication in ex vivo human tonsil cultures by polymorphonuclear neutrophils. *Cell Rep Med.* 2021;2(6):100317. <https://www.ncbi.nlm.nih.gov/pubmed/34195682>.
315. Rendina HJ, Talan A, Sizemore KM, Tavella NF, Salfas B, Shalhav O, et al. Examining inequities in rates of undiagnosed HIV and rectal STIs in a large nationwide cohort study of sexual minority men. *Sex Transm Infect.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34193532>.
316. Risher KA, Cori A, Reniers G, Marston M, Calvert C, Crampin A, et al. Age patterns of HIV incidence in eastern and southern Africa: a modelling analysis of observational population-based cohort studies. *Lancet HIV.* 2021;8(7):e429-e39. <https://www.ncbi.nlm.nih.gov/pubmed/34197773>.
317. Rivera A, Martinez P, Braunstein S. Video-based HIV testing services among cisgender men who have sex with men as a component of an HIV behavioural surveillance study during the COVID-19 pandemic in New York City: implementation, feasibility and lessons learned. *Sex Transm Infect.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34193531>.
318. Roche R, Simmons R, Logan L, Ledesma J, Sabin C, Ijaz S, et al. Prevalence of hepatitis B immunity and infection in home self-sampling HIV service users. *Sex Transm Infect.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34193528>.
319. Ronchetti AM, Matheron S, Galicier L, Damond F, Mahjoub N, Chaghil N, et al. Lymphoma in HIV-2-infected patients in combination antiretroviral therapy era. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34231524>.

320. Ronit A, Omland LH, Kronborg G, Pedersen G, Nielsen L, Mohey R, et al. Incidence of chronic obstructive pulmonary disease in people with HIV, their parents and siblings in Denmark. *J Infect Dis.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34260725>.
321. Rosca EC, Tadger P, Cornea A, Tudor R, Oancea C, Simu M. International HIV Dementia Scale for HIV-Associated Neurocognitive Disorders: A Systematic Review and Meta-Analysis. *Diagnostics (Basel).* 2021;11(6). <https://www.ncbi.nlm.nih.gov/pubmed/34202994>.
322. Rosenberg YJ, Jiang X, Cheever T, Coulter FJ, Pandey S, Sack M, et al. Protection of newborn macaques by plant-derived HIV broadly neutralizing antibodies: a model for passive immunotherapy during breastfeeding. *J Virol.* 2021:JVI0026821. <https://www.ncbi.nlm.nih.gov/pubmed/34190597>.
323. Rossetti B, Fabbiani M, Di Carlo D, Incardona F, Abecasis A, Gomes P, et al. Effectiveness of integrase strand transfer inhibitor-based regimens in HIV-infected treatment-naïve individuals: results from a European multi-cohort study. *J Antimicrob Chemother.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34212176>.
324. Roy CN, Benitez Moreno MA, Kline C, Ambrose Z. CG dinucleotide removal in bioluminescent and fluorescent reporters improves HIV-1 replication and reporter gene expression for dual imaging in humanized mice. *J Virol.* 2021:JVI0044921. <https://www.ncbi.nlm.nih.gov/pubmed/34232063>.
325. Royston L, Isnard S, Lin J, Routy JP. Cytomegalovirus as an Uninvited Guest in the Response to Vaccines in People Living with HIV. *Viruses.* 2021;13(7). <https://www.ncbi.nlm.nih.gov/pubmed/34209711>.
326. Rubio-Garrido M, Avendano-Ortiz J, Ndarabu A, Rubio C, Reina G, Lopez-Collazo E, et al. Dried Blood Specimens as an Alternative Specimen for Immune Response Monitoring During HIV Infection: A Proof of Concept and Simple Method in a Pediatric Cohort. *Front Med (Lausanne).* 2021;8:678850. <https://www.ncbi.nlm.nih.gov/pubmed/34211989>.
327. Ruddell S, Sugrue E, Memarzadeh S, Hellam LM, Wilson SJ, France DJ. Synthesis, Enantiomeric Resolution and Biological Evaluation of HIV Capsid Inhibition Activity for Racemic, (S)- and (R)-PF74. *Molecules.* 2021;26(13). <https://www.ncbi.nlm.nih.gov/pubmed/34206893>.
328. Ruddy JA, Boyarsky BJ, Bailey JR, Karaba AH, Garonzik-Wang JM, Segev DL, et al. Safety and antibody response to two-dose SARS-CoV-2 messenger RNA vaccination in persons with HIV. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34261097>.
329. Rutakumwa R, Ssebunnya J, Mugisha J, Mpango RS, Tusiime C, Kyohangirwe L, et al. Stakeholders' perspectives on integrating the management of depression into routine HIV care in Uganda: qualitative findings from a feasibility study. *Int J Ment Health Syst.* 2021;15(1):63. <https://www.ncbi.nlm.nih.gov/pubmed/34210344>.
330. Sack DE, De Schacht C, Paulo P, Graves E, Emilio AM, Matino A, et al. Pre-exposure prophylaxis use among HIV serodiscordant couples: a qualitative study in Mozambique. *Glob Health Action.* 2021;14(1):1940764. <https://www.ncbi.nlm.nih.gov/pubmed/34229580>.

331. Sadraeian M, da Cruz EF, Boyle RW, Bahou C, Chudasama V, Janini LMR, et al. Photoinduced Photosensitizer-Antibody Conjugates Kill HIV Env-Expressing Cells, Also Inactivating HIV. *ACS Omega*. 2021;6(25):16524-34. <https://www.ncbi.nlm.nih.gov/pubmed/34235324>.
332. Saidi F, Mutale W, Freeborn K, Rosenberg NE, Graybill LA, Maman S, et al. Combination adherence strategy to support HIV antiretroviral therapy and pre-exposure prophylaxis adherence during pregnancy and breastfeeding: protocol for a pair of pilot randomised trials. *BMJ Open*. 2021;11(6):e046032. <https://www.ncbi.nlm.nih.gov/pubmed/34193491>.
333. Samizi FG, Panga OD, Mulugu SS, Gitige CG, Mmbaga EJ. Rate and predictors of HIV virological failure among adults on first-line antiretroviral treatment in Dar Es Salaam, Tanzania. *J Infect Dev Ctries*. 2021;15(6):853-60. <https://www.ncbi.nlm.nih.gov/pubmed/34242197>.
334. Sanhueza-Sanzana C, Kerr L, Kendall C. Mortality from AIDS and tuberculosis-HIV coinfection in the Chilean AIDS Cohort of 2000-2017. *Cad Saude Publica*. 2021;37(6):e00212920. <https://www.ncbi.nlm.nih.gov/pubmed/34190832>.
335. Sani F, Faragon JJ, Egan DJ. Managing the HIV-infected adult patient in the emergency department. *Emerg Med Pract*. 2021;23(7):1-24. <https://www.ncbi.nlm.nih.gov/pubmed/34196515>.
336. Santa Maria D, Padhye N, Businelle M, Yang Y, Jones J, Sims A, et al. Efficacy of a Just-in-Time Adaptive Intervention to Promote HIV Risk Reduction Behaviors Among Young Adults Experiencing Homelessness: Pilot Randomized Controlled Trial. *J Med Internet Res*. 2021;23(7):e26704. <https://www.ncbi.nlm.nih.gov/pubmed/34255679>.
337. Santos AV, Santos ECM, Picone CM, Dias TG, Ribeiro SML, Florindo AA, et al. Incorporating physical activity in the comprehensive care of people living with HIV starting antiretroviral therapy: Insights from a specialized care setting in Sao Paulo, Brazil. *PLoS One*. 2021;16(7):e0254168. <https://www.ncbi.nlm.nih.gov/pubmed/34197560>.
338. Santos Junior GGD, Araujo PSR, Leite KME, Godoi ET, Vasconcelos AF, Lacerda HR. The Effect of Atorvastatin + Aspirin on the Endothelial Function Differs with Age in Patients with HIV: A Case-Control Study. *Arq Bras Cardiol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34231792>.
339. Sarabia I, Novis CL, Macedo AB, Takata H, Nell R, Kakazu JC, et al. Activation of the Anti-Oxidative Stress Response Reactivates Latent HIV-1 Through the Mitochondrial Antiviral Signaling Protein Isoform MiniMAVS. *Front Immunol*. 2021;12:682182. <https://www.ncbi.nlm.nih.gov/pubmed/34194436>.
340. Sarcina L, Mangiatordi GF, Torricelli F, Bollella P, Gounani Z, Osterbacka R, et al. Surface Plasmon Resonance Assay for Label-Free and Selective Detection of HIV-1 p24 Protein. *Biosensors (Basel)*. 2021;11(6). <https://www.ncbi.nlm.nih.gov/pubmed/34204930>.
341. Schattner A, Finn T, Glick Y. Not what it seems: Obstructive Jaundice in a HIV-Positive Patient. *Am J Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34197787>.

342. Schmidt CN, Puffer ES, Broverman S, Warren V, Green EP. Is social-ecological risk associated with individual HIV risk beliefs and behaviours?: An analysis of Kenyan adolescents' local communities and activity spaces. *Glob Public Health*. 2021;1-16. <https://www.ncbi.nlm.nih.gov/pubmed/34236940>.
343. Sebilo M, Ledibane NRT, Takuva S. Incidence of cardiometabolic diseases in a Lesotho HIV cohort: Evidence for policy decision-making. *South Afr J HIV Med*. 2021;22(1):1246. <https://www.ncbi.nlm.nih.gov/pubmed/34230861>.
344. Selimin DS, Ismail A, Ahmad N, Ismail R, Mohd Azman NF, Azman A. Tuberculosis Treatment Outcome in Patients with TB-HIV Coinfection in Kuala Lumpur, Malaysia. *J Trop Med*. 2021;2021:9923378. <https://www.ncbi.nlm.nih.gov/pubmed/34194511>.
345. Semitala FC, Musinguzi A, Ssemata J, Welishe F, Nabunje J, Kadota JL, et al. Acceptance and completion of rifampentine-based TB preventive therapy (3HP) among people living with HIV (PLHIV) in Kampala, Uganda-patient and health worker perspectives. *Implement Sci Commun*. 2021;2(1):71. <https://www.ncbi.nlm.nih.gov/pubmed/34193311>.
346. Shahmanesh M, Okesola N, Chimbindi N, Zuma T, Mdluli S, Mthiyane N, et al. Thetha Nami: participatory development of a peer-navigator intervention to deliver biosocial HIV prevention for adolescents and youth in rural South Africa. *BMC Public Health*. 2021;21(1):1393. <https://www.ncbi.nlm.nih.gov/pubmed/34256725>.
347. Shaik JS, Weld ED, Edick S, Fuchs E, Riddler S, Marzinke MA, et al. Multicompartmental Pharmacokinetic Evaluation of Long-Acting Cabotegravir in Healthy Adults for HIV Preexposure Prophylaxis. *Br J Clin Pharmacol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34240467>.
348. Shaikh N, Grimwood A, Eley B, Fatti G, Mathews C, Lombard C, et al. Delivering an integrated sexual reproductive health and rights and HIV programme to high-school adolescents in a resource-constrained setting. *Health Educ Res*. 2021;36(3):349-61. <https://www.ncbi.nlm.nih.gov/pubmed/34252188>.
349. Sharma AL, Hokello J, Tyagi M. Circumcision as an Intervening Strategy against HIV Acquisition in the Male Genital Tract. *Pathogens*. 2021;10(7). <https://www.ncbi.nlm.nih.gov/pubmed/34201976>.
350. Silvestri C, Stasi C, Lazzeretti M, Voller F. Substance Abuse Disorder and Viral Infections (Hepatitis, HIV): A Multicenter Study in Tuscan Prisons. *J Correct Health Care*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34232793>.
351. Simonich C, Shipley MM, Doepker L, Gobillot T, Garrett M, Cale EM, et al. A diverse collection of B cells responded to HIV infection in infant BG505. *Cell Rep Med*. 2021;2(6):100314. <https://www.ncbi.nlm.nih.gov/pubmed/34195680>.
352. Sims OT, Truong DN, Wang K, Melton PA, Atim K. Time to HCV Treatment Disfavors Patients Living with HIV/HCV Co-infection: Findings from a Large Urban Tertiary Center. *J Racial Ethn Health Disparities*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34254269>.

353. Singleton R, Billaud M, McLeod H, Tiendrebeogo G, Dia F, Obong'o C, et al. Making sense of fidelity: young Africans' cross-national and longitudinal representations of fidelity and infidelity in their HIV-related creative narratives, 1997-2014. *SAHARA J.* 2021;18(1):86-97. <https://www.ncbi.nlm.nih.gov/pubmed/34227445>.
354. Sivasankari M, Sinha P, Sunita BS, Awasthi S. A Case of Histoid Leprosy Presenting as Immune Reconstitution Inflammatory Syndrome (IRIS) in a Patient of Human Immunodeficiency Virus (HIV) Infection on Highly Active Retroviral Therapy (HAART). *Indian Dermatol Online J.* 2021;12(3):441-3. <https://www.ncbi.nlm.nih.gov/pubmed/34211913>.
355. Sorbera M, Fischetti B, Khaimova R, Niewinski M, Wen K. Evaluation of virologic suppression rates during the COVID-19 pandemic with outpatient interdisciplinary HIV care. *J Am Coll Clin Pharm.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34230911>.
356. Spagnolo-Allende A, Gutierrez J. Role of Brain Arterial Remodeling in HIV-Associated Cerebrovascular Outcomes. *Front Neurol.* 2021;12:593605. <https://www.ncbi.nlm.nih.gov/pubmed/34239489>.
357. Sperk M, Ambikan AT, Ray S, Singh K, Mikaeloff F, Diez RC, et al. Fecal metabolome signature in HIV-1 elite control phenotype: Enrichment of dipeptides act as HIV-1 antagonist but Prevotella agonist. *J Virol.* 2021:JVI0047921. <https://www.ncbi.nlm.nih.gov/pubmed/34232744>.
358. Spinelli MA, Hessol NA, Schwarcz SK, Scheer S, Gandhi M, Chin Hsu L. Disparities in Integrase Inhibitor Usage in the Modern HIV Treatment Era: A Population-Based Study in a US City. *Open Forum Infect Dis.* 2021;8(7):ofab139. <https://www.ncbi.nlm.nih.gov/pubmed/34250184>.
359. Stangl AL, Mwale M, Sebany M, Mackworth-Young CR, Chiiya C, Chonta M, et al. Feasibility, Acceptability and Preliminary Efficacy of Tikambisane ('Let's Talk to Each Other'): A Pilot Support Group Intervention for Adolescent Girls Living With HIV in Zambia. *J Int Assoc Provid AIDS Care.* 2021;20:23259582211024772. <https://www.ncbi.nlm.nih.gov/pubmed/34212766>.
360. Starr A, Jordan-Sciotto KL, Mironets E. Confound, Cause, or Cure: The Effect of Cannabinoids on HIV-Associated Neurological Sequelae. *Viruses.* 2021;13(7). <https://www.ncbi.nlm.nih.gov/pubmed/34206839>.
361. Stoica Calarasu C, Popa Miulescu AM, Turcu AA, Nitu FM. The Profile of the Patients with Double Infection HIV and TB in South West of Romania. *Curr Health Sci J.* 2021;47(1):107-13. <https://www.ncbi.nlm.nih.gov/pubmed/34211756>.
362. Stunnenberg M, van Hamme JL, Trimp M, Gringhuis SI, Geijtenbeek TBH. Abortive HIV-1 RNA induces pro-IL-1beta maturation via protein kinase PKR and inflammasome activation in humans. *Eur J Immunol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34223639>.
363. Sufiawati I, Herrera R, Mayer W, Cai X, Borkakoti J, Lin V, et al. Human immunodeficiency virus and human cytomegalovirus coinfection of infant tonsil epithelium may synergistically promote both HIV-1 and HCMV spread and infection. *J Virol.* 2021:JVI0092121. <https://www.ncbi.nlm.nih.gov/pubmed/34232730>.

364. Surratt HL, Otachi JK, McLouth CJ, Vundi N. Healthcare stigma and HIV risk among rural people who inject drugs. *Drug Alcohol Depend.* 2021;226:108878. <https://www.ncbi.nlm.nih.gov/pubmed/34214880>.
365. Swindells S, Lutz T, van Zyl L, Porteiro N, Stoll M, Mitha E, et al. Long-acting cabotegravir + rilpivirine for HIV-1 treatment: ATLAS week 96 results. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34261093>.
366. Tafadzwa D, Julien R, Lina B, Eliane R, Frederique C, Leigh J, et al. Spatiotemporal modelling and mapping of cervical cancer incidence among HIV positive women in South Africa: a nationwide study. *Int J Health Geogr.* 2021;20(1):30. <https://www.ncbi.nlm.nih.gov/pubmed/34187465>.
367. Tan TS, Toyoda M, Tokunaga K, Ueno T. Aromatic side chain at position 412 of SERINC5 exerts restriction activity toward HIV-1 and other retroviruses. *J Virol.* 2021;JV10063421. <https://www.ncbi.nlm.nih.gov/pubmed/34190600>.
368. Tao J, Montgomery MC, Williams R, Patil P, Rogers BG, Sosnowy C, et al. Loss to Follow-Up and Re-Engagement in HIV Pre-Exposure Prophylaxis Care in the United States, 2013-2019. *AIDS Patient Care STDS.* 2021;35(7):271-7. <https://www.ncbi.nlm.nih.gov/pubmed/34242092>.
369. Taverne B, Laborde-Balen G, Diaw K, Gueye M, Have NN, Etard JF, et al. Does universal health coverage reduce out-of-pocket expenditures for medical consultations for people living with HIV in Senegal? An exploratory cross-sectional study. *BMJ Open.* 2021;11(7):e046579. <https://www.ncbi.nlm.nih.gov/pubmed/34233979>.
370. Taylor S, Qiao S, Weissman S, Li X. Attitudes toward a mindfulness-based intervention from African American women living with HIV: A qualitative study. *SAGE Open Med.* 2021;9:20503121211025144. <https://www.ncbi.nlm.nih.gov/pubmed/34188932>.
371. Textor L, Schlesinger W. Treating risk, risking treatment: experiences of iatrogenesis in the HIV/AIDS and opioid epidemics. *Anthropol Med.* 2021:1-16. <https://www.ncbi.nlm.nih.gov/pubmed/34190020>.
372. Thapa R, Yang Y. Attitudes toward Menopause in HIV-Infected Cambodian Women. *Healthcare (Basel).* 2021;9(6). <https://www.ncbi.nlm.nih.gov/pubmed/34200010>.
373. Thomas JA, Irvine MK, Xia Q, Harriman GA. Service utilization and HIV outcomes among transgender women receiving Ryan White Part A services in New York City. *PLoS One.* 2021;16(7):e0253444. <https://www.ncbi.nlm.nih.gov/pubmed/34197479>.
374. Thompson JA, Francis SC. Better evidence for programmatic approaches to routine syphilis testing among men living with HIV: Does a stepped wedge trial provide the answer? *Clin Infect Dis.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34192310>.
375. Tikiso T, McIlleron H, Burger D, Gibb D, Rabie H, Lee J, et al. Abacavir pharmacokinetics in African children living with HIV: a pooled analysis describing the effects of age, malnutrition and common concomitant medications. *Br J Clin Pharmacol.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34260082>.

376. Todd L, MacDonell K, Naar S, Carcone AI, Secord E. Tailored Motivational Interviewing (TMI): A Pilot Implementation-Effectiveness Trial to Promote MI Competence in Adolescent HIV Clinics. *AIDS Behav.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34241760>.
377. Uzoaru F, Nwaozuru U, Ong JJ, Obi F, Obiezu-Umeh C, Tucker JD, et al. Costs of implementing community-based intervention for HIV testing in sub-Saharan Africa: a systematic review. *Implement Sci Commun.* 2021;2(1):73. <https://www.ncbi.nlm.nih.gov/pubmed/34225820>.
378. van den Berg K, Vermeulen M, Louw VJ, Murphy EL, Maartens G. Undisclosed HIV status and antiretroviral therapy use among South African blood donors. *Transfusion.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34224581>.
379. van Wyhe KS, Laughton B, Cotton MF, Meintjes EM, van der Kouwe AJ, Boivin MJ, et al. Cognitive outcomes at ages seven and nine years in South African children from the children with HIV early antiretroviral (CHER) trial: a longitudinal investigation. *J Int AIDS Soc.* 2021;24(7):e25734. <https://www.ncbi.nlm.nih.gov/pubmed/34259393>.
380. Vanangamudi M, Nair PC, Engels SEM, Palaniappan S, Namasivayam V. Structural Insights to Human Immunodeficiency Virus (HIV-1) Targets and Their Inhibition. *Adv Exp Med Biol.* 2021;1322:63-95. <https://www.ncbi.nlm.nih.gov/pubmed/34258737>.
381. Vanden Eynden X, Bouland C, Dequanter D, Gerbaux M, Kampouridis S, Boutremans E, et al. Ranula as the First Symptom of HIV Infection in Young Patients. *Case Rep Pediatr.* 2021;2021:8874662. <https://www.ncbi.nlm.nih.gov/pubmed/34258096>.
382. Vianna CMM, Mosegui GBG. Cost-effectiveness analysis and budgetary impact of the Cryptococcal Antigen Lateral Flow Assay (CRAG-LFA) implementation for the screening and diagnosis of cryptococcosis in asymptomatic people living with HIV in Brazil. *Rev Inst Med Trop Sao Paulo.* 2021;63:e57. <https://www.ncbi.nlm.nih.gov/pubmed/34231822>.
383. Villa-Rueda AA, Onofre-Rodriguez DJ, Churchill S, Ramirez-Barajas F, Benavides-Torres RA. Multilevel elements associated with HIV serosorting for sexual encounters: a scoping literature review. *Cien Saude Colet.* 2021;26(6):2183-94. <https://www.ncbi.nlm.nih.gov/pubmed/34231730>.
384. Villoslada-Blanco P, Perez-Matute P, Oteo JA. Lights and Shadows of Microbiota Modulation and Cardiovascular Risk in HIV Patients. *Int J Environ Res Public Health.* 2021;18(13). <https://www.ncbi.nlm.nih.gov/pubmed/34202210>.
385. von Hentig N, Angioni C, Konigs C. Determination of lopinavir/ritonavir concentrations in four different oral solutions for the application of antiretroviral therapy in very young, HIV-1-infected children. *South Afr J HIV Med.* 2021;22(1):1222. <https://www.ncbi.nlm.nih.gov/pubmed/34192069>.
386. Vyas P, Mathad JS, Leu CS, Naik S, Alexander M, Araujo-Pereira M, et al. Impact of HIV status on systemic inflammation during pregnancy. *AIDS.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34261096>.

387. Wada NI, Breen EC, Post WS, Stosor V, Macatangay BJ, Margolick JB. Long-term trajectories of C-reactive protein among men living with and without HIV infection in the Multicenter AIDS Cohort Study. *J Gerontol A Biol Sci Med Sci*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34223896>.
388. Wamalwa D, Njuguna I, Maleche-Obimbo E, Begnel E, Chebet DJ, Onyango JA, et al. Cytomegalovirus viremia and clinical outcomes in Kenyan children diagnosed with HIV in hospital. *Clin Infect Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34214163>.
389. Wang R, Wei Y, Wang M, Yan P, Jiang H, Du Z. Interaction of Natural Compounds in Licorice and Turmeric with HIV-NCp7 Zinc Finger Domain: Potential Relevance to the Mechanism of Antiviral Activity. *Molecules*. 2021;26(12). <https://www.ncbi.nlm.nih.gov/pubmed/34200973>.
390. Wang Y, Lin X, Li Y, Wen Y. Multiple small bowel perforations due to cytomegalovirus related immune reconstitution inflammatory syndrome in an HIV patient: A case report. *Medicine (Baltimore)*. 2021;100(28):e26605. <https://www.ncbi.nlm.nih.gov/pubmed/34260544>.
391. Wang Y, Zhou X, Saimi M, Huang X, Sun T, Fan G, et al. Risk Factors of Mortality From Pneumocystis Pneumonia in Non-HIV Patients: A Meta-Analysis. *Front Public Health*. 2021;9:680108. <https://www.ncbi.nlm.nih.gov/pubmed/34222179>.
392. Wang Z, Zhao B, An M, Song W, Dong X, Li X, et al. Transmitted drug resistance to Tenofovir/Emtricitabine among persons with newly diagnosed HIV infection in Shenyang city, Northeast China from 2016 to 2018. *BMC Infect Dis*. 2021;21(1):668. <https://www.ncbi.nlm.nih.gov/pubmed/34243716>.
393. Wardoyo SSI, Huang YL, Chuang KY. Determinants of the quality of life amongst HIV clinic attendees in Malang, Indonesia. *BMC Public Health*. 2021;21(1):1272. <https://www.ncbi.nlm.nih.gov/pubmed/34193121>.
394. Weis N, Katzenstein TL, Orbaek M, Storgaard M, Pedersen G, Johansen IS, et al. The Danish HIV Birth Cohort (DHBC) - a nationwide, prospective cohort. *BMJ Open*. 2021;11(7):e044565. <https://www.ncbi.nlm.nih.gov/pubmed/34244252>.
395. Weiss JJ, Spudich S, Barakat L. VZV myelitis with secondary HIV CSF escape. *BMJ Case Rep*. 2021;14(6). <https://www.ncbi.nlm.nih.gov/pubmed/34187795>.
396. Were N, Hikuam F, Lakhani I, B DN, Mkhathshwa M. An investment case: the role of advocacy in addressing discrimination of vulnerable and marginalized populations at risk for HIV in sub-Saharan Africa. *J Int AIDS Soc*. 2021;24 Suppl 3:e25719. <https://www.ncbi.nlm.nih.gov/pubmed/34189854>.
397. Wetzstein N, Geil A, Kann G, Lehn A, Schuttfort G, Kessel J, et al. Disseminated disease due to non-tuberculous mycobacteria in HIV positive patients: A retrospective case control study. *PLoS One*. 2021;16(7):e0254607. <https://www.ncbi.nlm.nih.gov/pubmed/34255788>.
398. Woldesenbet SA, Kufa-Chakezha T, Lombard C, Manda S, Cheyip M, Ayalew K, et al. Coverage of maternal viral load monitoring during pregnancy in South Africa: Results from the 2019 national Antenatal HIV Sentinel Survey. *HIV Med*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34213065>.

399. Woollett N, Pahad S, Black V. "We need our own clinics": Adolescents' living with HIV recommendations for a responsive health system. *PLoS One*. 2021;16(7):e0253984. <https://www.ncbi.nlm.nih.gov/pubmed/34197529>.
400. Worku MG, Tesema GA, Teshale AB. Prevalence and associated factors of HIV testing among reproductive-age women in eastern Africa: multilevel analysis of demographic and health surveys. *BMC Public Health*. 2021;21(1):1262. <https://www.ncbi.nlm.nih.gov/pubmed/34187431>.
401. Wu H, Yu Q, Ma L, Zhang L, Chen Y, Guo P, et al. Health economics modeling of antiretroviral interventions amongst HIV serodiscordant couples. *Sci Rep*. 2021;11(1):13967. <https://www.ncbi.nlm.nih.gov/pubmed/34234232>.
402. Xie N, Hu X, Yan H, Ruan L, Liu C, Hu R, et al. Effects of Case Management on Risky Sexual Behaviors and Syphilis among HIV-infected Men Who Have Sex with Men in China: A Randomized Controlled Study. *Sex Transm Dis*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34192724>.
403. Yabar CA, Vilcarino GF, Espetia S, Yaya MG, Salinas G, Garcia-Fernandez L, et al. Transmitted resistance in HIV-1 of patients from nine departments of Peru. *Rev Peru Med Exp Salud Publica*. 2021;38(1):77-82. <https://www.ncbi.nlm.nih.gov/pubmed/34190929>.
404. Yakut N, Kepenekli E. Evaluation of infants with HIV-infected mothers and perinatal transmission in Turkey: A single-center experience. *North Clin Istanbul*. 2021;8(3):243-8. <https://www.ncbi.nlm.nih.gov/pubmed/34222804>.
405. Yamashita K, Shimomura Y, Ikesue H, Muroi N, Yoshimoto A, Hashida T. Safety and efficacy evaluation of low-dose trimethoprim-sulfamethoxazole for prophylaxis of Pneumocystis pneumonia in HIV uninfected patients undergoing hemodialysis: a retrospective observational study. *BMC Infect Dis*. 2021;21(1):664. <https://www.ncbi.nlm.nih.gov/pubmed/34238239>.
406. Yamayoshi A, Fukumoto H, Hayashi R, Kishimoto K, Kobori A, Koyanagi Y, et al. Development of 7SK snRNA mimics that inhibit HIV transcription. *ChemMedChem*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34233081>.
407. Yang F, Yang J, Zhang Z, Tu G, Yao X, Xue W, et al. Recent Advances in Computer-aided Antiviral Drug Design Targeting HIV-1 Integrase and Reverse Transcriptase Associated Ribonuclease H. *Curr Med Chem*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34238145>.
408. Yang FN, Hassanzadeh-Behbahani S, Bronshteyn M, Dawson M, Kumar P, Moore DJ, et al. Connectome-based prediction of global cognitive performance in people with HIV. *Neuroimage Clin*. 2021;30:102677. <https://www.ncbi.nlm.nih.gov/pubmed/34215148>.
409. Yazie TS. Derangement of Liver Enzymes, Hyperglycemia, Anemia, and Associated Factors among HIV-Infected Patients Treated with Tenofovir Disoproxil Fumarate-Based Regimen in Ethiopia: A Prospective Cohort Study. *Biomed Res Int*. 2021;2021:6613519. <https://www.ncbi.nlm.nih.gov/pubmed/34222476>.

410. Yoder AK, Lakomy DS, Dong Y, Raychaudhury S, Royse K, Hartman C, et al. The association between protease inhibitors and anal cancer outcomes in veterans living with HIV treated with definitive chemoradiation: a retrospective study. *BMC Cancer*. 2021;21(1):776. <https://www.ncbi.nlm.nih.gov/pubmed/34225709>.
411. Yoo-Jeong M, Anderson A, Gannon BR, Schnall R. A systematic review of engagement in care and health care utilization among older adults living with HIV and non-communicable diseases. *AIDS Care*. 2021;1-10. <https://www.ncbi.nlm.nih.gov/pubmed/34251920>.
412. You CY, Hu F, Lu SW, Pi DD, Xu F, Liu CJ, et al. Talaromyces Marneffeii Infection in an HIV-Negative Child with a CARD9 Mutation in China: A Case Report and Review of the Literature. *Mycopathologia*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34224076>.
413. Yuan H, Liu Z, Wu X, Wu M, Fang Q, Zhang X, et al. Prevalence of transmitted HIV-1 drug resistance among treatment-naïve individuals in China, 2000-2016. *Arch Virol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34195923>.
414. Zandoni BC, Archary M, Sibaya T, Musinguzi N, Kelley ME, McManus S, et al. Development and validation of the HIV adolescent readiness for transition scale (HARTS) in South Africa. *J Int AIDS Soc*. 2021;24(7):e25767. <https://www.ncbi.nlm.nih.gov/pubmed/34235876>.
415. Zhang H, Yin Y, Wang H, Han Y, Wang X, Liu Y, et al. Identification of Self-Management Behavior Clusters Among People Living with HIV in China: A Latent Class Profile Analysis. *Patient Prefer Adherence*. 2021;15:1427-37. <https://www.ncbi.nlm.nih.gov/pubmed/34211267>.
416. Zhang J, Vernon K, Li Q, Benko Z, Amoroso A, Nasr M, et al. Single-Agent and Fixed-Dose Combination HIV-1 Protease Inhibitor Drugs in Fission Yeast (*Schizosaccharomyces pombe*). *Pathogens*. 2021;10(7). <https://www.ncbi.nlm.nih.gov/pubmed/34202872>.
417. Zhang S, Lopez I, Washington B, Gaudet B, Rodriguez CA, Sanders LJ. Assessing the Attitude of Tampa Bay Youth toward HIV Self-Testing Kits. *Trop Med Infect Dis*. 2021;6(3). <https://www.ncbi.nlm.nih.gov/pubmed/34202187>.
418. Zhao S, Tsibris A. Leveraging Novel Integrated Single-Cell Analyses to Define HIV-1 Latency Reversal. *Viruses*. 2021;13(7). <https://www.ncbi.nlm.nih.gov/pubmed/34206546>.
419. Zhao X, Wilson K, Uteshev V, He JJ. Activation of alpha7 nicotinic acetylcholine receptor ameliorates HIV-associated neurology and neuropathology. *Brain*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34196664>.
420. Zheng L, Tierney C, Bosch RJ. Analytical Treatment Interruption in HIV Trials: Statistical and Study Design Considerations. *Curr HIV/AIDS Rep*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34213731>.
421. Zhong X, Luo R, Yan G, Ran K, Shan H, Yang J, et al. Lead optimization to improve the antiviral potency of 2-aminobenzamide derivatives targeting HIV-1 Vif-A3G axis. *Eur J Med Chem*. 2021;224:113680. <https://www.ncbi.nlm.nih.gov/pubmed/34245947>.

422. Zifodya JS, Temu TM, Masyuko SJ, Nyale G, Kinuthia J, Page ST, et al. HIV, Pulmonary Infections, and Risk of Chronic Lung Disease among Kenyan Adults. *Ann Am Thorac Soc.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34237231>.

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