

Venue: Hall 1

Presentation: Tuesday 24 July, 12:30-14:30

The Poster Exhibition is open from Tuesday 24 - Thursday 26 July from 10:00 to 18:30.

Posters are displayed for viewing from Tuesday to Thursday. Each poster is displayed for one day. Authors will stand by their posters between 12:30 and 14:30 to answer questions and provide further information on their study results on their presentation day.

TOPICS PRESENTED

Track A: HIV Evolution and phylodynamics (Intra- and Inter-Host); Virology; Immune responses (innate and adaptive)
Track B: Diagnostic and Monitoring; Comorbidities; Cancer
Track C: Epidemiology of HIV; Modelling and understanding the HIV epidemic
Track D: Social science theories, methods, and social production of knowledge; Living with HIV; Human rights: legal, political, and societal factors and responses
Track E: Global and national financing, economic evaluation, and sustainability; Opportunities for economies of scale and scope; HIV & development synergies; Innovations in data collection, monitoring and evaluation

Note: There may be gaps in the poster numbering due to withdrawn abstracts.

Track A: Basic and translational research

PEA001-A006 Viral origins, evolution and diversity

- TUPEA001 **Evaluation of phylogenetic inference methods to determine direction of HIV transmission**
R. Rose, A.D. Redd, S. Lamers, S.F. Porcella, S.E. Hudelson, E. Piwowar-Manning, M. McCauley, T. Gamble, E.A. Wilson, J. Kumwenda, M.C. Hosseinipour, J.G. Hakim, N. Kumarasamy, S. Chariyalertsak, J.H. Pilotto, B. Grinsztejn, L.A. Mills, J. Makhema, B.R. Santos, Y.Q. Chen, T.C. Quinn, M.S. Cohen, S.H. Eshleman, O. Laeyendecker, HPTN 052 Study Team
United States
- TUPEA002 **FAVITES: A framework for the simulation of compatible viral transmission networks, phylogenetic trees and sequences**
N. Moshiri, M. Ragonnet-Cronin, J. Wertheim, S. Mirarab
United States
- TUPEA003 **Universal target capture of HIV sequences from NGS libraries**
J. Yamaguchi, A. Olivo, O. Laeyendecker, K. Forberg, N. Ndambi, D. Mbanya, L. Kaptue, T. Quinn, G. Cloherty, M. Rodgers, M. Berg
United States
- TUPEA004 **Near full-length sequence analysis reveals no evidence of HIV-1 replication during therapy**
S.-K. Lee, A. Rogers, Y. Xu, J. Warren, N. Goonetilleke, S. Zhou, S. Kosakovsky Pond, M. Bednar, B. Hauser, C. Gay, J. Kuruc, N. Archin, J. Eron, D. Margolis, R. Swanstrom
United States
- TUPEA005 **Many introductions but little transmission of HIV-1 non-B subtypes amongst heterosexuals in the Netherlands**
D. Bezemer, M. Hall, A. van Sighem, P. Reiss, C. Fraser, O. Ratmann
Netherlands

- TUPEA006 **HIV low level viremia can be caused by production of defective virus**
A.J. Stam, M. Nijhuis, S. Loth, R. van Crevel, J. Rahamat-Langendoen, M.A.A. Claassen, H.S.M. Ammerlaan, J.E. Arends, M.E.E. van Kasteren, S.F.L. Lelyveld, W.F.W. Bierman, A.M.J. Wensing, LOWERIT Study Team
Netherlands

PEA007-A008 Viral fitness and resistance

- TUPEA007 **Pol replicative capacity impacts disease progression in HIV-1 subtype C infection: Implications for vaccine design**
D. Ojwach, T. Ndung'u, J. Mann
South Africa
- TUPEA008 **Evidence of high-level Raltegravir (RAL) resistance in patients from South Africa failing second-line antiretroviral therapy (ART)**
A.E.A. Obasa, M. Classen, R. Cloete, K. Singh, U. Neogi, G. Jacobs
South Africa
- PEA009 **Entry (attachment, receptors and co-receptors, penetration and tropism)**
- TUPEA009 **HIV-1 utilizes cellular galectin-3 to facilitate virological synapse mediated viral transmission and infection among CD4+ T cells**
R.-Y. Yuan, C.-S. Yeh, W.-H. Wang, Y.-M.A. Chen, H.-Y. Chen, F.-T. Liu, S.-F. Wang
Taiwan, China

PEA010-A011 Viral replicative cycle (reverse transcription, integration, viral assembly and maturation)

- TUPEA010 **Analysis of the HIV-1 diversity in the remote areas of the Cape Winelands, Overberg and West Coast districts of the Western Cape Province of South Africa**
S.G. Mikasi, B.G. Jacobs, S. Engelbrecht
South Africa
- TUPEA011 **Resolving the intersection of HIV and the actin cytoskeleton**
A. Ospina Stella, A. Aggarwal, S. Turville
Australia

PEA012-A013 Transcriptional and gene expression regulation (including regulatory genes)

- TUPEA012 **Analysis of Vpu-mediated CD4 and tetherin downregulation across major HIV-1 group M subtypes**
G. Umvilighozo, K. Cobarrubias, S. Chandrarathna, N. Reddy, H. Byakwaga, C. Muzoora, B. Bwana, G. Lee, P.R. Harrigan, T. Ndung'u, P. Hunt, J. Martin, D. Bangsberg, Z.L. Brumme, M. Brockman
Canada
- TUPEA013 **HIV-1 p55Gag interaction with Dicer induces a dysregulation of specific micro RNAs and other small non-coding RNAs**
S.P. Alpuche-Lazcano, A. Daher, E. Rance, A.J. Moulard, A. Gatignol
Canada

PEA014-A018 Innate immunity

- TUPEA014 **DDX3 senses abortive HIV-1 RNA transcripts and enhances immunity against HIV-1**
M. Stunnenberg, S. Gringhuis, T. Geijntjenbeek
Netherlands

TUPEA015 **Antiretroviral therapy effect on lymphocyte numbers and phenotypes in HIV infected children**
J.T. Orikiiriza, B. Kikaire, R. Nabatanzi, J. Nakawesi, D. Turitwenka, A. Kambugu, M. Lamorde, F. Mubiru, J. Normark, J. Achan, V. Musiime, F. Lithander, A. Mullen, M. Hennessy, D.G. Doherty
 Rwanda

TUPEA016 **Neutrophil dynamics during the highly pathogenic SIVsab infection of pigtailed macaques**
E. Brocca Cofano, H. Tianyu, R. Sivanandham, B.B. Policicchio, P. Sette, T. Dunsmore, G.S. Haret-Richter, A. Landay, C. Apetrei, I. Pandrea
 United States

TUPEA017 **SAMHD1 has a central role in restricting HIV-1 in macrophages and is responsive to interferons, viral sensing and tyrosine kinase inhibition**
M.A. Szaniawski, A.M. Spivak, T. Hanley, A. Bosque, J. Alcamí, M.T. Coiras, V. Planelles
 United States

TUPEA018 **Evidence for elevated inflammation in young gay and bisexual men**
E. Morgan, H. Taylor, D. Ryan, R. D'Aquila, B. Mustanski
 United States

PEA019-A024 Humoral immunity (including broadly neutralizing antibodies)

TUPEA019 **Neutralizing antibody response in HIV-1 CRF02_AG infected subjects**
A.J. Nanfack, G. Ambada, C. Courtney, A. Ndjolo, R. Duerr
 Cameroon

TUPEA020 **Broadly neutralizing antibodies and their specificities in chronic HIV-1 subtype C infection**
K. Robertson, B. Ndlovu, L. Morris, P. Moore, T. Ndung'u
 South Africa

TUPEA021 **Broadly neutralizing plasma antibodies obtained from an Indian donor with specificity to linear epitopes in V1 and V4 region of viral Env preferentially neutralize HIV-1 clade C**
S. Deshpande, R. Kumar, S. Samal, S. Patil, T. Shrivastava, K.G. Murugavel, A.K. Srikrishnan, J. Bhattacharya
 India

TUPEA022 **Generation of immunogens based on virus-like particles carrying HIV-1 envelopes from patients with broadly neutralizing responses within the first 6 months of infection**
C. Beltrán-Pavez, N. González, A. Fabra García, A. Merino Mansilla, A. Olvera, J.M. Miró, C. Brander, J. Alcamí, E. Yuste, V. Sánchez-Merino
 Spain

TUPEA023 **Identification of VRC01-like neutralizing antibody response in HIV-1 subtype C infected individuals from Southern India**
P. Nandagopal, J. Bhattacharya, A.K. Srikrishnan, G. Rajat, C.R. Swathirajan, S. Saravanan, R. Vignesh, S.S. Solomon, S. Nikhil, M. Joyeeta, C. Shweta, K.G. Murugavel
 India

TUPEA024 **Characterization of the humoral response directed against the Antisense Protein of HIV-1 in patients**
J. Savoret, P. Van de Perre, J.-M. Mesnard, A. Gross
 France

PEA025-A031 **Cellular immunity**

TUPEA025 **The lower spare respiratory and glycolytic capacity of peripheral blood mononuclear cells from MSM is not associated with CMV infection**
Z. Kruize, I. Maurer, K.A. van Dort, N.A. Kootstra
 Netherlands

TUPEA026 **TGFβ1 enhances R5 tropic HIV infection in activated and resting memory CD4 T cells through upregulating CCR5 expression**
K.S. Lam, K.-W. Cheung, Z. Chen
 Hong Kong, SAR of China

TUPEA027 **Changes in circulating gamma delta T cell subset numbers in immunological and virological responders and non-responders among HIV-infected children on antiretroviral therapy**
J.T. Orikiiriza, B. Kikaire, R. Nabatanzi, J. Nakawesi, D. Turitwenka, A. Kambugu, M. Lamorde, F. Mubiru, J. Normark, J. Achan, G. Ndeezi, V. Musiime, F. Lithander, A. Mullen, M. Hennessy, D.G. Doherty
 Rwanda

TUPEA028 **Antiviral activity correlates with the phenotype and polyfunctionality of stimulated CD8+ T-cells from HIV+ subjects who initiated cART at different time points after acute infection**
J. Salido, M.J. Ruiz, C. Trifone, M.I. Figueroa, M.P. Caruso, M.M. Gherardi, O. Sued, H. Salomón, N. Laufer, Y. Ghiglione, G. Turk
 Argentina

TUPEA029 **Comprehensive analysis of TCR cross-recognition against Gag TL9**
G. Anmole, R.L. Miller, F. Ogunshola, B.D. Walker, T. Ndung'u, Z.M. Ndhlovu, M.A. Brockman
 Canada

TUPEA030 **Selective immune cell depletion of mycobacterium tuberculosis (Mtb) in whole-blood bactericidal assay (WBA)**
G.B. Cross, B.C. Yeo, M.C. Tan, R. Verma, Q. Lu, N.I. Paton
 Singapore

TUPEA031 **An increased of T cell immunity in HIV-infected patients: A post-hoc analysis of the IPROTECT1 therapeutic vaccine Phase II study**
P. Debre, B. Combadière, V. Vieillard, Iprotect1 Study Group
 France

PEA032-A034 Mucosal immunity

TUPEA032 **Mucosal IL-7 response in the gut during HIV/SIV acute infection**
C. Moraes-Cabe, M. Rancez, B. de Muylder, S. Morgado, M. Mas, R. Cheyrier, A. Couedel-Courteille
 France

TUPEA033 **Genital inflammation and cervical T-cell activation associated with sexually transmitted infections in adolescent girls and young women at high risk of HIV infection**
S. Dabee, S.L. Barnabas, H.B. Jaspan, S.Z. Jaumdally, H. Gamieldien, K. Lennard, L. Masson, D.A. Lewis, C. Gray, J. Dietrich, G. Gray, N.N. Mkhize, A.-L. Williamson, T.J. Hope, F. Chiodi, R. Shattock, L.-G. Bekker, J.-A.S. Passmore
 South Africa

TUPEA034

Differential genital inflammation associated with *Chlamydia trachomatis* sequence types in adolescent girls and young women at high risk of HIV infection

S. Barnabas, B. Versteeg, S. Dabee, D. Lewis, E. Muller, H. Jaspan, S. Jaumdally, H. Gamielien, L. Masson, N. Mkhize, J. Dietrich, G. Gray, L.-G. Bekker, H. de Vries, S. Bruisten, J.-A. Passmore
South Africa

Track B: Clinical research

PEB035-B039 HIV testing and retesting (e.g. point of care diagnostics)

TUPEB035 **Laboratory development of a modified ELISA assay for HIV-1 incidence estimation**

L. Bai, R. Xin, C. Huang, N. Xiang, W. Chen, X.-G. Zhang, Professional Institution for HIV Lab Diagnosis and Intervention in Beijing
China

TUPEB036 **Implementation lessons of integrating early infant diagnosis of HIV at point of care using Xpert® HIV-1 Qual in four public hospitals in Myanmar**

W.L. Yee, H. Htay, Y. Mohamed, H.H. Tin, W. Thein, L.L. Kyaw, W.W. Yee, M.M. Aye, S. Badman, A. Vallely, X.-S. Chen, S. Crowe, M. Stoové, D. Anderson, P. Agius, C. Ryan, A. Kelly-Hanku, S. Luchters
Myanmar

TUPEB037 **Volume and yield of pediatric HIV testing by modality in 21 PEPFAR-supported African programs**

G. Siberry, J. Roffenbender
United States

TUPEB038 **Adapting HIV testing algorithms and clinical advice for people with persistently indeterminate test results - a novel national referral clinical service**

C. Brown, S. Fidler, M. Khan, S. Kaye, D. Muir, P. Patel, A. Menezes, T. Mbisa, J. Tosswill, G. Taylor
United Kingdom

TUPEB039 **Making a big impact on expanding HIV inpatient testing with a small EHR modification**

T. Nguyen, M. Hart, M. Tran, J. Rocha, A. Grigoriu, W. Bracco, S. Walsh, K. Lushbough, M. Ghias, Y. Elamir, W. Grist, K. Bogdansky, C. Faludi, L. Alerte
United States

PEB040 CD4 measurement (e.g. point of care diagnostics)

TUPEB040 **Performance evaluation of a point-of-care (POC) CD4 test device (Visitect® CD4) for use in resource-limited settings**

V. Vidhyavathi, K. Kanthamani, P. Nandagopal, H. Syed Iqbal, J. Forbes, S. Sunil Suhas, E. Valente, S. Crowe, C. McMurrin, D. Anderson, P. Balakrishnan
India

PEB041-B044 Viral load measurement (e.g. point of care diagnostics)

TUPEB041 **Achieving the 3rd 90: Monitoring of viral load testing in Jhpiego- MCSP facilities in Haiti: A program intervention**

S. Martelly, S.T. Omero, S. Stender, R.K. Bestien, R. Masse, K. Francois
Haiti

TUPEB042 **Field evaluation of the Biocentric® platform for HIV viral load testing utilizing plasma samples in Swaziland: A diagnostic accuracy study**

G. Maphalala, P.A.D. Uribe, Q. Mpala, P. Nxumalo, S. Kalombola, A. Bekele, T. Chawinga, M. Maphalala, R. Nesbitt, N. Ntshalintshali, R. de la Tour, E. Fajardo, J. Goiri, N. Phugwayo, S. Dlamini, A. Jani, I. Ciglenecki, B. Kerschberger
Swaziland

TUPEB043 Increased access to HIV viral load testing among ART patients in Côte d'Ivoire (2015 to 2017)

*C. Adje-Toure, A. Ekra, A. Micheline, L. Ya Kouadio, J.B. Amani, J. Hedje
Cote d'Ivoire*

TUPEB044 Are all people on antiretroviral treatment having their HIV viral load monitored? Gaps analysis in Latin America and the Caribbean

*A. Leal, G. Ravasi, M. Alonso
WHO*

PEB045-B046 Measuring ART adherence (drug levels, dried blood spots, hair sampling)

TUPEB045 A method to analyze tenofovir alafenamide (TAF) in hair for adherence monitoring

*H. Okochi, A. Louie, K. Kuncze, C. Koss, L. Benet, N. Phung, M. Gandhi, UCSF Hair Analytical Laboratory (HAL)
United States*

TUPEB046 A method to quantify dolutegravir, poised to become first-line therapy worldwide, in small hair samples as a metric of adherence and exposure

*H. Okochi, N. Phung, K. Kuncze, S. Lockman, C. Koss, L. Benet, A. Louie, M. Gandhi, UCSF Hair Analytical Laboratory (HAL)
United States*

PEB047-B053 Drug resistance testing

TUPEB047 Antiretroviral drug resistance among Nigerian men who have sex with men

*T.A. Crowell, G. Kijak, N. Ndambi, S. Tovanabuttra, E. Sanders-Buell, A.M. O'Sullivan, A. Kokogho, S. Adebajo, R.G. Nowak, S.D. Baral, M.L. Robb, M.E. Charurat, J.A. Ake, TRUST/RV368 Study Group
United States*

TUPEB048 HIV Integrase inhibitors resistance in treatment naïve HIV-1 infected populations in Taiwan: Impact of next generation sequencing

*H.-C. Tsai, I.-T. Chen, P.-Y. Chou, S.S.-J. Lee, Y.-S. Chen
Taiwan, China*

TUPEB049 Patterns of antiretroviral drug resistance in a rural HIV-1 infected cohort: Amajuba District, South Africa

*J. Flores-Gonzalez
South Africa*

TUPEB050 HIV drug resistance analysis by Next Generation Sequencing among HIV infected pregnant women from Buenos Aires, Argentina

*J.A. Sfalcin, A.G. Gomez, D. Cecchini, I. Zapiola, S. Fernandez Giuliano, L. Mammana, A. Seravalle, F.F. Fay, M.B. Bouzas
Argentina*

TUPEB051 Validation of a cost effective and sensitive HIV-1C integrase genotyping assay

*K. Seatla, W. Choga, M. Mogwele, T. Diphoko, T. Mogashoa, L. Mupfumi, I. Kasvosve, S. Moyo, S. Gaseitsiwe
Botswana*

TUPEB052 Next generation sequencing of pooled samples provides comparable data to sanger sequencing for the detection of HIV protease inhibitor mutations

*M. Yousif, S. Carmona, J. Ledwaba, K. Steegen, L. Morris, G. Hunt
South Africa*

TUPEB053 Clinical characteristics of HIV-1-infected patients with multi-drug resistance to antiretroviral therapy - first results from the LOWER study

*M. Däumer, E. Wolf, M. Bickel, A. Stoehr, H. Knechten, S. Esser, C. Wyen, I. Krznic, M. Müller, J. Brust, J.-C. Wasmuth, H.-A. Horst, S. Holm, A. Thielen, C. Hoffmann
Germany*

PEB054-B062 Diagnostics of co-infections and comorbidities

TUPEB054 Satisfaction with anal cancer screening among men who have sex with men who are at risk for and living with HIV in Abuja, Nigeria

*W. Dauda, C.H. Nnaji, N. Ndambi, J.M. Palefsky, U.C. Ononaku, C. Katu, A. Mitchell, T.A. Crowell, S.D. Baral, M.E. Charurat, K.J. Cullen, R.G. Nowak
Nigeria*

TUPEB055 Effect of CD4 count on the performance of GeneXpert test for tuberculosis (TB) in people living with HIV (PLHIV) in Swaziland: A cross sectional diagnostic study

*M. Pasipamire, N. Mahlalela, D. Khumalo, G. Maphalala, N. Lukhele, P. Mndzebele, S. Haumba
Swaziland*

TUPEB056 Anal, oral and genital distribution of HPV in PrEP-users MSM: Results at baseline of the ANRS IPERGAY HPV sub-study

*L. Cotte, D. Veyer, I. Charreau, J.F. Flejou, H. Péré, E. Cua, J. Chas, I. Heard, C. Delaugerre, C. Capitant, J.M. Molina, IPERAGY ANRS
France*

TUPEB057 Diagnostic value of 18 FDG PET/CT in undiagnosed opportunistic infections among symptomatic HIV/AIDS patients

*U.E. Mathew, N. Nischal, M. Tripathi, C. Das, M. Soneja
India*

TUPEB058 Cervical cancer screening and prevalence and treatment of cervical abnormality in women living with HIV: Results from the Malawi population-based HIV impact assessment (MPHIA) 2015-16

*S. Jonnalagadda, D. Payne, A. Voetsch, S. Forhan, E. Radin, C. West, A. Maida, L. Sithole, M. Odo, H. Patel, J. Cuervo-Rojas, C. Wang, H. Longwe, E. Kim, MPHIA Study Team
United States*

TUPEB059 Xpert MTB/RIF for rapid diagnosis of extra-pulmonary tuberculosis in high HIV and tuberculosis burden settings

*M. Tadesse, M. Bezabih, G. Abebe, D. Yilma, L. Rigouts
Ethiopia*

TUPEB060 Diagnostic accuracy of Xpert MTB/Rif in detecting pulmonary tuberculosis among people living with HIV at the research institute for tropical medicine

*A. Gianan, N. Macalalad, M. Lucero
Philippines*

TUPEB061 Evaluation of a prototype cobas®MTB assay for use on the cobas® 6800/8800 Systems for the detection of Mycobacterium tuberculosis in a high burden HIV patient population

*L. Scott, A. David, J. Furrer, F. Schneider, L. Govender, S. Kumar, F. Bastos, S. Lange, P. Loetscher, N. Martinson, E.M. Marlowe, W. Stevens
South Africa*

TUPEB062 **Stopping HIV in its tracks - expanding testing for HIV and a common comorbid infection can halt the epidemic**
C. Lushbough, L. Alerte, K. Bogdansky, Y. Elamir, C. Faludi, M. Ghias, W. Grist, K. Gyekye, M. Hart, T. Nguyen, J. Rocha, M. Tran, A. Grigoriu
 United States

PEB063-B066 Biomarkers for the prediction of morbidity and mortality

TUPEB063 **Predictive value of hepatitis C seropositivity or liver fibrosis scores to detect low CD4+ T--cells counts following treatment for HIV in Egyptians: A cross-sectional study**
A. Cordie, W. Kamal, M. Elsayid, A. Elsharkawy, S. Abdel Alem, Z. Abdellatif, M. Al Askalany, S. Meshaal, A. Kandeel, A. d'Arminio Monforte, G. Esmat
 Egypt

TUPEB064 **Evaluation of plasma glutathione levels in HIV-infected children in Benin City, Nigeria: A cross-sectional study**
E. Ogonor, W.E. Sadoh, P.O. Abiodun
 Nigeria

TUPEB065 **Longitudinal change in leukocyte telomere length and mitochondrial DNA in people living with HIV**
R. Minami, S. Takahama, M. Komatsu, M. Yamamoto
 Japan

TUPEB066 **Plasma biomarkers of systemic inflammation and immune activation in advanced HIV infection in sub-Saharan Africa before and during antiretroviral therapy**
S. Kroeze, F. Wit, T. Rossouw, C. Kityo, M. Siwale, S. Akanmu, K. Mandaliya, P. Ondoa, P. Reiss, T. Rinke de Wit, N. Kootstra, R. Hamers
 Netherlands

PEB067-B072 Neurologic disorders

TUPEB067 **Peripheral neuropathy in HIV-1 in diverse resource-limited settings: Lost feet on the ground**
A. Vecchio, C.M. Marra, J. Schouten, H. Jiang, J. Kumwenda, K. Supparatpinyo, J. Hakim, N. Sacktor, T. Campbell, S. Tripathy, N. Kumarasamy, A. La Rosa, B. Santos, M. T. Silva, C. Kanyama, C. Firnhhaber, M. C. Hosseinipour, R. Mngqibisa, K. Robertson
 5199 and 5271 Study Teams
 United States

TUPEB068 **Subjective and objective improvement on cognition after discontinuing efavirenz in asymptomatic HIV patients**
C.S. Hakkers, J.E. Arends, G.E. van den Berk, M.H.M. Ensing, I. Hooijenga, M. Vink, M.J.E. van Zandvoort, A.I.M. Hoepelman
 Netherlands

TUPEB069 **Different association pattern of each cognitive impairment with age and time of infection in HIV-infected patients**
K. Komatsu, E. Kinai, M. Sakamoto, T. Taniguchi, A. Nakao, T. Sakata, A. Iizuka, T. Koyama, T. Ogata, A. Inui, S. Oka, for the HIV-Associated Neurocognitive Disorders in Japanese (J-HAND) Study Group
 Japan

TUPEB070 **Brain metabolic markers in HIV-infected individuals with or without antiretroviral therapy by magnetic resonance spectroscopy**
J. Tanuma, T. Iida, M. Morooka, N. Arai, K. Kubota, S. Oka, Y. Ishizaka, M. Shimura
 Japan

TUPEB071 **The effect of alcohol consumption on specific neuropsychological testing domains in patients enrolled in the Neurocognitive Assessment in the Metabolic and Aging Cohort study (NAMACO)**
K. Darling, N. Benghalem, I. Locatelli, I. Nadin, P. Brugger, K. Gutbrod, S. Frueh, R. Pignatti, U. Kunze, T. Lecompte, C. Hauser, B. Hasse, P. Tarr, M. Stoeckle, C. Di Benedetto, P. Schmid, R. Du Pasquier, M. Cavassini
 Switzerland

TUPEB072 **Higher prevalence of neurocognitive impairment among aging HIV-infected women despite lower comorbidities than men**
A. Hiransuthikul, J. Samajarn, P. Vongsayan, N. Kijpaisalratana, W. Akarathanawat, A. Chutinet, S. Keadpuksa, T. Apornpong, S. Sakulrak, P. Chan, S. Gatechompol, W.M. Han, A. Sangarlangkarn, K. Ruxrungtham, A. Avihingsanon, HIV-NAT 006/HIV-NAT 207 Study Team
 Thailand

PEB073-B079 Depression and other psychiatric manifestations

TUPEB073 **Association between changes in hazardous drinking and subsequent antiretroviral medication adherence, HIV viral control, and condomless sex**
D. Satre, W. Leyden, C. Hare, S. Catz, M. Horberg, E. Williams, M. Silverberg
 United States

TUPEB074 **Prevalence of depression and suicidal ideation among people living with hiv/aids in a tertiary health facility in Ibadan, Nigeria**
S.O. Ngene, F.A. Adenuga, B. Olusola Margaret, E. Godwin Joseph
 Nigeria

TUPEB075 **Results of anxiety and depression screening as part of routine HIV care**
M.J. Kleene, E. van Gorsel, J. Lijmer, D. Ait Moha, K. Brinkman, I. Schouten, N. van der Meche, G. van den Berk
 Netherlands

TUPEB076 **Higher prevalence of depression among aging HIV-positive compared to HIV-negative individuals**
A. Hiransuthikul, S. Sakulrak, T. Apornpong, A. Avihingsanon, J. Jamthong, W.M. Han, S. Gatechompol, S. Kerr, A. Sangarlangkarn, K. Ruxrungtham, HIV-NAT 207 Study Team
 Thailand

TUPEB077 **Association between access to public distribution system, food security and depression among female sex workers in India**
S.K. Patel, B. Mahapatra, M. Battala, Y. Atmavilas
 India

TUPEB078 **Prevalence and treatment of insomnia in persons with HIV well engaged in medical care**
S. Oster, P. Barbosa, S. Prieto, P. Bloom, D. Fierer, J. Weiss
 United States

TUPEB079 **Comparison of depression and anxiety between HIV-positive and HIV-negative people**
F. Lampe, A. Miners, N. Kreif, A. Miltz, A. Phillips, J. Sewell, L. Sherr, J. Anderson, R. Gilson, R. O'Connell, A. Clarke, M. Johnson, E. Wilkins, S. Collins, J. Eiford, A. Speakman, A. Rodger, for the ASTRA and AURAH Study Groups
 United Kingdom

PEB080-B083 Malignancies (AIDS and non-AIDS)

TUPEB080 Burden and characteristics of cancer in an HIV cohort at Newlands Clinic, Zimbabwe: A cross sectional descriptive study

*S. Bote, T. Shamu, C. Chimbetete, M. Wellington
Zimbabwe*

TUPEB081 The impact of HIV on hepatocellular cancer survival in Nigeria

*E. Okeke, M. Davwar Pantong, B. Mullen, M. Duguru, O. Agbaji, A. Sagay, R. Murphy, C. Hawkins
Nigeria*

TUPEB082 Characteristics of HIV positive Rwandan women testing positive for human papillomavirus (HPV) and visual inspection after acetic acid (VIA): Implications for cervical cancer prevention in resource limited settings

*G. Murenzi, J.D. Sinayobye, T. Rurangwa, H.-Y. Kim, K. Anastos, P.E. Castle, A. Adedimeji
Rwanda*

TUPEB083 Early detection of anal cancer in men who have sex with men (MSM) living with HIV by incorporating digital anorectal examinations (DARE) into routine HIV care: A prospective cohort study

*J.J. Ong, S. Walker, A. Grulich, J. Hoy, T. Read, C. Bradshaw, S. Garland, R. Hillman, D. Templeton, J. Hocking, B. Eu, B. Tee, E. Chow, C. Fairley
United Kingdom*

PEB084-B107 Bone disease

TUPEB084 Undiagnosed heart disease in a cohort of Malawian HIV-infected adults on antiretroviral therapy

*R. Hoffman, T. Canan, F. Chibwana, D. Kahn, J. Grots, L. Longwe, Z. Boas, K. Gama, A. Moses, J. Currier, J. Currier, EQUIP Innovation for Health
United States*

TUPEB085 Morbidity among HIV-positive people: A population-based study in 43,545 UK patients

*P. McGettigan, M. Daskalopoulou, S. Denaxas, N. Matin
United Kingdom*

TUPEB086 Effects of Nef exosomes on bystander uninfected cells

*M. Bukrinsky, B. Brichacek, D. Sviridov
United States*

TUPEB087 Is the risk of myocardial infarction in PLHIV associated with atazanavir or darunavir exposure?

*D. Costagliola, V. Potard, S. Lang, N. de Castro, L. Cotte, X. Duval, C. Duvivier, S. Grabar, M. Mary-Krause, M. Partisani, S. Ronot-Bregigeon, A. Simon, P. Tattevin, L. Weiss, D. Zucman, C. Katlama, F. Raffi, F. Boccara, for the French Hospital Database on HIV (FHDH-ANRS CO4)
France*

TUPEB088 Association between CD4 cell count and blood pressure and its variation with Body Mass Index categories in HIV-infected patients

*C. Akem Dimala, B. Momo Kadia, B.-L. Kemah, M. Tindong, S.P. Choukem
United Kingdom*

TUPEB089

Endothelial colony forming cell function is reduced and negatively associated with activated monocytes in HIV

*S. Gupta, Z. Liu, E. Sims, M. Repass, L. Haneline, M. Yoder
United States*

TUPEB090

Clinical characteristics and mortality outcomes of people Living with HIV (PLHIV) with Atrial Fibrillation in British Columbia, Canada

*P. Vizcarra, K. Salters, O. Eyawo, M. Ye, M. Lu, M. Bennett, J.S. Gonzalez Montaner, R.S. Hogg, S. Guillemi
Argentina*

TUPEB091

HIV infection, antiretroviral therapy and stroke mortality in South Africa: A population-based cohort study

*M. Siedner, K. Herbst, J. Manne-Goehler, A. Abdallah, A. Vandormael, D. Pillay, F. Tanser, T. Barnighausen
South Africa*

TUPEB092

Within subject variability of HDL-cholesterol in HIV-infected patients

*B. Roca, A. Mendoza, M. Roca, L. Castillo, C. González, L. Pastor
Spain*

TUPEB093

Increased type I INF response among HIV infected men with cardiovascular disease

*P. Vassalini, L. Celani, E.N. Cavallari, M. Statzu, G. Corano Scheri, G. Antonelli, V. Vullo, C. Scagnolari, G. d'Ettore
Italy*

TUPEB094

Early detection of cardiac dysfunction in asymptomatic adult HIV-infected patients

*H.S. Toh, C.-T. Liao, W.-T. Chang, H.-J. Tang, Z.-C. Chen, H.-C. Ku
Taiwan, China*

TUPEB095

Effect of statin on coronary calcium distribution, mass and volume scores and associations with immune activation among HIV+ persons on antiretroviral therapy

*C.T. Longenecker, S. Margevicius, J. Lipinski, M.D. Schluchter, D.L. Wilson, G.A. McComsey
United States*

TUPEB096

Age moderates the association between HIV infection and carotid intima media thickness: Evidence for elevated risk in younger HIV-infected individuals

*Y. Ding, H. Lin, C. Ning, X. Qiao, X. Chen, D. Zhao, K. Wang, L. Li, Z. Jin, X. Chen, M. Gao, N. He
China*

TUPEB097

Prevalence of early cardiac dysfunction and covariates in children living with HIV in Western Kenya

*A. McCrary, W. Nyandiko, A. Keter, M. Nyambura, N. Thielman, G. Bloomfield, P. Barker
United States*

TUPEB098

Switching from an abacavir (ABC)/lamivudine (3TC)-based regimen to a single-tablet regimen of elvitegravir/cobicistat/emtricitabine/tenofovir alafenamide (E/C/F/TAF): Cardiovascular disease risk profile analysis from a randomized controlled study in virologically-suppressed adults

*E. Raffi, A. Antinori, M. Ramgopal, J.M. Molina, H.J. Stellbrink, G. Rizzardini, J. Olalla, A. Gori, C. Miralles, P. Kumar, M. Das, E.T. Chan, W. Garner, D. Piontkowsky, S.K. Chuck, R. Haubrich
France*

TUPEB099	<p>Menopause, cardiovascular risk factors, and cerebrovascular function in the women's interagency HIV study <i>F. Chow, Y. Ma, R. Scherzer, P. Tien</i> United States</p>	TUPEB108	<p>Prevalence and predictors of bone mineral density among perinatally HIV-infected adolescents on antiretroviral therapy (ART) in the Cape Town Adolescent Antiretroviral Cohort (CTAAC) <i>S. Mahtab, C. Scott, T. Machededze, N.A. Asafu-Agyei, L. Frigati, L. Myer, H. Zar</i> South Africa</p>
TUPEB100	<p>CVD risk progression upon initiation of ART in an African cohort <i>A. Vos, M. Moorhouse, S. Lalla-Edwards, K. Klipstein-Grobusch, D. Grobbee, R. Barth, F. Venter</i> Netherlands</p>	TUPEB109	<p>Increased beta-2 microglobulinuria predicts low BMD in young HIV+ patients on TDF <i>T. Taniguchi, M. Tsukiji, T. Sakurai, H. Igari</i> Japan</p>
TUPEB101	<p>Prevalence and risk factors associated with carotid plaque and intima-medial thickness in virologically suppressed HIV-infected Asians <i>A. Avihingsanon, S. Siwamogsatham, A. Chutinet, O. Pucharoen, T. Aponpong, A. Hiransuthikul, S. Gatechompol, W. Min Han, S. J. Kerr, K. Ruxrungtham, HIV-NAT 207/HIV-NAT006 Study Team</i> Thailand</p>	TUPEB110	<p>Vitamin D does not modulate Immune-mediated bone loss during ART initiation <i>E.T. Overton, E. Chan, T. Brown, J. Kinslow, A. Landay, K. Melbourne, H. Ribaud, M. Yin, ACTG 5280 Study Team</i> United States</p>
TUPEB102	<p>Predictor of cardiovascular events and mortality in a Spanish cohort of HIV-infected patients <i>H. Albendín Iglesias, C.S. Caro Martinez, A. Perez Salvador, C.E. Galera Peñaranda, E. Bernal Morell</i> Spain</p>	TUPEB111	<p>Bone mineral density and prevalence of osteoporosis in HIV-infected patients in comparison with a reference Spanish population: The importance of local normative ranges <i>C. Sobrino, J. Gallego, M.J. Vivancos, F. Lopez, M.J. Perez-Eliás, J. Loarce, M. Vazquez, J.L. Casado</i> Spain</p>
TUPEB103	<p>Changes in cardiovascular risk calculation and in fasting lipids in virologically suppressed patients randomized to switch to tenofovir alafenamide versus continuing abacavir <i>A. Winston, D.A. Wohl, H.-J. Stellbrink, L. Lopez-Cortes, P. Mallon, P.E. Sax, I. Brar, Y.-P. Liu, L. Zhong, S.E. Collins, H. Martin, D. Sengupta, E. Quirk, M. Das</i> United Kingdom</p>	TUPEB112	<p>Abnormal bone histomorphometry in men with HIV infection before and after ART initiation <i>J. Ramalho, C. Steller, J. Galvão, M. Eira, R. Pereira, M. Yin, T. Nickolas, L.M. Reis, V. Jorgetti, R.M. Moyses</i> United States</p>
TUPEB104	<p>Cardiovascular disease risk assessments and fasting lipid changes in virologically suppressed patients randomized to switch to tenofovir alafenamide versus continuing tenofovir disoproxil fumarate <i>C. Orkin, F. Castelli, Y. Yazdanpanah, J. Rockstroh, C. Brinson, G. Diperrì, Y.-P. Liu, L. Zhong, S.E. Collins, H. Martin, D. Sengupta, M. Das</i> United Kingdom</p>	<p>PEB113-B115 Metabolic, lipid and endocrine complications, including obesity and lipodystrophy</p>	
TUPEB105	<p>The potential impact of integrating services for the secondary prevention of cardiovascular outcomes into HIV care in Kenya: A mathematical modelling study <i>R. Cassidy, P. Perez-Guzman, T. Hallett, M. Smit</i> United Kingdom</p>	TUPEB113	<p>Renal safety of TAF vs. TDF or ABC in a pooled analysis of 27 Phase 2/3 clinical trials <i>S.K. Gupta, F.A. Post, J.R. Arribas, A. Pozniak, D. Podzamczar, A. Clarke, T. Mudrikova, E. Negredo, S. Guo, L. Zhong, H. Martin, E. Quirk, D. Sengupta, M. Das</i> United States</p>
TUPEB106	<p>Improvement in the prediction of cardiovascular events by adding HIV-viral load to a cardiovascular risk scale <i>H. Albendín Iglesias, C.S. Caro Martinez, A. Perez Salvador, C.E. Galera Peñaranda, E. Bernal Morell</i> Spain</p>	TUPEB114	<p>Estimates of glomerular filtration rate in HIV infected individuals using creatinine and cystatin c based measurements <i>A. Spence, R. Teran, R. Harold, N. Nigam, A. Paredes, P. Kumar, J. Timpone, J. Umans, S. Kassaye</i> United States</p>
TUPEB107	<p>Chronic disease prevalence and management in Australian adults with HIV: Use of a national longitudinal general practice dataset to identify and address gaps in patient care <i>C. Weston, K. Lembke, J. Yoo, N. Raffoul, D. Gracey, J. Reeve</i> Australia</p>	TUPEB115	<p>The prevalence of impaired renal function in well-treated people living with HIV is low but remains higher than in uninfected controls <i>N. Petersen, A. Dehlbæk Knudsen, A. Mocroft, D. Kirkegaard-Klitbo, E. Arici, J. Lundgren, T. Benfield, P. Oturai, B. Nordestgaard, B. Feldt-Rasmussen, S. Dam Nielsen, L. Ryom</i> Denmark</p>
<p>PEB108-B112 Renal disease</p>		<p>PEB116-B126 Hepatic complications (e.g. NASH)</p>	
		TUPEB116	<p>Triglycerides/glucose index is a simple and clinically useful surrogate for insulin resistance among non-diabetic HIV-infected Aging in Asia <i>T. Apornpong, N. Sookkasame, S. Sakulrak, A. Hiransuthikul, W.M. Han, S. Gatechompol, S. Kerr, L. Wattanachanya, K. Ruxrungtham, A. Avihingsanon, HIV-NAT 207 Study Team</i> Thailand</p>

TUPEB117	<p>Obesity and inflammation in HIV+ mono-infected individuals on antiretroviral therapy (ART) in the Miami Adult Studies in HIV (MASH) cohort</p> <p><i>J. Hernandez, M. Mudgal, A. Campa, S. Martinez, L. Seminario, J. Jasmin, A. Johnson, C. Teeman, Q. Liu, M.K. Baum</i> United States</p>	TUPEB126	<p>F/TAF, E/C/F/TAF and R/F/TAF do NOT contribute to insulin resistance: The TAF-IR study</p> <p><i>C.D. Spinner, S. Schulz, U. Bauer, J. Schneider, J. Bobardt, R.M. Schmid, A. Zink, A. Balogh, H. Bidner, E. Wolf, R. Iakoubov</i> Germany</p>	
TUPEB118	<p>No evidence of increased risk of thyroid dysfunction in well-treated people living with HIV</p> <p><i>M. Harsløf, A. Dehlbæk Knudsen, T. Benfield, J. Lundgren, B. G. Nordestgaard, U. Feldt-Rasmussen, S. Dam Nielsen</i> Denmark</p>	<p>PEB127-B131 Ageing with HIV (including polypharmacy and frailty)</p>	TUPEB127	<p>A comprehensive assessment of hepatobiliary disorders in HIV-infected patients treated with dolutegravir, elvitegravir, raltegravir or darunavir in the OPERA Database</p> <p><i>M. Wohlfeiler, K. Mounzer, L. Brunet, J. Fusco, V. Vannappagari, L. Curtis, N. Payvandi, M. Aboud, R. Hsu, P. Lackey, G. Fusco</i> United States</p>
TUPEB119	<p>Higher prevalence of insulin resistance among non diabetes HIV-infected ageing Asian received long term ART compared to HIV uninfected control</p> <p><i>T. Apornpong, N. Sookkasame, S. Sakulrak, A. Hiransuthikul, W.M. Han, S. Gatechompol, L. Wattanachanya, J. Jamthong, S.J. Kerr, A. Sangarlangkarn, K. Ruxruntham, A. Avihingsanon, HIV-NAT 207 Study Team</i> Thailand</p>	TUPEB128	<p>Prevalence and risk factors for significant liver fibrosis evaluated by non-invasive markers in HIV-infected Thais</p> <p><i>T. Chiraunyanann, W. Sretapanya, K. Yuenyongchaiwai, C. Akekawatchai</i> Thailand</p>	
TUPEB120	<p>At risk alcohol consumption increases risk for metabolic comorbidities in persons living with HIV (PLWH)</p> <p><i>P. Molina, L. Simon, D. Welsh, T. Ferguson, M. Brashear, S. Primeaux, D. Mercante</i> United States</p>	TUPEB129	<p>Microbiota and gut-liver axis in HIV mono-infection: A pilot study of the impact of the gut microbiome on liver disease</p> <p><i>C. Yanavich, H. Perazzo, F. Li, B. Grinsztejn, G. Aldrovandi, V. Veloso</i> United States</p>	
TUPEB121	<p>Weight gain after ARV initiation correlates with increased inflammatory biomarkers and protease inhibitor usage</p> <p><i>E. Laidlaw, A. Gouel-Cheron, S. Kuriakose, A. Pau, A. Rupert, M. Nason, V. Sheikh, J. Mican, M. Manion, I. Sereti</i> United States</p>	TUPEB130	<p>Predictors of hepatic steatosis and fibrosis in HIV infected and un-Infected adults in the Miami Adult Studies on HIV (MASH) cohort</p> <p><i>M.K. Baum, K. Sherman, J. Chen, A. Campa, S. Martinez, P. Greer, R. Laird, A. Laird, Q. Liu, C. Teeman, R. Ehman</i> United States</p>	
TUPEB122	<p>Obesity, overweight and NCDs in HIV+ patients in urban DREAM centres in Mozambique: A review of routine clinical data</p> <p><i>F. Ciccacci, A.M. Doro Altan, A. Passanduca, E. Mutemba, N. Majid, S. Orlando, S. Mancinelli, P. Scarcella, L. Palombi, M.C. Marazzi</i> Italy</p>	TUPEB131	<p>Elderly patients on antiretroviral therapy with dolutegravir are at increased risk for ALT elevation</p> <p><i>P. de Leuw, K. Wiedmann, N. Filmann, I. Krznaric, P. Ingiliz, A. Haberl, G. Kann, G. Schüttfort, J. Severain, T. Wolf, C. Stephan</i> Germany</p>	
TUPEB123	<p>Incidence and risk factors for type 2 diabetes mellitus in HIV-positive adults in TAHOD</p> <p><i>W.M. Han, A. Jiamsakul, S. Kiertiburanakul, O.T. Ng, B. Sim, L.P. Sun, K.V. Nguyen, J.Y. Choi, M.P. Lee, W.W. Wong, A. Kamarulzaman, N. Kumarasamy, F. Zhang, J. Tanuma, C.D. Do, R. Chaiwarith, T.P. Merati, E. Yuniastuti, S. Pujari, R. Ditangco, S. Khusuwan, J. Ross, A. Avihingsanon</i> Thailand</p>	<p>PEB132-B138 Immune reconstitution disorders / immune reconstitution inflammatory syndrome (IRIS)</p>	TUPEB132	<p>Determinants of telomere length in antiretroviral treatment naïve HIV-positive participants enrolled in NEAT 001/ANRS 143</p> <p><i>B. Alejos, N. Stella-Ascariz, R. Montejano, J. Rodriguez-Centeno, C. Schwimmer, J.I. Bernardino, B. Rodes, S. Esser, C. Goujard, R. Sarmento-Castro, R. de Miguel, A. Esteban, C. Wallet, F. Raffi, J.R. Arribas, ANRS 143/NEAT 001 Study Group</i> Spain</p>
TUPEB124	<p>Immune activation and insulin resistance: Evaluating the association between microbial translocation and insulin resistance in HIV-infected adults in Uganda; a cross-sectional analysis</p> <p><i>M. Reid, I. Golovaty, Y. Ma, S. Okello, R. Sentongo, M. Feng, A. Tsai, B. Kakuhiikire, R. Tracy, P. Hunt, M. Siedner, P. Tien</i> United States</p>	TUPEB133	<p>NCDs burden and risk factors in a cohort of HIV+ patients >40 years old in Malawi</p> <p><i>F. Ciccacci, V.T. Tolno, A.M. Doro Altan, G. Liotta, S. Orlando, S. Mancinelli, L. Palombi, M.C. Marazzi</i> Italy</p>	
TUPEB125	<p>Immunosuppression and HIV viremia associated with increased atherogenic cholesterol concentrations in older people with HIV</p> <p><i>M. Levy, A. Greenberg, M. Magnus, N. Younes, A. Castel, DC Cohort Executive Committee</i> United States</p>	TUPEB134	<p>Frailty is associated with HIV and female gender in Asians over 50</p> <p><i>T.C. Do, S.J. Kerr, A. Avihingsanon, S. Suksawek, S. Klungklang, J.A. Ananworanich, P. Reiss, F. Wit</i> Thailand</p>	

<p>TUPEB135 Comparison of physical health conditions among older adults living with HIV and age-gender matched non-HIV older adults: Chiang Mai, Northern Thailand <i>W. Sitthi, K. Srithanaviboonchai, A. Tangmunkongvorakul, K. Rerkasem Thailand</i></p>	<p>TUPEB145 Prevalence of diarrhea in HIV clinical trials in the recent post-combined antiretroviral therapy (cART) era: Analysis of data from 39 clinical trials from 2008-2017 in over 20,000 patients <i>D.M. Asmuth, G. Blick, P.G. Clay, K. MacFarlane, P. Chaturvedi United States</i></p>
<p>TUPEB136 Beyond the 60s: Changing co-morbidities in people living with HIV aged over 60 attending clinic in 2010 and 2017 <i>M.J. Lee, J. Bilinska, E. Wallis, L. Campbell, R. Patel, C. Smith, C. Williams, H. Iveson, R. Kulasegaram United Kingdom</i></p>	<p>TUPEB146 The relationship between co-morbidities, physical activity and exercise level in persons living with HIV <i>E. Sefcik, J. Perazzo, I. Corless, K. Kirksey, M.J. Hamilton, L. Davis, J.C. Phillips, C. Dawon Rose, R. Schnell, K. Adams Tufts, P. Chaiphibalsarisdi, R. Musanti, M. Kesterson, P. Orton, A. Kulkarni, A. Gilson, B. Cazares, N. DeAnda, A. Webel United States</i></p>
<p>TUPEB137 Hospitalization outcomes of HIV-infected patients in a Southeastern US Clinical Cohort, 1996-2016 <i>T. Davy-Mendez, S. Napravnik, O. Zakharova, D.A. Wohl, C.E. Farel, J.J. Eron United States</i></p>	<p>TUPEB147 Heterogeneity in pulmonary function indices by HIV status and cumulative smoking intensity among well-controlled HIV-infected persons compared to HIV-uninfected participants in the AGEHIV cohort <i>S.O. Verboeket, F.W. Wit, G.D. Kirk, M.B. Drummond, R.P. van Steenwijk, R.A. van Zoest, M.F. Schim van der Loeff, P. Reiss Netherlands</i></p>
<p>TUPEB138 Vestibular function among Multicenter AIDS Cohort Study (MACS) and Women Interagency HIV Study (WIHS) participants <i>M. Plankey, M. Pichert, G. Springer, H. Cohen United States</i></p>	
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<p>PEB139 Other non-communicable diseases</p>	<p>PEB148-B151 ART in acute infection</p>
<p>TUPEB139 Treatment of immune reconstitution inflammatory syndrome with TNF-alpha inhibitors in HIV-infected patients <i>A.C.E. Laparra, N. Lerolle, M. Gerin, A. Cheret, N. De Castro, S. Gallien, V. Martinez, F. Lanternier, A. Bourgarit, C. Goujard France</i></p>	<p>TUPEB148 Patient-reported outcomes among HIV-1-infected adults randomized to B/F/TAF versus DTG/ABC/3TC in two Phase 3 controlled clinical trials over 48 weeks <i>D. Wohl, A. Clarke, F. Maggiolo, W. Garner, M. Laouri, H. Martin, E. Quirk United States</i></p>
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<p>PEB140-B147 Other ART complications and adverse reactions</p>	<p>TUPEB149 Failure of antiretroviral therapy (ART) in adults in Australia is mainly due to ART toxicity <i>K.J. Siefried, L. Mao, S. Riches, S. Kerr, J. Rule, J. McAllister, J. de Wit, A. Carr, The PAART Study Investigators Australia</i></p>
<p>TUPEB140 Sleep and Circadian disruption interact with HIV, contributing to inflammation and immune activation <i>K. Weber, H. Burgess, J. Burke-Miller, L. McClellan, E. Daubert, C. Bond, R. Morack, M. Cohen, A. French United States</i></p>	<p>TUPEB150 Hospitalisations over a year follow-up in a cohort of adults living with HIV with sustained viral suppression in Australia <i>K.J. Siefried, L. Mao, J. Rule, J. de Wit, A. Carr, The PAART study investigators Australia</i></p>
<p>TUPEB141 Prevalence of and factors associated with anemia among HIV-infected adults in a multi-site African cohort <i>A.P. Parikh, D.M. Reed, T.A. Crowell, A.L. Esber, L. Maganga, Y. Adamu, F. Kiweewa, J. Maswai, J. Owuoth, J.A. Ake, C.S. Polyak, RV329 AFRICOS Study Team United States</i></p>	<p>TUPEB151 Elevations of serum creatine kinase among HIV-positive individuals receiving dolutegravir-based therapy versus non-integrase inhibitor-based therapy <i>G.-J. Chen, H.-Y. Sun, A. Cheng, K.-Y. Lin, S.-P. Yang, W.-C. Liu, P.-Y. Wu, C.-C. Hong, S.-C. Chang Taiwan, China</i></p>
<p>TUPEB142 Obstructive sleep apnea among HIV-infected persons in the highly active antiretroviral therapy era: A nation-wide longitudinal cohort study in Taiwan, 2000 - 2010 <i>Y.-C. Chen, C.-Y. Lin, C.-C. Chen, H.-Y. Liu, N.-Y. Ko Taiwan, China</i></p>	
<p>TUPEB143 Computed tomography quantification of emphysema in people living with HIV and uninfected controls <i>A. Ronit, T. Kristensen, V. Hoeseth, D. Abou-Kassem, T. Kühl, T. Benfield, J. Gerstoft, S. Afzal, B.G. Nordestgaard, J.D. Lundgren, J. Vestbo, K.F. Kofoed, S.D. Nielsen Denmark</i></p>	
<p>TUPEB144 Severe periodontitis is more common in HIV-infected patients <i>H. Groenewegen, W.F.W. Bierman, K. Delli, P.U. Dijkstra, W. Nesse, A. Vissink, F.K.L. Spijkervet Netherlands</i></p>	

Track C: Epidemiology and prevention research

PEC152-C156 Natural history, morbidity patterns and survival

TUPEC152 **Risk factors associated with AIDS-related mortality among people living with HIV: A national observational cohort study between 2005- 2017 in Papua New Guinea**

S. Miyano, P. Boas, N. Dala, G. Anup WHO

TUPEC153 **Exploring declines in mortality after ART initiation: Evidence from seven sub-Saharan African population-based studies between 2005 and 2014**

E. Slaymaker, K. Risher, G. Reniers, D. Obor, M. Urassa, A.J. Herbst, V. Hosegood, R. Newton, T. Lutalo, A. Crampin, S. Gregson, M. Marston, K. Tomlin, B. Zaba United Kingdom

TUPEC154 **Time-dependent effect of HCV coinfection in overall and cause-specific mortality in HIV-positive individuals**

B. Alejos, J. del Amo, J. Berenguer, M. Riera, M. García, V. Asensi, O. Bisbal, R. Muga, J. Gonzalez, I. Jarrín, CoRIS cohort Study Group Spain

TUPEC155 **Antiretroviral treatment scheme complexity predicts AIDS mortality in in Mexico: A longitudinal study from 2012 to 2016**

G. La Hera Fuentes, M. Valenzuela-Lara, P. Uribe-Zúñiga, C. Magis-Rodríguez, J.E. Hernández-Avila, A. Quezada-Sanchez, E. Morales Carmona, L.I. Espín Arellano, S. Bautista-Arredondo Mexico

TUPEC156 **CD4/CD8 ratio normalization and its determinants in long-term virologically suppressed HIV-infected Thais**

W.M. Han, T. Apornpong, S.J. Kerr, S. Gatechompol, A. Hiransuthikul, T. Do, S. Ubolyam, A. Avihingsanon, K. Ruxrungtham, on behalf of HIV-NAT 006 team Thailand

PEC157-C166 Epidemiology of HIV in the general population

TUPEC157 **Universal test and treat: Loss to follow-up among patients initiated on antiretroviral therapy in South Africa under evidence-based guidelines**

K. Hirasen, C.J. Hendrickson, T. Sineke, M.P. Fox, I. Mokhele, D. Onoya South Africa

TUPEC158 **Assessing the clinical significance of persistent low level viremia on subsequent virologic failure**

A. Esber, C. Polyak, F. Kiweewa, J. Maswai, J. Owuoth, L. Maganga, Y. Adamu, J. Ake, T. Crowell United States

TUPEC159 **HIV positivity by age among VMMC clients in 14 countries and comparison to PHIA results**

D.H. Watts, C. Cooney, J.S. Cavanaugh, N. Kothegeal, H. Patel, V. Kiggundu, A.G. Thomas, N. Parks, C. Toledo United States

TUPEC160 **Inequality in global HIV, TB, and hepatitis C burden from 1990 to 2016**

D. Gotham, P. von Philipsborn, F. Steinbeis, J. Sim United Kingdom

TUPEC161 **High rates of female sterilization could impact HIV prevalence in high burden areas in India - couple-centered intervention strategies may help in consolidation of prevention gains**

R. Brahme, S. Sonavale, R. Joshi, S. Venkatesh, C. Kadu, R. Yadav, N. Dulhani, A. Lokhande, Y. Raj, P. Kumar, P. Deoraj, S. Acharya, S. Godbole India

TUPEC162 **HIV prevalence in Argentina: 5 years of follow-up (2013-2017)**

N. Haag, M. Pedrola, M. Laurido Argentina

TUPEC163 **The main ways of HIV transmission in Ukraine**

O. Bidovanets, L. Hetman, O. Andreeva Ukraine

TUPEC164 **National and sub-national HIV/AIDS-related mortality in Iran from 1990 to 2015: A modified approach to estimation**

B. Moazen, NASBOD Collaborators Germany

TUPEC165 **A twenty-six trend analysis of HIV/AIDS mortality in Mexico between 1990 and 2015**

E. Bravo-García, H. Ortiz-Pérez Mexico

TUPEC166 **Alcohol consumption and its associations with other substance use and HIV infection in Rakai, Uganda**

J. Wagman, D. Nabukalu, J. Kagaayi, D.S. Kigozi, R. Ssekubugu, F. Nalugoda, G. Kigozi United States

PEC167-C195 Epidemiology of HIV in MSM

TUPEC167 **Sexual behavior and STI-related correlates of depressive symptoms among a population of MSM in Senegal**

M. Holtzman, D. Diouf, S. Ketende, C. Lyons, B. Liestman, K. Coly, C. Ndour, S. Mboup, K. Diop, C. Toure-Kane, N. Leye-Diouf, A. Cheng, S. Baral, G. Turpin, F. Drame United States

TUPEC168 **Association between HPV persistence and HIV in young men who have sex with men: Interim findings from the P18 cohort study**

F. Kapadia, P. Halkitis, D. Ompad, C. Quinlan, R. Greene United States

TUPEC169 **HIV transmission clustering among gay men in Nigeria: A genetic distance clustering analysis using a social network model**

Y. Li, H. Omari, N. Ndembu, S. Tovanabutra, T.A. Crowell, G. Kijak, R. Nowak, C. Gaydos, S. Baral, E. Volz, J. Ake, H. Liu, S. Adebajo, M. Charurat United States

TUPEC170 **Using syndemics theory to investigate HIV sexual risk affecting gay and bisexual Hispanics/Latinos in Philadelphia, PA: Findings from the National HIV Behavioral Surveillance, 2008-2014**

O. Martinez, K. Brady, E.C. Levine, K. Page, S. Grieb, J. Shinefeld, M. Cecilia Zea, A. Martinez-Donate, W. Davis United States

TUPEC171 **HIV risk behavior outcomes associated with access to resources embedded in MSM and heterosexual social capital networks among MSM in greater Tokyo**

A. Rolander Australia

- TUPEC172 **Trend in HIV incidence and prevalence in men who have sex with men in Georgia, 2010 to 2015**
A. Noori, N. Shengelia, I. Chikovani, A. Mirzazadeh
Georgia
- TUPEC173 **Migration and risk among gay, bisexual and other men who have sex with men in New York City (NYC)**
J.E. Egan, V. Nandi, V. Frye, R. Stall, B.A. Koblin
United States
- TUPEC174 **A lesser-known epidemic: HIV and STI prevalence among key populations in Angola**
W.M. Miller, M.E. Herce, J.K. Edwards, J.M. Cardao, M.L. Furtado, G. Cristino, A.M. Diaz, S.S. Weir
United States
- TUPEC175 **Characterizing resilience and viral load among midlife and older gay, bisexual, and other men who have sex with men**
J.E. Egan, M.R. Friedman, S.A. Haberlen, M. Plankey, L.A. Teplin, S. Shoptaw, D.E. Siconolfi, R. Stall
United States
- TUPEC176 **High HIV and other STI prevalence among transgender, gay, bisexual and other men who have sex with men (MSM) in Nairobi, Kenya**
J. Kimani, R. Kabuti, E. Irungu, P. Muthoga, A. Mugambi, C. Nyamweya, P. Weatherburn, E. Fearon, A. Bourne, A.D. Smith, TRANSFORM Kenya
- TUPEC177 **Increasing prevalence rate among MSM in Brazil: Results of a comparison of 2009 and 2016 national survey**
L. Kerr, M. Guimarães, C. Kendall, R.S. Mota, I. Dourado, M.A. Veras, A.M.d. Brito, A.K. Pontes, E.M. Hamann, A.F. Leal, D. Knauth, R.H.M. Macena, A.R.C. Motta-Castro, L.N.C. Lima, L.C.d. Oliveira, M.D.S. Cavalcante, A.C. Camillo, R.C. Moreira, X.P.D. Bermudez, L. Brigido
Brazil
- TUPEC178 **Why local terms are important: Different behavior and risk profiles of common local variants of men who have sex with men in Myanmar**
S.T. Thein, Y.K. Aung, K. Gustafson
Myanmar
- TUPEC179 **Innovative strategies through peer segmentation to reach men who have sex with men (MSM) in Ghana**
S.E. Owusu
Ghana
- TUPEC180 **HIV treatment and prevention needs assessment: Comparison between younger and older men who have sex with men in Nigeria**
H.O. Ramadhani, N. Sam-Agudu, U. Ononaku, W. Anom, C. Gaydos, N. Ndembu, S. Baral, S. Adebajo, T.A. Crowell, M. Charurat
United States
- TUPEC181 **Quality of life and associated factors among men who have sex with men in a metropolis in Brazil**
J. Costa, H. Coelho, M. Silveira, P. Bonolo, M.D.G. Ceccato, ECOART Study Group
Brazil
- TUPEC182 **Prevalence of HIV and other sexually transmitted infections and their association with sexual behavior and substance use among 1351 MSM in Lebanon**
A. Assi, S. Abu Zaki, N. Kinge, D. Abou Abbas, J. Naous, A. Ghanem, R. Aaraj, R. Maher, Z. Bakouny, G. Azzi, R. Tomb
Lebanon
- TUPEC183 **Human immunodeficiency virus (HIV) and the association of male circumcision with HIV, and history of Viral and non-viral sexually transmitted infections in Rwandan men who have sex with men**
J.D.A. Sinayobye, A. Adedimeji, V. Patel, H.Y. Kim, Q. Shi, G. Murenzi, P. Mugenzi, P.E. Castle, L. Mutesa, B. Kateera, J. Palefsky, K. Anastos
Rwanda
- TUPEC184 **HSV-2 and HSV-1/2 coinfection are associated with HIV among young sexual minority men: Findings from the P18 cohort**
D. Ompad, F. Kapadia, R. Greene, P. Halkitis
United States
- TUPEC185 **Risk factors for HIV infection among young MSM in Chiang Mai, Thailand**
Q. Kaewpoowat, S. Chariyalertsak, P. Saokhieo, R. Khampan, R. Songsupa, T. Supindham
Thailand
- TUPEC186 **What is happening to condom use? A longitudinal sexual event-level analysis of anal intercourse by partner HIV status concordance among men who have sex with men in Vancouver, Canada**
N.J. Lachowsky, L. Wang, N. Bacani, H.L. Armstrong, G. Olarewaju, R. Crosby, E.A. Roth, R.S. Hogg, D.M. Moore, Momentum Health Study
Canada
- TUPEC187 **Changing demographic among Latino MSM diagnosed with HIV in Florida, 2006-2015: Implications for primary and secondary HIV prevention**
D.M. Sheehan, E. Cyrus, K.P. Fennie, L.M. Maddox, E.C. Spencer, M.J. Trepka
United States
- TUPEC188 **Prevalence and correlates of group sex participation alongside other risky sexual practices among men who have sex with men in Malawi**
L. Kapanda, V. Jumbe, G. Trapence, C. Izugbara, A. Muula
Malawi
- TUPEC189 **HIV prevalence and incidence among men who have sex with men attending community-based HIV testing and counseling clinics in metropolitan Manila, 2012-2017**
C. Lagman, J.D. Rosadiño, R. Ditangco, R. Paktaghan, L.V. Le, Y.R. Lo, F. van Griensven
Thailand
- TUPEC190 **HIV epidemics in migrants from Latin America & Caribbean in Europe are driven by MSM**
J. Del Amo, I. Jarrín, V. Hernando, B. Alejos, A. Pharris, T. Noori
Spain
- TUPEC191 **Bisexuality among men who have sex with men and transgender women in sub-Saharan Africa: Findings from the HPTN 75 study**
K. Ondeng'e, C. Mbede, A. Ogendero, V. Akelo, X. Guo, W. Chege, E. Hamilton, J. Lucas, T. Sandfort
Kenya

TUPEC192	<p>Transactional sex among men who have sex with men participating in the CohMSM prospective cohort study in West Africa</p> <p><i>C.H. Kounta, L. Sagaon-Teyssier, P.-J. Coulaud, M. Mora, G. Maradan, M. Bourrelly, A.A. Keita, S.-A.B. Yoro, C. Anoma, C. Coulibaly, E.T.T. Dah, S. Agbomadji, E. Mensah, A. Bernier, C. Couderc, B.D. Keita, B. Spire, C. Laurent, the CohMSM Study Group France</i></p>	TUPEC201	<p>Special cases in the diagnosis of HIV-1 perinatally infected children younger than 18-month-old from Argentina</p> <p><i>M.D. Golemba, D. Mecikovsky, M. Ortíz de Zárate, G. Silva, P.C. Aulicino, M. Pineda, M. Taicz, V. Rossi, R. Bologna, A.M. Mangano Argentina</i></p>
TUPEC193	<p>Factors associated with discrimination based on sexual orientation among MSM in 12 Brazilian cities</p> <p><i>L. Magno, I. Dourado, F. Alves, M.A. Veras, L.A. V. da Silva, M. Drew Crosland Guimarães, A. Fachel Leal, D. Knauth, A.M. de Brito, C. Kendall, L. Kerr, The Brazilian MSM Group Brazil</i></p>	TUPEC202	<p>Mapping and population size estimates of street children in six cities with extrapolation to national level in Iran</p> <p><i>M. Vameghi, P. Roshanfekar, D. Ali, S. Madani, M. Noroozi, W. McFarland, A. Mirzazadeh United States</i></p>
TUPEC194	<p>Recent decreases in unsuppressed viral load among HIV-positive men who have sex with men in Vancouver, Canada from 2012-2017</p> <p><i>H.L. Armstrong, J. Gitelman, Z. Cui, N. Bacani, P. Sereda, N.J. Lachowsky, K.G. Card, H. Fisher Raymond, J. Montaner, R.S. Hogg, E.A. Roth, M. Hull, T. Howard, D.M. Moore Canada</i></p>	TUPEC203	<p>HIV status awareness among mothers and their under-5 children in Malawi: Results from a population HIV survey</p> <p><i>N. Conan, M. Chihana, C.P. Paye, A. Chijuwa, R. Ortuno, E. Goemaere, H. Hueriga, D. Maman South Africa</i></p>
TUPEC195	<p>Factors associated with unprotected receptive anal sex among MSM in Brazil: A national RDS study</p> <p><i>M.D. Crosland Guimaraes, G. Machado Rocha, A.M. de Brito, I. Dourado, M.A. Veras, L. Magno, C. Kendall, L. Kerr, The Brazilian MSM Group Brazil</i></p>	TUPEC204	<p>TB-HIV program monitoring in PEPFAR-supported countries: Screening, prevention, and treatment results for children and adults, October 1, 2016 - September 30, 2017</p> <p><i>K. O'Connor, V. Ryan, R. Golin, C. Nichols, G. Anyalechi, H. Kirking, M. Patel United States</i></p>
PEC196-C205	<p>Epidemiology of HIV in infants, children and adolescents</p>	PEC206-C233	<p>Epidemiology of HIV in other key vulnerable populations (e.g. PWID, women, TGW, sex-workers, prison populations, older groups)</p>
TUPEC196	<p>Virologic outcomes of perinatally infected adolescents in the period of early adolescence in South Africa (10-15 years)</p> <p><i>P. Nyakato, M. Schomaker, N. Sipambo, K. Technau, G. Fatti, H. Rabie, F. Tanser, B. Eley, J. Euvrard, R. Wood, P. Tsondai, M.-A. Davies South Africa</i></p>	TUPEC206	<p>Forty percent reduction in HIV prevalence among randomly sampled female sex workers in Mombasa, Kenya following intensive prevention programmes</p> <p><i>G. Manguro, C. Gichuki, F. Ampt, M. Temmerman, M. Chersich, S. Luchters, P. Gichangi, WHISPER/SHOUT Clinical Trial Group Kenya</i></p>
TUPEC197	<p>High HIV prevalence among adolescent girls and young women participating in a community-based HIV testing services program in Western Kenya</p> <p><i>H.-H.M. Truong, R. Fatch, D. Ogindo, M.A. Guzé, E. Wandera, E. Akama, F. Otieno, D. Bushman, E.A. Bukusi, P. Oyaro, C.R. Cohen United States</i></p>	TUPEC207	<p>Intimate partner violence is a key predictor of HIV risk among Black heterosexual women in Baltimore, MD, USA</p> <p><i>A.N. Cimino, G. Yi, J. Campbell, K.K. Gundersen, J.K. Stockman United States</i></p>
TUPEC198	<p>Timing of maternal ART and mortality risk in HIV-exposed uninfected infants: Findings from a prospective cohort of a nationally representative sample of mother-infant pairs from Zimbabwe 2013-2014</p> <p><i>M.R. Patel, A. Mushavi, S. Balachandra, G. Shambira, J. Nyakura, O. Mugurungi, B. Tippett Barr, P.H. Kilmarx, T.-H. Dinh United States</i></p>	TUPEC208	<p>The 2014 HIV care cascade and virologic response over time among transgender people in a large multi-site Canadian cohort</p> <p><i>A. Rich, P. Sereda, M. Ye, J. Zhu, A. Scheim, C. Cooper, S. Walmsley, M. Klein, S. Sanche, D. Kelly, S. Rourke, N. Machouf, R. Hogg, on behalf of the Canadian Observational Cohort Collaboration Canada</i></p>
TUPEC199	<p>Achieving the second 90: Linking adolescents living with HIV to treatment in rural Malawi in the era of Test and Treat</p> <p><i>E. Wetzel, K. Simon, T. Beyene, R. Turetsky, A. Kabwinja, W. Kammera, B. Chavula, C. Chikoti, H. Chibowa, J. Mhango, P. Kazembe, S. Ahmed, M. Kim Malawi</i></p>	TUPEC209	<p>Patterns of HIV risk and viremia among people who inject drugs in a community-based cohort in Baltimore, Maryland</p> <p><i>B.L. Genberg, D. Celentano, J. Astemborski, G. Kirk, S. Mehta United States</i></p>
TUPEC200	<p>Survival of children living with AIDS in Brazil - Cohort BIAIDS - Brazil</p> <p><i>C.S.B. Domingues, M.V. Tancredi, I.A. Guibu, E.A. Waldman, F.A. Pires, M.A. Gutierrez, A.S. Benzaken, G.F.M. Pereira Brazil</i></p>	TUPEC210	<p>HIV among female sex workers in Amsterdam, a tale of one city and one specialised health centre (P&G292)</p> <p><i>A.E. van Dijk, T. Heijman, M. van Rooijen, M. Kroone, E. Marra, E. Freriks, A.A. Hogewoning, M.F. Schim van der Loeff Netherlands</i></p>

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| TUPEC211 | <p>HIV among male sex workers in Amsterdam, a tale of one city and one specialised health centre (P&G292)</p> <p><i>A. van Dijk, T. Heijman, M. van Rooijen, S. van der Kolk, E. Marra, E. Freriks, M. Kroone, A. Hogewoning, M.F. Schim van der Loeff</i>
Netherlands</p> | TUPEC221 | <p>HIV prevalence and incidence in adolescent girls and young women in Lesotho: Results from the LePHIA survey 2016-2017</p> <p><i>A. Low, K. Thin, S. Davia, J. Mantell, M. Koto, S. McCracken, P. Ramphalla, L. Maile, N. Ahmed, N. Fida, A. Schwitters, K. Frederix</i>
United States</p> |
| TUPEC212 | <p>HIV testing and treatment cascade among key populations in Mozambique</p> <p><i>W.M. Miller, J.L. Manuel, F. Mbofana, M.E. Herce, J.K. Edwards, F. Rocuts, S.S. Weir</i>
United States</p> | TUPEC222 | <p>Caregiver depression and child neuropsychological outcomes in an observational study carried out in four sub-Saharan countries</p> <p><i>I. Familiar, M. Chernoff, H. Ruisenor-Escudero, B. Laughton, C. Joyce, L. Fairlie, M. Bwakura-Dangarembizi, P. Kamthunzi, L. Barlow, P. Jean-Philippe, B. Zimmer, K. McCarthy, M. Boivin</i>
United States</p> |
| TUPEC213 | <p>Characterizing the role of sexual violence in potentiating HIV risks among transgender women in sub-Saharan Africa</p> <p><i>T. Poteat, B. Ackerman, D. Diouf, N. Ceesay, T. Mothopeng, K.-Z. Odette, S. Kouanda, A. Simplice, A. Kouame, Z. Mnisi, G. Trapence, L.L.A. van der Merwe, V. Jumbe, H.G. Ouedraogo, S. Baral</i>
United States</p> | TUPEC223 | <p>Global burden of HIV among Immigrants: A systematic review</p> <p><i>X. Wang, A. Wirtz, C. Beyrer</i>
China</p> |
| TUPEC214 | <p>Village community mobilization is associated with reduced HIV incidence in young South African women participating in the HPTN 068 study cohort</p> <p><i>S.A. Lippman, A.M. Leddy, T. Neilands, J. Ahern, C. MacPhail, D. Peacock, C.W. Kabudula, A. Selin, E. Piwowar-Manning, K. Kahn, A. Pettifor</i>
United States</p> | TUPEC224 | <p>Sex work stigma and its effects on healthcare: Data from a large RDS study among FSW in Brazil</p> <p><i>I. Dourado, M. Drew Crosland Guimarães, G. Nogueira Damacena, L. Magno, P.R. Borges de Souza Júnior, C. Landmann Swarcwald, The Brazilian FSW Group</i>
Brazil</p> |
| TUPEC215 | <p>Global assessment of the availability of condoms and conjugal visits in prisons: Preliminary results of a global prison survey commissioned by UNODC</p> <p><i>R. Bosworth, E. Salah, R. Lehtovuori, S.A. Kinner, F.L. Altice, M. Farrell, B. Moazen, K. Dolan</i>
Australia</p> | TUPEC225 | <p>Gender-affirming genital surgery associated with reduced HIV sexual risk among transgender women: A respondent driven-sampling survey</p> <p><i>A. Scheim, G. Bauer</i>
United States</p> |
| TUPEC216 | <p>Building bridges, not walls: Prevalence and correlates of injecting with United States residents among people who inject drugs in Tijuana, Mexico</p> <p><i>R. Garfein, A. Borquez, L. Liu, D. Abramovitz, L. Beletsky, D. Werb, S. Metha, G. Rangel, P. González-Zúñiga, S. Strathdee</i>
United States</p> | TUPEC226 | <p>Sex work among female workers at the Kokoyo artisanal gold mining site in Mali - results from the ANRS-12339 Sanu Gundo cross-sectional study</p> <p><i>C.H. Kounta, L. Sagaon-Teyssier, H. Balique, M. Mora, M. Bourrelly, F. Diallo, N. Kalampalikis, M. Suzan-Monti, B.D. Keita, B. Spire, The Sanu Gundo Study Group</i>
France</p> |
| TUPEC217 | <p>The paradox of migration: Assessing protective and risk factors among transgender women in Lima, Peru</p> <p><i>K. Moriarty, E. Segura, W. Gonzalez, A. Perez-Brumer, J. Lake, R. Cabello, J. Clark</i>
United States</p> | TUPEC227 | <p>Disparities in viral suppression and non-adherence to antiretroviral medicines among women living with HIV infection, 2011 - 2016</p> <p><i>A. Geter, M.Y. Sutton, C. Armon, K. Buchacz</i>
United States</p> |
| TUPEC218 | <p>Deconstructing the relationship between non-fatal opioid overdose and HIV/HCV risks among PWID in Kazakhstan</p> <p><i>L. Gilbert, T. Hunt, S. Primbetova, A. Terlikbayeva, M. Chang, T. McCrimmon, P. Marotta, E. Wu, N. El-Bassel</i>
United States</p> | TUPEC228 | <p>Association between serodiscordance status and ART use in the African Cohort Study</p> <p><i>D. Reed, A. Esber, T.A. Crowell, C. Polyak, A. Parikh, F. Kiweewa, J. Maswai, J. Owuoth, L. Maganga, Y. Adamu, J. Ake, African Cohort Study (AFRICOS)</i>
United States</p> |
| TUPEC219 | <p>Burden of HIV among young transgender women: Factors associated with HIV infection and HIV treatment engagement</p> <p><i>H. Jin, A. Restar, K. Biello, L. Kuhns, S. Reisner, R. Garafalo, M. Mimiaga</i>
United States</p> | TUPEC229 | <p>The need to improve HIV care for migrant populations in Botswana: Addressing the unknowns</p> <p><i>D. Escudero, T. Marukutira, A. McCormick, S. George</i>
United States</p> |
| TUPEC220 | <p>Uncovering a new at-risk group for HIV infection in Ukraine among adults aged 50 and older</p> <p><i>I. Zavirukha, O. Zeziulin, T. Kiriazova, S. Shenoj, F. Altice, J. Rozanova</i>
Ukraine</p> | TUPEC230 | <p>Prevalence and risk factors for unsuppressed viral load among HIV positive female sex workers on antiretroviral therapy in Kampala, Uganda</p> <p><i>G. Namale, O. Kamacooko, D. Bagiire, Y. Mayanja, A. Abaasa, W. Kilembe, M. Price, R. Newton, J. Seeley</i>
Uganda</p> |

TUPEC231	<p>Factors associated with self-reported utilization of sexual and reproductive health services among Roma women in Macedonia</p> <p><i>S. Atanasova, B. Pavlovski, M. Windle, J. Friscik, D. Penaloza, O. Olawore, C. Lyons, M. Holtzman, S. Baral</i> United States</p>	TUPEC241	<p>Key drivers of the changing HIV/AIDS epidemic in North-East of India</p> <p><i>R. Adhikary</i> India</p>
TUPEC232	<p>Correlates of HIV infection among transgender women and men who have sex with men in Peru: Implications for targeted HIV prevention strategies</p> <p><i>E. Cyrus</i> United States</p>	TUPEC242	<p>Depressive symptoms, substance use and sexual risk behaviors among Black men who have sex with men (MSM)</p> <p><i>F.S. Winterhalter, J. Franks, Y. Hirsch-Moverman, H. Ortega, Y. Wu, J. Knox, W. El-Sadr, P.W. Colson</i> United States</p>
TUPEC233	<p>Perceived undertreated pain is associated with overdose among older HIV-positive people who inject drugs in Vancouver, Canada</p> <p><i>P. Voon, T. Kerr, N. Fairbairn, E. Nosova, R. Barrios, E. Wood, M.-J. Milloy</i> Canada</p>	TUPEC243	<p>Factors associated with sexually transmitted infections among sexually active U.S. Navy and Marine Corps personnel across a shipboard deployment</p> <p><i>J. Harbertson, P. Scott, Y. Li, N. Michael, B. Hale</i> United States</p>
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PEC234-C262	<p>Risk factors for acquisition, infectivity and transmission of HIV</p>	TUPEC244	<p>Trajectories of physical intimate partner violence among adolescent girls in rural South Africa: Who is at consistently high risk? (HPTN068)</p> <p><i>S.M. DeLong, K.A. Powers, B.W. Pence, S. Maman, K.L. Dunkle, A. Selin, R. Twine, F.X. Gómez-Olivé, C. MacPhail, K. Kahn, A. Pettifor</i> United States</p>
TUPEC234	<p>Latent profiles of behavioral and sexual risk for HIV-negative and positive young African American men who have sex with men: Implication for HIV prevention and pre-exposure prophylaxis</p> <p><i>W. Vincent, J. Peterson, D. Huebner, J. Tan, G. Rebchook, E. Storholm, L. Pollack, S. Kegeles</i> United States</p>	TUPEC245	<p>"Probable seroconversion" is associated with having non-tested positive people who inject drugs (PWID) in the referral chain</p> <p><i>I. Sazonova, P. Smyrnov, S. Friedman</i> Ukraine</p>
TUPEC235	<p>The young, the old and the risky: HIV risk factors by age among voluntary medical male circumcision clients in Zambia 2017</p> <p><i>O. Chituwo, L. Aladesanmi, J.Z. Hines, M. Lukobo-Durrell, M.A. Habel, S.M. Davis, C. Toledo, C. Laube</i> United States</p>	TUPEC246	<p>Replicable research on anal sex amongst female sex workers in India towards initiation of effective HIV prevention interventions across continents</p> <p><i>A.P. Singh, R. Rani</i> India</p>
TUPEC236	<p>Factors associated with mother-child HIV transmission in Uruguay: The importance of goals 90-90-90 in the elimination strategy</p> <p><i>S. Cabrera, A. Visconti, M. Guirado, D. Pérez, A. Bálsamo, J. Quian</i> Uruguay</p>	TUPEC247	<p>Increased methamphetamine use in Hai Phong, Vietnam and associations with sexual and injection risk behaviors among persons who inject drugs, 2016-2017</p> <p><i>J. Feelemyer, H. Duong Thi, K. Pham Minh, G. Hoang Thi, T. Thi Tuyet, O. Khuat Thi Hai, K. Arasteh, J.P. Moles, V. Vu Hai, R. Vallo, C. Quillet, D. Rapoud, L. Michel, T. Hammett, D. Laureillard, N. Nagot, D. Des Jarlais</i> United States</p>
TUPEC237	<p>Vulnerabilities to HIV infection among adolescent girls and young women in Selected States in Nigeria</p> <p><i>E. Udoh, O. Arije, K. Ijadunola, S. Afolabi, J. Arasiola, G. Omorige, O. Tomori, O. Ukeme-Edet, A. Onayade</i> Nigeria</p>	TUPEC248	<p>Predictors of abstinence and condom use among rural youth and adults in Malawi</p> <p><i>D.L. Jere, C. Banda, L. Kumbani, L. Liu, L.L. McCreary, C.L. Patil, K.L. Norr</i> Malawi</p>
TUPEC238	<p>Comorbidities and antiretroviral therapy treatment failure synergies: A case-control study in low resource settings - Kadoma, Zimbabwe 2017</p> <p><i>S. Tapesana, D. Chirundu, G. Shambira, N. Gombe, T. Juru, M. Tshimanga</i> Zimbabwe</p>	TUPEC249	<p>Accuracy of HIV risk perception in east Zimbabwe 2003-2013</p> <p><i>R. Schaefer, S. Gregson, R. Thomas, C. Nyamukapa</i> United Kingdom</p>
TUPEC239	<p>An increase in rates of HIV infection among people who inject drugs in Petropavlovsk, Kazakhstan, 2016-2017</p> <p><i>V. Kazakov, M. Izbagambet, A. Zhandybayeva, B. Baiserkin, D. Nabirova, D. Moffett, A. Mukhamediyev</i> Kazakhstan</p>	TUPEC250	<p>Drivers of HIV infection in Botswana: Implications for treatment and prevention</p> <p><i>J. Okano, K. Sharp, L. Busang, B. Fidzani, F. Mwangemi, S. Blower</i> Botswana</p>
TUPEC240	<p>Predictors of condomless sex among non-suppressed adolescent MSM and transgender women in the United States</p> <p><i>S. Legrand, A. Platt, K. Muessig, J. Egger, K. Soni, L. Hightow-Weidman</i> United States</p>	TUPEC251	<p>Exploring gender-based violence experienced by female sex workers in Gaborone, Botswana</p> <p><i>K.M. Maribe, A. Geltman, K. Francis, N.N. Monnapula, D.G. Richard-Jackalasi</i> Botswana</p>

TUPEC252	<p>Relationship between intimate partner violence and risk behaviors for HIV/STIs among Black women accessing publicly funded STD clinics in Baltimore, MD, USA</p> <p><i>A.E. Servin-Aguirre, K. Tsuyuki, J. Campbell, A. Cimino, J. Stockman</i> Mexico</p>	TUPEC262	<p>HIV incidence and associated factors among men who have sex with men (MSM) in a treatment as prevention environment: Benefits of a prospective cohort study and administrative health data linkage</p> <p><i>N.J. Lachowsky, H.L. Armstrong, S. Pan, N. Bacani, G. Olarewaju, E.A. Roth, R.S. Hogg, D.M. Moore</i> Canada</p>
TUPEC253	<p>Dose-response relationships between substance use frequency, self-reported involvement in sexual HIV transmission behaviors and HIV viral load among men who have sex with men in Los Angeles</p> <p><i>B. Quinn, K. Arfer, P. Gorbach, S. Shoptaw</i> Australia</p>	<p>PEC263-C267 Epidemiology of AIDS events (e.g. AIDS-related opportunistic infections and cancers)</p>	
TUPEC254	<p>The impact of severe drought and HIV in Southern Africa: Results from the LePHIA survey 2016-2017</p> <p><i>A. Low, K. Frederix, S. McCracken, E. Gummerson, E. Radin, S. Davia, N. Ahmed, S. Findley, A. Schwitters</i> United States</p>	TUPEC263	<p>Performance of cryptococcal antigen lateral flow assay in postmortem samples of people living with HIV</p> <p><i>J.C. Hurtado, P. Castillo, F. Marco, C. Carrilho, M. Navarro, I. Casas, L. Quintó, F. Fernandes, M. Ismail, A. Sanz, I. Mandomando, N. Rakislova, C. Menéndez, Q. Bassat, J. Vila, J. Ordi, M. Martínez, E. Letang</i> Spain</p>
TUPEC255	<p>CD101 Ig-like variants modify the effect of bacterial vaginosis on HIV acquisition</p> <p><i>V. Wanga, R. Mackelprang, K. Thomas, C. Cohen, N. Mugo, E. Bukusi, G. Bryun, E. Irungu, C. Celum, J. Baeten, J. Lingappa, for the Partners in Prevention HSV/HIV Transmission Study and the Partners PrEP Study</i> United States</p>	TUPEC264	<p>Performance of vaginal self-sampling for HPV testing among HIV-infected women in Botswana</p> <p><i>T. Elliott, R. Kohler, B. Monare, N. Moshashane, K. Ramontshonyana, C. Muthoga, R. Howett, C. Morroni, D. Ramogola-Masire</i> Botswana</p>
TUPEC256	<p>Cannabis use and increased risks for HIV among young black sexual minority males in Los Angeles County, California</p> <p><i>L.H. D'Anna, J. Wood, C. Canjura, J. Owens, T.A. Washington, PPOWER Leadership Team</i> United States</p>	TUPEC265	<p>CD4/CD8 ratio and risk of Kaposi sarcoma and non-Hodgkin lymphoma in people living with HIV achieving suppressed viraemia on antiretroviral therapy</p> <p><i>F. Caby, S. Grabar, on behalf of the CD4/CD8 Ratio and Cancer Working Group of the COHERE in EuroCoord</i> France</p>
TUPEC257	<p>Factors associated with risk HIV-infection among pregnant women in Cameroon: Evidence from the 2016 national sentinel sero-surveillance study</p> <p><i>J.D.D. Anoubissi, C. Kengne Nde, J. Fokam, D.G. Toghua Tseuko, M. Arlette, R. Fodjo Toukam, Y. Moussa, M. Ngo Nemb, S. Billong, G. Ekali Loni, C. Nguéfeu Nkenfou, D. Kob, M.-C. Okomo, J.-B. Elat Nfetam</i> Cameroon</p>	TUPEC266	<p>Characterization of advanced HIV disease in a rural sub-Saharan African cohort</p> <p><i>L. van Essen, A.V. Kalinjuma, A. Katende, H. Mapesi, N. Matskiv, T.R. Glass, T. Klimkait, D. Paris, M. Battegay, M. Weisser, E. Letang</i> Spain</p>
TUPEC258	<p>The association of schistosomiasis and HIV acquisition: A review of the literature</p> <p><i>P. Patel, E. Townley, D.H. Watts, W.E. Secor</i> United States</p>	TUPEC267	<p>Impact of TB-related interventions on mortality among people living with HIV on anti-retroviral therapy: A national observational cohort study in Papua New Guinea</p> <p><i>S. Miyano, N. Dala, P. Boas, G. Anup</i> WHO</p>
TUPEC259	<p>Delayed HIV testing among men who have sex with men in China is common: Findings from the T2T study</p> <p><i>H. Zou, X. Meng, Y. Lu, Z. Wang, T. Jia, H. Yin, Z. Luo, Y. Ding, W. Chen, S. Huang, H. Zheng, B. Yang, A. Grulich, The T2T Study</i> China</p>	<p>PEC268-C275 Epidemiology of non-AIDS infections and communicable diseases (e.g. viral hepatitis, STIs)</p>	
TUPEC260	<p>Male partners of adolescent girls and young women in Durban, South Africa: How high is their HIV risk and what groups are most at risk?</p> <p><i>A. Gottert, S. Mathur, C. Cawood, J. Pulerwitz</i> United States</p>	TUPEC268	<p>Virological and serological predictors of anal high-grade squamous intraepithelial lesions among HIV-positive men who have sex with men</p> <p><i>E. Marra, M.L. Siegenbeek van Heukelom, A. Leeman, T. Waterboer, C.J.L.M. Meijer, P.J.F. Snijders, A.J. King, I. Cairo, A. van Eeden, W. Brokking, W. Quint, J.M. Prins, H.J.C. de Vries, M.F. Schim van der Loeff</i> Netherlands</p>
TUPEC261	<p>HIV incidence and treatable STIs among adolescent girls and young women in Swaziland</p> <p><i>M. Gorgens, S. Ketende, A. Longosz, V. Tsododo, M. Dlamini, M. Nkambule, T. Dlamini, M. Mabuza, N. Dlamini, B. Dube, W. Heard, K. Sikwibele, D. De Walque, K. Mabuza, Sitakhela Likusasa Study Group</i> World Bank</p>	TUPEC269	<p>Behavioural profile of viral hepatitis co-infected MSM at HIV diagnosis</p> <p><i>T.H. Kwan, N.S. Wong, K.C.W. Chan, O.T.Y. Tsang, W.S. Leung, K.M. Ho, M.P. Lee, S.N. Chan, G.C.Y. Lui, S.S. Lee</i> Hong Kong, SAR of China</p>
		TUPEC270	<p>Results of a 15-year targeted HBV-vaccination program for high behavioral risk groups</p> <p><i>A. Urbanus, A. Meiberg, H. Ruijs</i> Netherlands</p>

TUPEC271	<p>Healthcare utilization and STI incidence in young men on pre-exposure prophylaxis (PrEP) compared to young men who are not on PrEP: The PrEPARE Study</p> <p><i>R. Hechter, L.-H. Chen, K. Yu</i> United States</p>	TUPEC281	<p>Neurocognitive complaints in people living with HIV: Characterizing clusters of patients with similar changes in neurocognitive complaints in the Swiss HIV Cohort Study</p> <p><i>K. Kusejko, L. Salazar-Vizcaya, D.L. Braun, M. Battegay, E. Bernasconi, A. Calmy, M. Cavassini, M. Hoffmann, R. Du Pasquier, J. Böni, S. Yerly, T. Klimkait, M. Perreau, A. Rauch, H.F. Günthard, R.D. Kouyos, and the Swiss HIV Cohort Study</i> Switzerland</p>
TUPEC272	<p>Eliminating hepatitis C as public health threat: Significant increase in HCV direct-acting antiviral therapy and rapid decline in viraemic prevalence among people who inject drugs in Australia</p> <p><i>J. Iversen, L. Maher</i> Australia</p>	TUPEC282	<p>Frailty-related phenotype, quality of life and non-communicable disease in older Ugandan adults - associations with toxic stress and HIV infection</p> <p><i>A.E. Ezeamama, N. Nakasujja, A. Sikorskii, M. Ssonko, N. Kaminski, D. Guwatudde, M.J. Boivin, B. Giordani</i> United States</p>
TUPEC273	<p>Low prevalence and incidence of hepatitis C among men who have sex with men and transgender women in a key population-led Test and Treat cohort in Thailand</p> <p><i>R. Ramautarsing, J. Jantarapakde, S. Pengnonyang, R. Meksen, N. Teachatanawat, T. Sungsing, P. Mingkwanrungruangkit, N. Mahachokchai, S. Samalu, T. Nakpor, R. Reankhomfu, P. Rattakitvijunnakorn, S. Tongmuang, S. Charoenying, S. Mills, R. Vannakit, P. Phanuphak, N. Phanuphak</i> Thailand</p>	TUPEC283	<p>Trends of Body Mass Index in HIV positive patients receiving antiretroviral treatment in rural Tanzania</p> <p><i>A.V. Kalinjuma, H. Hussey, G. Sikalengo, E. Letang, M. Battegay, D. Paris, M. Weisser, KIULARCO Study Group</i> Tanzania, United Republic of</p>
TUPEC274	<p>High burden of coinfection with HIV and hepatitis C virus (HCV) among people who inject drugs: A respondent-driven sampling study in Jakarta, Indonesia</p> <p><i>C. Stoicescu, A. Iryawan, M. Mahanani, E. Nasution</i> United Kingdom</p>	TUPEC284	<p>Higher risk of metabolic syndrome among HIV infected women compared to men in Kenya</p> <p><i>A. Osoji, T. Temu, S. Page, N. Kirui, G. Bloomfield, C. Farquhar</i> Kenya</p>
TUPEC275	<p>Perinatal HIV diagnosis and STI treatment outcomes among HIV positive women in Pretoria, South Africa</p> <p><i>L. de Vos, M. Mudau, D. Olivier, C. Bezuidenhout, J. Klausner, K. Lovero, A. Medina-Marino</i> South Africa</p>	TUPEC285	<p>Concurrence of unhealthy alcohol use, tobacco use, and depression on all-cause mortality among persons living with HIV</p> <p><i>N. Chichetto, S. Kundu, M. Freiberg, A. Butt, R. Cook, K. So-Armah, H. Tindle, Veterans Aging Cohort Study</i> United States</p>
PEC276-C287	<p>Epidemiology of non-AIDS non-communicable diseases (e.g. non-AIDS cancers, CVD)</p>	TUPEC286	<p>HIV nor ART contribute to cardiovascular disease risk proxy in a young urban African population</p> <p><i>A. Vos, M. Moorhouse, R. Barth, D. Grobbee, F. Venter, K. Klipstein-Grobusch</i> Netherlands</p>
TUPEC276	<p>Health conditions and use of medications by people living with HIV: The Positive Voices 2017 Survey</p> <p><i>M. Auzenberg, M. Kall, V. Delpech</i> United Kingdom</p>	TUPEC287	<p>Association between recommended first-line antiretroviral therapy regimens and chronic kidney disease in HIV-positive adults in Thailand: A retrospective cohort study</p> <p><i>N. Paengsai, R. Chaiwarith, T.R. Cressey, N. Salvadori, A. Tantraworasin, N. Kosachunhanun, C. Bowonwatanuwong, S. Bhakeecheep, K. Noppakun</i> Thailand</p>
TUPEC277	<p>Prevalence and risk factors for hypertension among people living with HIV in Zambia</p> <p><i>J. Pry, M. Vinikoor, E. Geng, M. Roy, A. Mody, N. Padian, C. Bolton, I. Sikazwe, C. Holmes</i> Zambia</p>	PEC288-C290	<p>Describing the spread of HIV through molecular epidemiology</p>
TUPEC278	<p>Opportunities, challenges and implications of m-Health oral cancer screening for HIV-positive individuals in India</p> <p><i>S. Joshi, L. Marbaniang, A. Chandanwale, S. Sangle, S. Khaire, R. Thakur, A. Gupta, R. Chigurupati, V. Mave</i> India</p>	TUPEC288	<p>A web-based searching program for nationwide HIV transmission clusters efficiently detected local HIV transmission in the MSM group in Japan</p> <p><i>T. Shiino, M. Takeyama, M. Ishihara, R. Minami, A. Hachiya, Y. Yokomaku, W. Sugiura, K. Yoshimura, The Japanese Drug Resistance HIV-1 Surveillance Network</i> Japan</p>
TUPEC279	<p>Noncommunicable diseases among HIV-infected persons in low- and middle-income countries: A systematic review and meta-analysis</p> <p><i>P. Patel, C. Rose, P.Y. Collins, B. Nuche-Berenguer, V.V. Sahasrabudde, E. Peprah, S. Vorkoper, S.D. Pastakia, D. Rausch, N.S. Levitt</i> United States</p>	TUPEC289	<p>A comprehensive mapping of HIV-1 genotypes in various risk groups and regions across China based on a nationwide molecular epidemiologic survey</p> <p><i>Y. Feng, H. Xing, Y. Ruan, L. Liao, L. Plessis, Y. Shao, Group for HIV Molecular Epidemiologic Survey of China</i> China</p>
TUPEC280	<p>Heart rate variability, HIV and cardiovascular disease risk in rural South Africa</p> <p><i>N.G. Godijk, A.G. Vos, V. Jongen, R. Moraba, H. Tempelman, D.E. Grobbee, R.A. Coutinho, W. Devillé, K. Klipstein-Grobusch</i> Netherlands</p>		

TUPEC290	<p>External introductions sustain endemic HIV incidence in South Africa: Implications for public health interventions</p> <p><i>C. Coltart, A. Zhukova, A. Tostevin, G. Harling, O. Stirrup, F. Tanser, D. Pillay, O. Gascuel, S. Hue, A. Johnson</i> United Kingdom</p>	TUPEC300	<p>Modeling the impact and cost-effectiveness of oral pre-exposure prophylaxis (PrEP) in Mozambique</p> <p><i>J. Dent Hulse, K. Kripke, T. Hawry, N. Gaspar, A. Cuoto, N. Chicucuecue, J. Seleme, D. Castor, C. Pretorius</i> United States</p>
<p>PEC291-C300 Modelling the potential impact of prevention strategies on the HIV epidemic</p>		<p>PEC301-C303 Modelling the evolution of the HIV epidemic through behavioural and PrEP studies</p>	
TUPEC291	<p>A mathematical modeling analysis of HIV transmission following release from prisons in the US among participants in the imPACT intervention trial</p> <p><i>S. Levintow, K. Powers, C. Golin, K. Knight, P. Flynn, J. Carda-Auten, J. Groves, B. Pence, B. White, S. Napravnik, D. Wohl</i> United States</p>	TUPEC301	<p>Effectiveness and cost-effectiveness of condomless sex-targeted PrEP in KwaZulu Natal, South Africa: Influence of HIV testing frequency and 1st line ART regimen</p> <p><i>A. Phillips, V. Cambiano, R. Homan, T. Rehle, G. Meyer-Rath, L.F. Johnson, F. Tanser, S. Moyo, D. Castor, E.S. Russell, R.V. Barnabas, U. Parikh, J. Mellors, P. Revill</i> United Kingdom</p>
TUPEC292	<p>Oral Pre-Exposure Prophylaxis (PrEP) modeling for strategic planning: Results from thirteen countries</p> <p><i>M. Schnure, K. Kripke, S. Forsythe, M. Hamilton, J. Dent, M. Reidy, R. Glaubius, D. Castor, C. Pretorius</i> United States</p>	TUPEC302	<p>PrEP for MSM can result in reductions in HIV transmission and can be cost-effective, even with a small decrease in condom use</p> <p><i>M. Reitsema, A.J. van Hoek, J. Wallinga, B. van Benthem, A. van Sighem, M. Schim van der Loeff, M. Xiridou</i> Netherlands</p>
TUPEC293	<p>Determinants of the predicted effectiveness of universal test and treat in a high prevalence generalised HIV epidemic: Insights from the HPTN 071 (PopART) individual-based model</p> <p><i>R. Sauter, W. Probert, M. Pickles, A. Cori, S. Floyd, D. Donnell, S. Fidler, R. Hayes, C. Fraser, for the HPTN 071(PopART) study team</i> United Kingdom</p>	TUPEC303	<p>Evaluating the cost-effectiveness and impact of oral pre-exposure prophylaxis for HIV prevention in Swaziland</p> <p><i>S. Forsythe, K. Kripke, M. Schnure, S. Matse, N. Gambu, D. Castor, E. Njeuhmeli, C. Pretorius</i> Mexico</p>
TUPEC294	<p>The impact of more frequent HIV testing on HIV transmission among men who have sex with men</p> <p><i>M. Reitsema, M. Visser, B. van Benthem, J. Heijne, M. Xiridou</i> Netherlands</p>	<p>PEC304 Modelling attempts to end HIV</p> <p>TUPEC304</p>	<p>Mobile multi-disease screening at scale: Modelling the effects in Kenya, Nigeria, and India</p> <p><i>P. Kasaie, B. Weir, D. Dowdy, K. Baker, L. Holmes, S. Labossiere, C. Beyrer</i> United States</p>
TUPEC295	<p>Estimating the potential impact of PrEP uptake scenarios on the HIV epidemic in the United States</p> <p><i>J. Chou, M. Skornicki, E. Bendavid, O. Diaz</i> United States</p>	<p>PEC305-C310 The role of social and sexual networks in the spread of HIV</p> <p>TUPEC305</p>	<p>Evaluating the role of friendship networks and other factors upon participation in couples-based HIV testing and counselling (CHTC) in KwaZulu-Natal, South Africa</p> <p><i>M. Johnson, L.A. Darbes, K. Fritz, V. Hosegood, M.O. Johnson, T. Ngubane, H. van Rooyen, N. McGrath</i> United Kingdom</p>
TUPEC296	<p>Modeling the potential impact of the dapivirine ring for HIV prevention</p> <p><i>K. Kripke, M. Reidy, E. Gardiner, on behalf of the OPTIONS Consortium</i> United States</p>	TUPEC306	<p>Hotspots by random chance: Small community size and isolation can explain "patchiness" in HIV epidemics</p> <p><i>A. Bershteyn, A. Akullian, D. Klein, B. Jewell, A. Vandormael, D. Cuadros, F. Tanser, P. Eckhoff</i> United States</p>
TUPEC297	<p>Modeling projected HIV incidence in the SEARCH study of treatment as prevention in East Africa</p> <p><i>B. Jewell, L.B. Balzer, T.D. Clark, E.D. Charlebois, S.R. Maddali, A. Akullian, M.R. Kamya, D.V. Havlir, M.L. Petersen, A. Bershteyn</i> United States</p>	TUPEC307	<p>Methods to study network subcomponents of uninfected people during an HIV outbreak among people who inject drugs (PWID): An example from Athens</p> <p><i>S.R. Friedman, L.D. Williams, E. Kostaki, E. Pavlitina, D. Paraskevis, A. Hatzakis, J. Schneider, P. Smyrnov, G. Nikolopoulos</i> United States</p>
TUPEC298	<p>Antiretroviral treatment, prevention of transmission and modeling the HIV epidemic: Why the calculated ART effectiveness parameter matters</p> <p><i>R. Granich, S. Gupta, M. Wollmers, M. Ruffner, B. Williams</i> India</p>		
TUPEC299	<p>Modeling structural changes allowing scale-up of harm reduction and antiretroviral therapy for people who inject drugs on the HIV epidemic in Russia</p> <p><i>J. Cepeda, P. Vickerman, C. Beyrer, N. Martin</i> United States</p>		

TUPEC308	<p>Inferring age-assortative mixing patterns by applying phylogenetic methods on the HIV transmission network of the Swiss HIV Cohort Study</p> <p><i>K. Kusejko, C. Kadelka, A. Marzel, M. Battegay, E. Bernasconi, A. Calmy, M. Cavassini, M. Hoffmann, J. Böni, S. Yerly, T. Klimkait, M. Perreau, A. Rauch, H.F. Günthard, R.D. Kouyos, Swiss HIV Cohort Study</i> Switzerland</p>	TUPEC317	<p>Study of behavioral models of transgender people leading to high rates of HIV prevalence in Ukraine</p> <p><i>I. Medvid</i> Ukraine</p>
TUPEC309	<p>"We still get down, but we not together": How Black U.S. heterosexual men's narratives about sexual partner type and condom use disrupt the main and casual partner dichotomy</p> <p><i>I.A. Bowleg, J. Massie, S. Holt, J. Tschann</i> United States</p>	TUPEC318	<p>Are HIV variants from former soviet union countries spreading across the world?</p> <p><i>L. Aibekova, B. Foley, S. Abidi, S. Ali</i> Kazakhstan</p>
TUPEC310	<p>Steady male sexual partner network correlates of forced sex among Black women at risk for HIV in Baltimore, MD, USA</p> <p><i>K.K. Gundersen, J.K. Stockman, N.A. Al-Alusi, J.C. Campbell, A.N. Cimino, A.E. Rudolph</i> United States</p>	TUPEC319	<p>Sex work trajectories over a 3-month period among a cohort of new female exotic dancers in Baltimore, MD</p> <p><i>N. Flath, N. Opper, J. Park, M. Brantley, K. Morales, S. Sherman</i> United States</p>
PEC311-C316 The role of syndemics		TUPEC320	<p>Estimating the potential impact of compulsory drug abstinence programs (CAP) on HIV incidence among people who inject drugs (PWID) in Tijuana, Mexico, using mathematical modeling</p> <p><i>A. Borquez, C. Rafful, D. Abramovitz, L. Beletsky, S. Strathdee, N.K. Martin</i> United States</p>
TUPEC311	<p>Impact of personality disorders on leaving hospital against medical advice among people living with HIV in British Columbia, Canada</p> <p><i>T. Beaulieu, T. Li, A. Wu, V. Lima, A. Krishnamoorthy, J. Montaner, R. Barrios, L. Ti, on behalf of the STOP HIV/AIDS Study Group</i> Canada</p>	TUPEC321	<p>Racial microaggressions, not overt racial discrimination, heighten U.S. Black heterosexual men's sexual HIV risk through increased substance use before or during sex</p> <p><i>S.L. Holt, A.M. del Río-González, I.A. Bowleg</i> United States</p>
TUPEC312	<p>Syndemic conditions of substance use, intimate partner violence (IPV) and incarceration and HIV risk among US-based young Black MSM (YBMSM): Implications for the global HIV epidemic among MSM</p> <p><i>A. Maiorana, E.A. Arnold, S. Brown, R. Williams, S.M. Kegeles</i> United States</p>	PEC322-C328 Understanding the spread of HIV through behavioural studies	
TUPEC313	<p>Effectiveness of an integrated, syndemically-oriented sexual risk reduction intervention among MSM in North India: Findings from a quasi-experimental trial</p> <p><i>V. Chakrapani, M. Kaur, R. Kumar</i> India</p>	TUPEC322	<p>Coverage of modern contraceptive use and highly active anti-retroviral therapy among women of reproductive age living with HIV in Nigeria</p> <p><i>F. Oluwasina, B. Onifade, K. Ssamula, I. Okafor, W. Odoke, P. Iutung, O. Gbadamosi, J. Gonzalez Perez</i> Nigeria</p>
TUPEC314	<p>Transactional sex and poverty as syndemic conditions for HIV risk among transgender women</p> <p><i>J. Parsons, N. Antebi-Gruszka, B. Millar, D. Cain, S. Gurung, H.J. Rendina</i> United States</p>	TUPEC323	<p>Condomless anal intercourse by partner type among Chinese men who have sex with men in Tianjin</p> <p><i>N. Zhou, J.A. Bauermeister, W. Guo, M. Yu, J. Yang, M. Zheng, Y. Guo, H. Gong, Y. Gao, G. Jiang</i> China</p>
TUPEC315	<p>Finding casual sex partners on the internet, and the twin epidemics of methamphetamine use and incident HIV infection in a cohort of MSM in Bangkok, Thailand</p> <p><i>P. Piyaraj, P.A. Mock, W. Thienkrua, J. Tongtoyai, A. McNamara, W. Chonwattana, W. Wimsate, A. Varangrat, T.H. Holtz, K.E. Nelson, F. van Griensven</i> Thailand</p>	TUPEC324	<p>Could increases in high-risk sexual behaviour contribute to continuing high HIV incidence following the scale-up of ART? Evidence from East Zimbabwe</p> <p><i>S. Gregson, C. Nyamukapa</i> United Kingdom</p>
TUPEC316	<p>Association of HIV infection with syndemics of psychosocial factors and condomless anal intercourse in MSM in Malaysia</p> <p><i>R.X. Ng, M.A. Ab Halim, T. Guadamuz, A. Kamarulzaman, S.H. Lim</i> Malaysia</p>	TUPEC325	<p>HIV testing among Black heterosexual men in the U.S. capital is linked with social-structural factors at the individual, but not the neighborhood, level</p> <p><i>A.M. del Rio Gonzalez, M. Mbaba, S. Holt, I. Bowleg</i> United States</p>
PEC317-C321 The role of political and structural factors		TUPEC326	<p>Intimate partner violence, depressive symptoms and sexual behaviour among gay, bisexual and other men who have sex with men in the PROUD PrEP trial</p> <p><i>A. Miltz, F. Lampe, L. Bacchus, S. McCormack, D. Dunn, E. White, A. Rodger, A. Phillips, L. Sherr, M. Gafos, PROUD Study Group</i> United Kingdom</p>

TUPEC327 **Poor acceptance of HIV diagnosis is a primary barrier to successful engagement in HIV medical care among vulnerable, high-risk heterosexuals in the United States**

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TUPEC328 **Disclosure of HIV diagnosis and its relationship to successful engagement in medical care and initiation of ART in the 21st century**

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PEC329-C333 Modelling future healthcare needs

TUPEC329 **Outcomes of South African mothers living with HIV (MLH) and their children compared to neighborhood peer mothers without HIV (MWOH) and their children over five years**

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TUPEC330 **Quantifying the impact of reduced investments in integrated HIV care delivery in Belgium**

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TUPEC331 **Estimating latent tuberculosis infection prevalence in the United States: Back-calculation from active TB cases**

*A. Mirzazadeh, I.E. Fellows, A. Parriott, H. Ashki, A. Readhead, P. Barry, J. Flood, T.R. Navin, A.N. Hill, S. Reynolds, S. Marks, D. McCabe, J. Mermin, J.G. Kahn, P.B. Shete
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TUPEC332 **Epidemiological benefits of integrating services for the secondary prevention of cervical cancer into HIV care in Kenya: A mathematical modelling study**

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TUPEC333 **Characterizing the need for integrated chronic disease healthcare for people living with HIV**

*B. Osetinsky, A. Mwangi, E. Sang, G. Bloomfield, S. Pastakia, R. Wamai, S. de Vlas, J. Hontelez, J. Hogan, S. McGarvey, M. Lurie, O. Galarraga
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PEC334-C339 Identifying optimal service models

TUPEC334 **Prevalence and predictors of viral suppression among people living with HIV in British Columbia, Canada: Findings from the SHAPE study**

*A. Bever, K. Salters, L. Ti, S. Parashar, C. Olatunbosun, G. McGowan, R. Hogg, R. Barrios, SHAPE Study
Canada*

TUPEC335 **Simplifying switch to second line ART: Predicted effect of a policy of defining 1st line failure of efavirenz-based regimens by a single VL > 1000 in sub-Saharan Africa**

*A. Shroufi, V. Cambiano, L. Bansil-Matharu, G. Van Cutsem, D. Maman, A. Phillips
South Africa*

TUPEC336 **HIV disclosure to partners among pregnant women receiving HIV care in Kenya**

*D. Matemo, L. Osborn, K. Ronen, J. Unger, A.L. Drake, G. John-Stewart, J. Kinuthia
United States*

TUPEC337 **Nigeria needs to prioritize cost effective HIV Testing Services (HTS) strategy and approach to achieve the UNAIDS 90: 90: 90 targets**

*G.S. Okorie, E. Ikomi, E. Agogo, I. Idika-Chima
Nigeria*

TUPEC338 **Identifying components of service delivery and HIV care cascade outcomes: A systematic review of Methadone Maintenance Treatment (MMT)**

*N.A. Mohd Salleh, P. Voon, M. Karamouzian, J. Shoveller, E. Wood, M.J. Milloy, L. Richardson
Canada*

TUPEC339 **The second cascade in the management of adult patients after first line ART failure in public HIV clinics in Durban, South Africa**

*H. Sunpath, K. Naidu, S. Pillay, M.Y.S. Moosa, P. Dladla-Msimango, V. Marconi, K. Naidoo, M. Seidner, D.J. Brijikumar
South Africa*

Track D: Social and political research, law, policy and human rights

PED340-D348	Social and behavioural concepts and theories
TUPED340	Alcohol community's intervention for prevention of HIV risk amongst youth in Pretoria <i>M.R. Manganye</i> South Africa
TUPED341	Mediation analysis among peer norms, self-efficacy, and condom use among Chinese men who have sex with men: A parallel process latent growth curve modeling <i>H. Li, J. Tucker, C. Wei, W. Ma, J. Wang, G. Marley, D. Kang, M. Liao, W. Tang, B. Jiang</i> China
TUPED342	Developing a typology of HIV/STI testing patterns and associated motivators: A framework to guide interventions among men who have sex with men <i>R.K.J. Tan, N. Kaur, C.S. Wong, M.I.-C. Chen</i> Singapore
TUPED343	HIV microaggressions: A novel area of stigma research among people living with HIV <i>L. Eaton, C. Merley, B. Hamilton, T. Grebler, M. Kalichman, S. Kalichman</i> United States
TUPED344	From knowledge to empowerment: A holistic approach to decrease the incidence of HIV among young people globally <i>W.J. van Enck, M. Todesco, D. Braeken</i> Netherlands
TUPED345	Using social science methods to understand pathways to impact: A national HIV self-testing intervention targeting men who have sex with men and trans people in England and Wales <i>T.C. Witzel, F.M. Burns, A. Rodger, C. Bonell, F. Lampe, A. Speakman, D. Dunn, D. Ward, L. McCabe, M. Gabriel, M. Gafos, R. Trevelion, S. McCormack, A. Phillips, P. Weatherburn</i> United Kingdom
TUPED346	Developing and validating a Safer Sex Empowerment Scale (SSES) for young Black men who have sex with men <i>S.K. Choi, S. Legrand, K. Muessig, S. Ennett, M. Boynton, L. Hightow-Weidman</i> United States
TUPED347	Motivation matters! Using qualitative research to develop an mHealth intervention to support antiretroviral adherence among HIV-positive female sex workers in Mombasa, Kenya <i>F.M. Aunon, G. Wanje, L. Masese, T.A. Odeny, W. Jaoko, J. Simoni, R.S. McClelland</i> United States
TUPED348	The roles of behavioral and social sciences research in the fight against HIV/AIDS: A functional framework <i>P. Gaist, M. Stirratt</i> United States
PED349	Strengthening social and behavioural data collection and analysis
TUPED349	Novel measures of personal and cultural themes likely to affect HIV risk when large-scale economic or sociopolitical change occurs <i>S.R. Friedman, E.R. Pouget, M. Sandoval, G.K. Nikolopoulos, P. Mateu-Gelabert, D. Rossi</i> United States

PED350-D351	Mixed methods, integrated approaches and synergies in HIV research and intervention
TUPED350	Effecting change in research and policy for women living with and vulnerable to HIV through the women's research initiative on HIV/AIDS (WRI) <i>D. Averitt, J.D. Auerbach, G.M. Brown, J. Conley, L. Fitzpatrick, J. Kates, C.R. Wira, K. Martel</i> United States
TUPED351	Trade and health. Emergence of local drug markets, HIV and injected drugs in Hermosillo, Sonora México. Results from a mixed study <i>A.M. Ospina Escobar, C. Magis Rodriguez</i> Mexico
PED352-D362	Qualitative and ethnographic methods in HIV research
TUPED352	Mapping the intersections of space, place, and health: Geo-narratives of living with HIV in San Francisco, California <i>A. Martinez, X. Liu</i> United States
TUPED353	Critical reflections on the use of repeated collages to understand the experiences of young women living with HIV in urban Zambia <i>C.R.S. Mackworth-Young, A. Wringe, A. Stangl, K. Sievwright, V. Bond</i> United Kingdom
TUPED354	Online focus group discussions with transgender women in the Eastern and Southern United States: An emerging qualitative method for HIV research <i>E. Cooney, S. Reisner, D. Pardee, A. Wirtz</i> United States
TUPED355	Construction of HIV-infected Lithuanian female drug users' identity in biographical narratives <i>G. Aleksaitienė</i> Lithuania
TUPED356	A qualitative analysis of sexual communication and uncertainty management among participants in Taiwan CDC PrEP demonstration project <i>P. Huang, H.-J. Wu, F.-M. Jan, L.-W. Mao, N.-Y. Ko, C.-W. Li, C.-Y. Cheng, C. Strong, S.W.-W. Ku</i> United States
TUPED357	Psychosocial barriers to HIV care in Uganda <i>S. Lofgren, L. Atuyembe, N. Nakasujja, P. Kirumira, R. Rajasingham, D. Meya, D. Boulware</i> United States
TUPED358	AIDS in action: Researching a new movement led by Canadians living with HIV <i>C. Hui</i> Canada
TUPED359	'Being healthy' as a factor for both accepting and refusing to initiate ART: A cross-sectional qualitative study in the era of Test and Treat in Mozambique <i>A. Magaco, K. Dovel, F. Cataldo, P. Nhassengo, J. Tique, A. Couto, R. Hoffman, L. Nerua, M. Saide, E. Samo Gudo, S. Chicumbe</i> Mozambique
TUPED360	Understanding motives for initiating PrEP amongst adolescent girls and young women (AGYW) in South Africa and Tanzania <i>S. Lees, F. Scorgie, E. Mashauri, N. Khoza, L. Ramskin, D. Baron, S. Delaney, S. Harvey</i> United Kingdom

TUPED361	<p>Person-focus analyses of resilience among newly diagnosed HIV positive men who have sex with men: Results from an ethnographic study in China</p> <p><i>H. Li, E. Holroyd</i> China</p>	TUPED372	<p>Community and provider attitudes towards treatment interruptions in HIV cure trials</p> <p><i>J.S.Y. Lau, M.Z. Smith, B. Allan, C. Martinez, J. Power, S.R. Lewin, J.H. McMahon</i> Australia</p>
TUPED362	<p>HIV: Once a crisis, now undetectable? An ethnographic study of ageing gay men's long-term experience of HIV</p> <p><i>C. Zraunig, E. Moyer</i> Netherlands</p>	TUPED373	<p>The InvestiGAYtors program: Developing research capacity among young gay, bi and other men who have sex with men</p> <p><i>S. Nam, D. Brennan, A. Ablona, F. Ibanez-Carrasco, B. Adam, M. Gilbert, A. Kroch, N. Lachowsky, O. Ferlatte, J. Morgan</i> Canada</p>
PED363-D366	<p>Knowledge translation and dissemination of research and programme outcomes</p>	TUPED374	<p>Engaging young Tanzanian women in participatory research to understand structural drivers of HIV and disseminate results to the community</p> <p><i>P. Balvanz, J. Wamoyi, A. Pettifor, K. Atkins, S. Maman</i> United States</p>
TUPED363	<p>The Dance4Life youth empowerment model: A catalyst to foster the role of young people in promoting sexual lives and relationships</p> <p><i>S. Adhikari, A. Mishra</i> India</p>	TUPED375	<p>Data difficulties encountered in crowdsourcing information on legal & regulatory barriers to accessing HIV services (testing and care) for key populations across Europe</p> <p><i>J.V. Hows, L. Power, S. Jakobsen, L. Sprague, A. Von-Lingen, M. Dutarte</i> Netherlands</p>
TUPED364	<p>Using archival materials, art and poetry to improve sexual and reproductive global health training and programs</p> <p><i>K.A. Stewart, M. de Bruyn, R. Ingold, K.K. Swain</i> United States</p>	PED376	<p>Role of social and behavioural science in biomedical responses</p>
TUPED365	<p>Listen to the experts; how policymakers and influencers like to receive evidence</p> <p><i>J. Koch</i> South Africa</p>	TUPED376	<p>Level of knowledge and attitude of medical students to the problem of TB and HIV</p> <p><i>N. Kolisnyk</i> Ukraine</p>
TUPED366	<p>Setting the global research agenda on faith sector engagement for HIV service delivery and HIV prevention services</p> <p><i>M.T. Tejjema, M.O. Kok, S.L. van Elsland, D.R. Barstow, A.M. van Furth</i> Netherlands</p>	PED377	<p>Research data disaggregation by factors such as sex, age, race/ethnicity, sexual orientation, etc.)</p>
PED367-D375	<p>Community engagement in research and research dissemination</p>	TUPED377	<p>Gender based differences in clinical characteristics and social barriers to HIV care among HIV-infected participants in four African countries</p> <p><i>K. Ganesan, A. Esber, T.A. Crowell, C. Polyak, E.H. Lee, P. Coakley, E. Bahemana, Y. Adamu, F. Kiweewa, J. Maswai, J. Owuoth, J. Ake</i> United States</p>
TUPED367	<p>"I'm doing something that matters, that might change the world we live in": Community perspectives on advancing the HIV cure research agenda</p> <p><i>A.K. Johnson, J. Pickett, J. Holliman, R. Fierro, G.J. Greene</i> United States</p>	PED378-D411	<p>Positive health, dignity, psychological well-being, and mental health</p>
TUPED368	<p>Improving HIV cure clinical research engagement: Voices from stakeholders</p> <p><i>A. Mathews, E. Valera, C. Harding, S. Day, M. Blumberg, S. Rennie, J. Tucker, D. Margolis</i> United States</p>	TUPED378	<p>Trajectories of HIV-related internalized stigma and disclosure concerns among ART initiators and non-initiators in South Africa</p> <p><i>B. Chan, B. Maughan-Brown, L. Bogart, V. Earnshaw, J. Dietrich, C. Orrell, G. Gray, D. Bangsberg, I. Katz</i> United States</p>
TUPED369	<p>Women and the International AIDS Conference: Will anything change? An analysis of women living with HIV as abstract presenters at AIDS2016</p> <p><i>M. Tholanah, M. Musiiwa, E. Bell, F. Hale, A. Welbourn</i> Zimbabwe</p>	TUPED379	<p>Health-related quality of life of people living with HIV in Spain</p> <p><i>M.J. Fuster Ruiz de Apodaca, A. Laguia, J. del Amo, P. Arazo, D. Dalmau, R. Font, J.C. Lopez, F. Lozano, E. Negredo, M. Pastor, S. Cenoz, M.J. Galindo</i> Spain</p>
TUPED370	<p>Qualitative and community-based approaches to maternal disclosure in the pediatric HIV/AIDS cohort study (PHACS)</p> <p><i>C. Berman, D. Kacanek, M. Nichamin, M. Reznick, K. Sanders, S. McCann, E. Chadwick</i> United States</p>	TUPED380	<p>Factors influencing quality of life of persons living with human immunodeficiency virus (HIV) infection in Almaty, Kazakhstan</p> <p><i>B. Zhakipbayeva, Z. Nugmanova, M. Tracy, G. Birkhead, G. Akhmetova, J. DeHovitz</i> Kazakhstan</p>
TUPED371	<p>Using robust, evidenced based infographics in 6 Caribbean countries to inform community advocacy, and illustrate the reforms necessary to meet UN sustainable development goals, and show the human rights challenges</p> <p><i>J. Shepherd, W. Tannis-Abbott, S. Jiwan, J. Hows</i> Trinidad and Tobago</p>	TUPED381	<p>Voluntary drug addiction treatment at community level in Viet Nam</p> <p><i>D.T. Ninh Xuan</i> Vietnam</p>

- TUPED382 **Effect of psychosocial group intervention on social support among depressed HIV infected perinatal women in Dar es Salaam, Tanzania: A cluster randomized controlled trial**
M. Somba, E. Larson, H. Siril, A. Kaale, A. Minja, A. Mwimba, A. Komba, F. Ngakongwa, J. Kamala, Z. Aloyce, M.C. Smith Fawzi, S.F. Kaaya
Tanzania, United Republic of
- TUPED383 **Does stigma really impact health and well-being in persons living with HIV (PLHIV)?**
M. Hamilton, K. Adams Tufts, K. Nokes, P. Chaiphibalsarisdi, W. Holzemer, J. Perazzo, P. Ortgon, C. Phillips, C. Dawson-Rose, E. Sefcik, R. Schnall, I. Corless, M. Kesterson, L. Davis, R. Musanti, A. Bagchi, K. Edmonds, L.A. Diggs, P. Haggerty, S. Jen, J. Martin, J. Wait, L. Koperna, J. Hoch, A. Pedrazoli, A. Webel
United States
- TUPED384 **Burden of HIV-related stigma and associated factors among prenatal women living with depression accessing PMTCT services in Dar es Salaam, Tanzania**
A. Minja, E. Larson, A. Komba, A. Mwimba, A. Kaale, J. Kamala, M. Somba, Z. Aloyce, H. Siril, S.F. Kaaya, M.C.S. Fawzi
Tanzania, United Republic of
- TUPED385 **Determinants of mental health problems among children living with HIV in Malawi: A cross-sectional study**
F.W. Kalembo, G.E. Kendall, M. Ali
Malawi
- TUPED386 **Working together to promote the physical and psychosocial wellbeing of children living with HIV through the safe and effective disclosure of HIV status: A qualitative study**
F.W. Kalembo, G.E. Kendall, M. Ali
Malawi
- TUPED387 **We are much more than our HIV status: Uniting HIV+ women in Kyiv to address HIV-related stigma using immediate intervention model**
V. Varyga, I. Nerubaieva
Ukraine
- TUPED388 **The impact of social support on HIV care attendance and ART adherence in PLH social networks in St. Petersburg, Russia**
Y. Amirkhanian, J. Kelly, A. Kuznetsova, A. Meylakhs, A. Yakovlev, V. Musatov
United States
- TUPED389 **A dyadic investigation of relationship dynamics and depression in HIV-positive couples from Malawi**
A. Conroy, E. Tuthill, T. Neilands, M. Johnson, N. Mulauzi, J. Mkandawire
United States
- TUPED390 **Does social support serve emotion regulation function in death anxiety among people living with HIV/AIDS?**
J. Chukwuorji, C. Uzuegbu, C. Chukwu, C. Ifeagwazi
Nigeria
- TUPED391 **Psychosocial support for people living with HIV in Burkina Faso through SMS**
M. Geldof, N. Wagner, B.A. Thiombiano
Netherlands
- TUPED392 **What do we know about reducing self-stigma among people living with HIV (PLHIV) and key populations affected by HIV? A systematic review of interventions from low and middle-income countries (LMIC)**
M. Pantelic, J. Steinert, J. Park, F. Murau, S. Mellors
United Kingdom
- TUPED393 **The young people living with HIV stigma survey UK: Self-image related to an HIV diagnosis**
I. Lut, C. Smith, A. Hudson, V. Delpech, C. Foster
United Kingdom
- TUPED394 **Influence of harmful alcohol drinking on anti-retroviral therapy adherence and health-related quality of life in HIV-positive people in Nepal: A community-based cross-sectional study**
S. Pokhrel, V.D. Sharma, K. Gaulee, K. Pokhrel
Nepal
- TUPED395 **Linking perceived stigma and mental health in adults living with HIV: The mediating effect of self-compassion and psychological flexibility**
A. Martins, C. Chaves, M.C. Canavarro, M. Pereira
Portugal
- TUPED396 **Emotional wellbeing, drug and alcohol use, and their relationship with adherence to anti-retroviral therapy among MSM living with HIV in Guatemala**
K.M. Guzman Guevara, J.P. Alvis Estrada, R. Santa Luce, D.A. Davis, I. Loya-Montiel, C. Barrington
Guatemala
- TUPED397 **Invisible no longer: Exploring the experiences of women living with and at risk of HIV in the UK through two national surveys and six workshops**
J. Stevenson, E. Bell, F. Hale, L. Kwardem, D. Laycock, J. Lennon, F. Obadeyi, J. Shepherd
United Kingdom
- TUPED398 **'I know where my tribe is': An online social network for people living with HIV**
N. Holas
Australia
- TUPED399 **PozQoL - a short quality of life measure for people living with HIV**
G. Mikolajczak, G. Brown, A. Lyons, J. Power, F. Drummond, A. Cogle, B. Allan, C. Cooper, S. O'Connor, S. Malhotra
Australia
- TUPED400 **Relationship between perceived stress, depression and self-efficacy among female sex workers in Southern India**
S.K. Patel, M. Battala, B. Mahapatra, N. Saggurti, Y. Atmavilas
India
- TUPED401 **The prevalence and correlates of depression in a cohort of HIV-Infected pregnant women in Kenya**
L. Osborn, K. Ronen, D. Matemo, J. Unger, A. Drake, J. Kinuthia, G. John-Stewart
Kenya

TUPED402	<p>Understanding anxiety during sex among women living with HIV in Canada: A cross-sectional analysis of social, psychological, and relational factors</p> <p><i>A. Carter, S. Greene, D. Money, M. Sanchez, K. Webster, V. Nicholson, L.A. Brotto, C. Hankins, M. Kestler, N. Pick, K. Salters, K. Proulx-Boucher, N. O'Brien, S. Patterson, L. Wang, L. Tiamiyu, A. de Pokomandy, M. Loutfy, A. Kaida, CHIWOS Research Team Canada</i></p>	<p>PED412-D419</p> <p>Adaptation to living with HIV for individuals, families, and communities</p>
TUPED403	<p>Psychological and socio-cultural effects of forced and coerced sterilisation on women living with HIV (WLHIV) in Namibia</p> <p><i>K. Bakare, S. Gentz Namibia</i></p>	<p>TUPED412</p> <p>"It is our time": Confronting internalized stigma to empower young people living with HIV</p> <p><i>B. Nanyonjo, B. Nabuuma, P. Senteza Uganda</i></p>
TUPED404	<p>Hope in HIV infected depressed perinatal women participants of a psycho social group intervention in urban Tanzania</p> <p><i>A. Mwimba, E. Larson, A. Komba, A. Kaale, A. Minja, J. Kamala, M. Somba, Z. Aloyce, M.C. Smith Fawzi, S.F. Kaaya Tanzania, United Republic of</i></p>	<p>TUPED413</p> <p>The effect of social stigma on drug adherence for HIV positive secondary school teenagers in St. Kizito SSS Katikamu, December 2017</p> <p><i>K.C. Richard, Secondary School Teenagers 13-19 years Uganda</i></p>
TUPED405	<p>Risk factors for relapse of depressive symptoms after a psychosocial group intervention for depressed perinatal women attending PMTCT-plus services in Dar es Salaam, Tanzania: A cluster randomized controlled trial</p> <p><i>A. Komba, E. Larson, A. Mwimba, A. Kaale, A. Minja, J. Kamala, M. Somba, Z. Aloyce, M.C. Smith Fawzi, S. Kaaya, H. Siril Tanzania, United Republic of</i></p>	<p>TUPED414</p> <p>Filial piety as a risk factor for self-stigma and poor mental health among HIV-positive men who have sex with men (MSM) in China</p> <p><i>R.C.H. Chan, A. Restar, R. Cheng, W. Mak United States</i></p>
TUPED406	<p>The Young People Living with HIV Stigma Survey UK: An intergenerational comparison of self-image related to an HIV diagnosis</p> <p><i>I. Lut, C. Smith, A. Hudson, V. Delpech, C. Foster United Kingdom</i></p>	<p>TUPED415</p> <p>Roles of employment status and emotion regulation in death anxiety among people living with HIV/AIDS</p> <p><i>J. Chukwuorji, C. Chukwu, C. Uzuogbu, C. Ifeagwazi Nigeria</i></p>
TUPED407	<p>Prevalence and factors associate with common mental health problems among people living with HIV/AIDS in Dar es Salaam, Tanzania</p> <p><i>S. Likindikoki, V. Fonner, E. Steven, F. Chiwanga, J. Mbwambo, M. Sweat Tanzania, United Republic of</i></p>	<p>TUPED417</p> <p>HIV-related stigma and proactive coping processes among HIV-positive clinic patients in Philadelphia, Pennsylvania</p> <p><i>S. Meanley, B. Yehia, J. Hines, R. Thomas, D. Calder, B. Carter, B. Dube, J.A. Bauermeister United States</i></p>
TUPED408	<p>Cross-sectional study of Quality of Life (WHO HIV-QL31) of HIV patients in the Philippines</p> <p><i>C. O'Connor, K. Leyritana, H. Elsayed, S. Cox, J. Lewis, E.M. Salvana Philippines</i></p>	<p>TUPED418</p> <p>Longitudinal efficacy trial of a disclosure intervention (TRACK) for HIV+ mothers</p> <p><i>M. Schulte, L. Armistead, D. Murphy, W. Marelich United States</i></p>
TUPED409	<p>Is the PHQ-8 an efficient screening tool for depression among HIV positive pregnant women attending antenatal and postnatal care?</p> <p><i>L. de Vos, D. Olivier, M. Mudau, C. Bezuidenhout, J. Klausner, K. Lovero, M. Wainberg, A. Medina-Marino South Africa</i></p>	<p>TUPED419</p> <p>Can HIV counselors be supported to attain better outcomes for their child clients and their caregivers? The case of Stepping Stones with Children</p> <p><i>E. Mkolokoti, A. Welbourn, S. Holder Tanzania, United Republic of</i></p>
TUPED410	<p>Associations between HIV-related stigma and socioemotional competencies: Evidence for psychosocial and psychotherapeutic interventions</p> <p><i>P.D. Radusky, I. Arístegui, V. Zalazar, O. Sued, I.M. Mikulic Argentina</i></p>	<p>PED416-D454</p> <p>Living with HIV and co-infections and/or co-morbidities</p>
TUPED411	<p>A place to belong: Findings from a mixed-methods examination of housing as a health intervention for LGBT young adults age 18-24</p> <p><i>S. Ali, M. Stanton, P. Andrews, V. Shubert, T. Ghose United States</i></p>	<p>TUPED416</p> <p>Use of GeneXpert helps in more TB case identification and initiating treatment for HIV-TB coinfection among people who inject drugs (PWID)</p> <p><i>M.M. Islam, D.M.B. Hossain, D.L. Rahman, S. Sultana, D.K. Achebe, D.M. Imran Bangladesh</i></p>
		<p>TUPED447</p> <p>"Blood pressure can kill you tomorrow but HIV gives you time": Illness perceptions among HIV-infected individuals with hypertension</p> <p><i>M. Hing, R.M. Hoffman, J. Seleman, F. Chibwana, K. Phiri, D. Kahn, K. Dovel, C. Moucheraud, EQUIP Innovation for Health United States</i></p>
		<p>TUPED448</p> <p>Improving care for people in Ukraine who have tuberculosis and HIV: Findings from a qualitative analysis of integrated services</p> <p><i>Z. Charyeva, S. Curtis, S. Mullen, R. Teal, O. Zaliznyak, T. Senik, S. Fagan United States</i></p>
		<p>TUPED449</p> <p>Countering double trouble - PLHIV community led intensified case finding of TB cases amongst PLHIV in India</p> <p><i>M. Balani, R. Chauhan, V. Arumugam, H. Rosenara, U. Chawla, S. Mehta, R.S. Gupta, M. Barmotiya India</i></p>

TUPED450	<p>"You change who you hang out with": Understanding hepatitis C risk behaviours and attitudes among HIV-diagnosed gay and bisexual men</p> <p><i>S. Schroeder, M. Stoové, P. Higgs, A. Pedrana, M. Hellard, J. Doyle</i> Australia</p>	TUPED424	<p>Adherence misfits: Divergent perspectives on ART-defaulting among healthcare providers and HIV-positive adolescents</p> <p><i>R. Hodes, L. Hatane, L. Gittings, A. Ronan, S. Malunga, L. Cluver, D. Mark, E. Toska, K. Bloch, R. Haghighat</i> South Africa</p>
TUPED451	<p>Qualitative study on the experiences and perspectives of public sector patients in managing workload of demands of HIV and type 2 diabetes co-morbidity in Cape Town and Polokwane, South Africa</p> <p><i>H. Onya, Health Promotion Group</i> South Africa</p>	TUPED425	<p>Does involving people in treatment decisions reduce barriers to adherence to antiretroviral therapy? Results from the Positive Perspectives study 2016 - 2017</p> <p><i>J. Guitart, V. Cooper, R. Horne, H. Lycett, T. Kenny, E. Raebel, J. Koteff, S. Barthel, Y. Punekar, A. de Ruiter, A. Murungi</i> United Kingdom</p>
TUPED452	<p>Outcomes of HCV treatment with DAAs in key groups HIV/HCV co-infected patients in Ukraine</p> <p><i>S. Filippovych, O. Burgay, S. Antoniuk, S. Antonyak, Z. Tsenilova, N. Ivanova, D. Marunko</i> Ukraine</p>	<p>PED426-D435</p>	<p>Growing up with HIV: specific needs and interventions for children and adolescents</p>
TUPED453	<p>Understanding the burden of mental health among persons living with HIV in Northern Indiana, United States</p> <p><i>H. Beidinger, A. Scott, D. Aragon, R. Ghiassedin, L. Hopper</i> United States</p>	TUPED426	<p>Community-health facility care system linkages increase beaming faces of children living with HIV: Findings of 'Towards an AIDS Free generation in Uganda' studies on paediatric HIV care</p> <p><i>D. Bitira William, D. Hart, M. Musinguzi, J. Rujumba, Children Living with HIV, People Living with HIV</i> Uganda</p>
TUPED454	<p>First experience of viral hepatitis C screening, diagnostic and treatment in HIV-infected patients of the penitentiary sector</p> <p><i>O. Burgay, E. Khaniukov, S. Filippovych, N. Nedashkovska, T. Gaborets, Z. Tsenilova, S. Antoniuk, N. Ivanova, D. Marunko</i> Ukraine</p>	TUPED427	<p>"These families did their research" a qualitative study of healthcare provider perspectives of US families who internationally adopt children with HIV</p> <p><i>C. Fair, S. Alger</i> United States</p>
<p>PED420-D425</p>	<p>Experiences and impacts of antiretroviral therapy</p>	TUPED428	<p>Social-support needs of adolescents living with HIV in transition from pediatric to adult care: Findings from a cross-sectional study in Cambodia</p> <p><i>S. Yi, G. Toth, S. Tuot, V. Khol, P. Chhoun, G. Mburu</i> Cambodia</p>
TUPED420	<p>Partners of people living with HIV (PLHIV): Findings from the positive perspectives survey</p> <p><i>D. Garcia, B. Spire, S. Marcotullio, M. Muchenje, A. Namiba, K. Parkinson, B. Young, B. Allan, Y. Punekar, A. deRuiter, F. Barthel, J. Koteff, A. Ustianowski, A. Murungi, V. Carr</i> Spain</p>	TUPED429	<p>Internationally adopted children with HIV in the U.S.: Exploring parent and provider views on anticipated sexual and reproductive health challenges in adolescence</p> <p><i>S. Alger, C. Fair, E. Gibson</i> United States</p>
TUPED421	<p>A psychosocial approach to understanding pathways from depression to HIV care cascade outcomes among women living with HIV in Canada</p> <p><i>C.H. Logie, C. Williams, Y. Wang, N. Marcus, M. Kazemi, L. Cioppa, A. Kaida, T. Conway, K. Webster, K. Beaver, A. de Pokomandy, M. Loutfy, Y. Persad</i> Canada</p>	TUPED430	<p>Closing the gap: Increasing the availability of child- and youth-focused antiretroviral therapy (ART) at non-state health facilities in Nairobi, Kenya</p> <p><i>J. White, M. Bunyi, L. Kagasi, D. Kinuthia, E. Oywer, N. Gitonga, P. Mutua, D. Nyaboke, C. Karanja, S. Eagan, J. Pearson, D. Sullivan, J. Tayag, L. Weir</i> United States</p>
TUPED422	<p>Barriers to linkage and retention in HIV care among adolescent girls and young women (AGYW) in communities around Lake Victoria in Western Kenya</p> <p><i>Z. Kweni, K.R. Amico, K. Ngure, J. Mantell, R. Remien, N. Nguyen, B. Young, T.B. Masvaure, J. Zuniga, P. Ochwal, E. Stacey, D. Ochola, E. Bennett, T. Navalta, Z. Simpson, P. Ryland, P. Valente, J. Wallw, E. Bukusi</i> Kenya</p>	TUPED431	<p>Whether and why caregivers adhere to oral lopinavir/ritonavir pellets: Lessons for scaling up an innovative pediatric HIV treatment in Kenya</p> <p><i>C. Noestlinger, A. Nebot Giralt, O. Ouma, I. Nyamongo, O. Salami, M. Lallemand, J. Lee, B. Marchal</i> Belgium</p>
TUPED423	<p>Coping with antiretroviral therapy related stressors among HIV-positive men who have sex with men in China</p> <p><i>C. Li, H. Jiang, G. Lei, W. Dong, E. Fisher, C. Golin, P.Y. Tang, K. Muessig</i> United States</p>	TUPED432	<p>'In their shoes': Limited disclosure amongst young people living with HIV stifles their ability to contact others in the same situation, a qualitative cohort HPTN071 (PopART) study in Zambia</p> <p><i>M. Mbeve, C. Mackworth-Young, D. Ziba, R. Ndubani, B. Chiti, M. Simuyaba, M. Gondwe, K. Shanaube, G. Hoddinot, V. Bond</i> Zambia</p>

TUPED433	<p>"We decided not to tell him because he would tell everyone else." Care-giver and young people's experiences of disclosure in Kinshasa, Democratic Republic of Congo</p> <p><i>E. Manziasi Sumbi, R. Harrison, E. Kanumay, J.L. Chalachala, M. Garcia, K. Jakovidi, G. Van Cutsem, E. Venables</i> South Africa</p>	TUPED442	<p>Successes and challenges within a safer conception intervention for men living with HIV in South Africa</p> <p><i>M.N. Mathenjwa, L. Greener, H. Khidir, N. Mosery, C. Psaros, K. O'Neil, A. Harrison, D.R. Bangsberg, S.A. Safren, J.A. Smit, L.T. Matthews</i> South Africa</p>
TUPED434	<p>"New horizons" in taking care of perinatally HIV-infected adolescents and young people</p> <p><i>V. Boscolo, C. Novello, O. Rampon, V. Ortolan, C. Giaquinto</i> Italy</p>	TUPED443	<p>Assessment of SRH needs of women living with HIV In Pakistan</p> <p><i>K. Zahra</i> Pakistan</p>
TUPED435	<p>Adolescent transwomen face additional barriers to ART adherence than cisgender peers</p> <p><i>A. Edeza, M. Mimiaga, B. Grinsztejn, N. Fernandes, L. Kamel, K. Biello</i> United States</p>	TUPED444	<p>The effect of fertility intentions on HIV clinical care attendance among HIV-positive women on ART in Johannesburg, South Africa</p> <p><i>K. Rucinski, S. Schwartz, K. Powers, B. Pence, B. Chi, V. Black, H. Rees, A. Pettifor</i> United States</p>
PED436-D438	<p>Ageing with HIV: evolving and additional needs and responses</p>	TUPED445	<p>Unmet need for modern contraception: Challenges reaching female sex workers without a prior pregnancy in Swaziland</p> <p><i>A. Rao, S. Schwartz, Z. Mnisi, D. Kochelani, M. Mavimbela, S. Baral</i> United States</p>
TUPED436	<p>Sexual behaviors among older adults living with HIV in Chiang Mai, Northern Thailand</p> <p><i>K. Srithanaviboonchai, K. Rerkasem, A. Tangmunkongvorakul, W. Sitthi, P. Masika Musumari, P. Kowal</i> Thailand</p>	TUPED446	<p>Fertility desires, contraceptive preferences and practices of women living with HIV in the South West region of Cameroon: A qualitative study</p> <p><i>L.H. Foglabenchi, V.N. Mboame, G. Halle-Ekane, A.M. Tebah, S.A. Ndeso</i> Cameroon</p>
TUPED437	<p>Younger age of HIV diagnosis correlated with early menopause among a cohort of canadian women living with HIV</p> <p><i>G. Gao, P. Duff, M. Braschel, N. Pick, G. Ogilvie, K. Shannon, on behalf of the SHAWNA Study (Sexual Health and HIV/AIDS: Women's Longitudinal Needs Assessment)</i> Canada</p>	PED455-D480	<p>Human rights of people living with HIV and key and vulnerable populations</p>
TUPED438	<p>Women ageing with HIV: "I was not meant to be here, and I'm still here." How women have adapted to living long-term with HIV</p> <p><i>J. Stevenson, J. Smith, E. West, P. Keogh</i> United Kingdom</p>	TUPED455	<p>Accessing universal health care for all by 2030 - Improving legal and policy environments to ensure equitable access to HIV prevention and SRHR services for young key populations (YKPs) in sub-Saharan Africa</p> <p><i>S.F. Ntshangase, M.G. Getahun, A. Saha</i> UNDP</p>
PED439-D440	<p>Prevention interventions and their effects on the lives and relationships of people living with HIV</p>	TUPED456	<p>Advancing human rights in the HIV response in Africa: The case of the report on HIV, law and human rights of the African commission on Human and Peoples' Rights</p> <p><i>B.D. Nibogora, E. Durojaye, A. Bagona, P. Eba, H.-J. Kim</i> South Africa</p>
TUPED439	<p>Determinants of antiretroviral adherence in Myanmar</p> <p><i>S. Aung, J. Larkin, F. Zervou, A. Rana, N. Htun, A. Kyaw, M.S. Tun, K.W. Aung</i> United States</p>	TUPED457	<p>Africa regional grant on HIV: Removing legal barriers - emerging results</p> <p><i>D. Patel, D. Owolabi</i> UNDP</p>
TUPED440	<p>Christain Marriage Counsellors practices relating to pre-marital counselling and HIV counselling and testing for intending couples in Ibadan, Nigeria</p> <p><i>A. Adegbola, F. Oshiname, A. Ogunwale</i> Nigeria</p>	TUPED458	<p>'Bringing science to justice': How advocacy in Sweden is resulting in modernising its HIV-related laws and prosecutions/sentences of people living with HIV</p> <p><i>A. Bergl6f</i> Sweden</p>
PED441-D446	<p>Sexual and reproductive health, fertility, family planning, pregnancy, and abortion</p>	TUPED459	<p>Utilizing African national human rights institutions in promoting and protecting the rights of key populations</p> <p><i>N. Mokoena</i> South Africa</p>
TUPED441	<p>Breaking barriers and building bridges: Women living with HIV leading the way through the 4M+ peri-natal peer mentoring project, to complement clinical care in East Africa</p> <p><i>A. Namiba, E. Bajenja, N. Osborne, A. Welbourn, T. Otieno, B. Ogolla, J. Alessi, R. Nalwanga, N. Niwagaba</i> Uganda</p>	TUPED460	<p>Facilitating access to justice for communities of people living with HIV in Kenya</p> <p><i>T. Makokha, L. Ghati, A. Maleche, E. Makona</i> Kenya</p>

TUPED461	<p>Breaking the legal barrier for sex workers justice. Alternative dispute resolution grass root system for sex workers <i>S. Mwangi, J. Mtende, P. Mwangi</i> Kenya</p>	TUPED473	<p>Study of the key open national data aimed at improving the quality of programs for PLHIV / PWUD, CSW and MSM implemented jointly by NGOs and government authorities <i>S. Uchayev, E. Korotkova, D. Mahmudov</i> & #1072; Uzbekistan</p>
TUPED462	<p>Documenting sex workers' human rights violations in Kyrgyzstan Shah Ayim network <i>D. Bakirova, G. Sarybaeva</i> Kyrgyzstan</p>	TUPED474	<p>Women, ART and the criminalization of HIV non-disclosure (WATCH): Mapping criminalization's creep into the health and social care of women living with HIV in Canada <i>J. Cotnam, S. Greene, A. Ion, L. Birungi, K. Dunn, M. Frank, S. Glum, R. Gormley, M. Muchenje-Marisa, V. Nicholson, J. Odhiambo, K. Shore, A. Symington, A. Kaida</i> Canada</p>
TUPED463	<p>HIV criminalization in California: Policing sex work and women's bodies <i>A. Miyashita Ochoa, B.D.M. Wilson, A. Hasenbush, I.W. Holloway</i> United States</p>	TUPED475	<p>Thorny track to teens' wellbeing: findings from an HIV and SRHR baseline study conducted among adolescents most affected by HIV in Uganda <i>D. Bitira William, G. Caswell, C. Kihara, E. Dyke, M. Cassolato, Adolescents Selling Sex, Living with HIV, Using Drugs</i> Uganda</p>
TUPED464	<p>Reacting to reality, using Rights-Evidence-Action (REAct) to support HIV response and take action on human right violations against KPs <i>R. Lusimbo, D. Wamala, P. Njanje, R. Paulo, C.D. Defferary</i> Uganda</p>	TUPED476	<p>Preserving human rights through involvement of the community, judicial system and law makers <i>A. Karisa, T. Abdulrahman</i> Kenya</p>
TUPED465	<p>Provision of legal aid to key populations and people living with HIV in Eastern Europe and Central Asia - the case of the Regional HIV Legal Network <i>J. Macauley, R. Kumwenda, A. Mukanova</i> UNDP</p>	TUPED477	<p>Assessment of the protection needs of key refugee populations in access to health and other services <i>K. Ordek, Y. Selcuk, C. Harmanci, S. Ilaslaner, G. Yildirimkaya, F. Hacioglu Saridag</i> UNFPA</p>
TUPED466	<p>Human rights barriers to access TB and TB/HIV perceptions by mine workers in 10 Southern Africa Countries (Botswana, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Tanzania, Zimbabwe and Zambia) <i>L. Busang, B. Fidzani, B. Mbambo, M. Ndhlalambi, J. Mafeni, F. Mwangemi</i> Botswana</p>	TUPED479	<p>Showing the problem in Perú: We create an app to complaint the lack of antiretroviral drugs <i>M. Castillo Castro, J.L. Ppati Izaquirre</i> Peru</p>
TUPED467	<p>Long overdue: HIV-related discrimination in immigration and the need to repeal the "excessive demand" regime <i>S.K.H. Chu, M. Tomlinson, M. Johnston, A. Smith, R. Elliott</i> Canada</p>	TUPED480	<p>Delivering legal interventions for key populations in Nigeria through HIV prevention and treatment programs <i>T. Jaiyebo, A. Yusuf, G. Emmanuel, O. Olabosinde, C. Nwofor, B. Ochonoye, C. Trout, P. Umoh, A. Kalaiwo</i> Nigeria</p>
TUPED468	<p>When health systems collapse: Strengthening the advocacy and accountability role of people with HIV in Venezuela <i>A. Nieves, M. Torres</i> Venezuela</p>	PED481	Gender equity
TUPED469	<p>After the repeal: Prosecution of HIV exposure after the removal of specific offences in Colorado, USA and Victoria, Australia <i>J. Manwaring, P. Kidd</i> Australia</p>	TUPED481	<p>Results of the community efforts in mitigating violence and discrimination among TG/Hijra community in Lahore, Pakistan <i>Z. Kadirov, B.P. Dahal, K. Achebe, C. Tara, I. Mohammad, T. Ur Rehman, M. Ali</i> Nepal</p>
TUPED470	<p>Advocacy for preventing violence against PLHIV and PWUDs among law enforcement, civil society, religious leaders and family members <i>W. Muhammadi</i> Afghanistan</p>	PED482-D491	Sexual and reproductive health and rights
TUPED471	<p>"Global advocacy to end Duterte's war on people who use drugs in the Philippines" - the first won battle <i>B. Gurung, A. Chabungbam, R. Kafle</i> Thailand</p>	TUPED482	<p>Improving the access to sexual and reproductive health and rights among women who use drugs in Ukraine. Where are we now? <i>S. Tkalya, A. Basenko, P. Skala, M. Andruschenko, M. Kasianchuk, G. Kornienko</i> Ukraine</p>
TUPED472	<p>Organizing PLHIVs on ART for collective advocacy: Assessing its impact on the human rights, participants and the environment in urban India <i>R. Singh, P. Varma, P. Prabhughate, R. Verma, S. Schensul</i> India</p>	TUPED483	<p>Awareness-raising on sexual and reproductive health and rights among school-going adolescents for services access in Tanganyika province, Democratic Republic of Congo <i>N. Eliya Nduelib</i> Congo, Democratic Republic of the</p>

TUPED484	<p>Health, rights and well-being: A practical tool for HIV and sexual and reproductive health programmes with young key populations in Eastern Europe and Central Asia</p> <p><i>J. Butler, J. Baer, I. Zhukov, N. Zakareishvili, C. Egeshova, L. Luyckfasseel, D. Kalajdjieski, D. McCartney</i> UNFPA</p>	TUPED495	<p>Stigmatization of HIV and barriers to health service use for men who have sex with men with HIV in Manila, Philippines: A qualitative study</p> <p><i>A. Adia, M. Callahan, A. Restar, L. Hernandez, R. Imperial, D. Operario</i> United States</p>
TUPED485	<p>Using legal and policy mapping for advocacy, by women with HIV in Latin America (LAC)</p> <p><i>M. Arends, A. Cano</i> Costa Rica</p>	TUPED496	<p>Reporting, prevention and response of gender based violence against key populations in Côte d'Ivoire</p> <p><i>A. Ambeu, M. Ouedraogo, C. Trout</i> Cote d'Ivoire</p>
TUPED486	<p>The importance of harmonizing laws and policies to fulfill adolescents sexual and reproductive health rights: Good practices, gaps and opportunities in 23 countries in Africa</p> <p><i>R. Tallarico</i> UNFPA</p>	TUPED497	<p>Determinants of HIV and substance use stigma among people with a history of substance use who are living with HIV in Russia</p> <p><i>K. Lunze, S. Lodi, N. Gnatienco, C. Lloyd-Travaglini, S. Bendiks, M. Vetrova, O. Toussova, N. Bushara, E. Blokhina, M. Ekstrand, J. Luoma, E. Krupitsky, D. Lioznov, J. Samet</i> United States</p>
TUPED487	<p>Linking HIV and gender based violence: A critical analysis of the dis-proportionate burden on Kenyan women and girls</p> <p><i>T. Saoyo</i> Kenya</p>	TUPED498	<p>Getting to the root: Addressing the barriers to HIV service access among the LGBT community in Lesotho</p> <p><i>L. Mohasoa</i> Lesotho</p>
TUPED488	<p>The HIV epidemic among young women: Overcoming human rights violations and gender inequality to achieve the SDGs</p> <p><i>T. McGovern, J. Fine, C. Crisp, E. Battistini</i> United States</p>	TUPED499	<p>Stigma is still a problem: Experiences of HIV and gay-related stigmas and coping among young HIV+ GBMSM in Puerto Rico</p> <p><i>S.M. Malavé-Rivera, R. Vargas-Molina, E. Santiago-Rodríguez, C.E. Rodríguez-Díaz, S.D. Rhodes</i> Puerto Rico</p>
TUPED489	<p>Leveraging social media as a tool to promote SRH/HIV information among visually impaired persons in Lagos State, Nigeria</p> <p><i>E. Okotie, A. Familua, O. Akanni, D. Ayinla</i> Nigeria</p>	TUPED500	<p>Impact of social stigma on the mental health outcomes of female sex workers and men who have sex with men in Cameroon</p> <p><i>O.M. Olawore, S. Ketende, S. Zadrozny, I.M. Njindam, G. Fako, A. Rao, C. Lyons, G. Turpin, U. Tamoufe, A. Bowring, G. Fouda, F. Ndoko, D. Levitt, A. Bissek, O. Ndoya, S. Billong, S. Baral</i> United States</p>
TUPED490	<p>Prevention of pediatric HIV/AIDS and AIDS orphans: Celebrating 35 years of hope, fear, innovation and courage among women living with HIV in the early years of the pandemic</p> <p><i>K. Beckerman, R. Denison</i> United States</p>	TUPED501	<p>Make us feel safe: Discrimination and disclosure of sex work status in healthcare settings and implications for HIV harm reduction strategies among US-based sex workers</p> <p><i>J. Brown, B. Robinson</i> United States</p>
TUPED491	<p>Facilitating access to sexual and reproductive justice for orphaned and vulnerable adolescent girls</p> <p><i>N.A. Were, J.A. Oluoch, G. Otieno</i> Kenya</p>		
PED492	Children's rights and HIV	PED502-D521	Stigma and discrimination in specific settings, including family, community, work place, education, and healthcare settings
TUPED492	<p>Findings from violence against children survey in Nigeria: Inferences for HIV programme for abused children and young people</p> <p><i>A.P. Okorukwu, Y. Falola-Anoemuah, M. Egemba, A. Okorukwu, Gender and Human Rights Team Study Group</i> Nigeria</p>	TUPED502	<p>Fear of workplace HIV transmission, an unrecognized and actionable driver of stigma and discrimination in health facilities</p> <p><i>N. Skyers, R. McLean, L. Nyblade, S. McLeish, T. Clough, J. Knight-Johnson, I. Cruickshank, D. Chevannes-Vogel, C. Stewart</i> United States</p>
PED493-D501	Stigma and discrimination regarding people from key populations	TUPED503	<p>"Self-stigma is the worst kind of stigma": Internalised stigma and navigating HIV care amongst health workers living with HIV in Zambia and South Africa, the HPTN071 (PopART) stigma ancillary study</p> <p><i>V. Bond, M. Mwamba, N. Vanqa, D. Ziba, D. Milimo, L. Viljoen, T. Mainga, H. Ayles, M. Steinhaus, J. Hargreaves, G. Hoddinott, T. Nicholson, A. Stangl</i> Zambia</p>
TUPED493	<p>Reaching key populations within the East African Community: Rhetoric unsupported by policy</p> <p><i>A. Gatome, M. Costa</i> United States</p>		
TUPED494	<p>A qualitative study of intersectional stigma and discrimination of transgender women living with HIV: Implications for HIV vulnerability and access to HIV-related care</p> <p><i>A. Lacombe-Duncan, Y. Persad</i> Canada</p>		

TUPED504	<p>The good use of alternative modes of settlement of disputes in the fight against discriminations and stigma towards PLWHIV: Case of Cameroon</p> <p><i>J.N. Tamekue Tagne, F. Fogue, C. Chemgne</i> Cameroon</p>	TUPED515	<p>“What is not measured is not managed” - implementing a routine technology-based patient feedback system to reduce stigma and discrimination in key population HIV services in Malawi</p> <p><i>B. Eveslage, L. McManus, C. Banda, S. Kalyati</i> United States</p>
TUPED505	<p>The HIV stigma landscape in sub-Saharan Africa: Baseline findings of a mixed-method, comprehensive evaluation nested in the HPTN 071 (PopART) trial</p> <p><i>J. Hargreaves, A. Stangl, G. Hoddinott, T. Mainga, S. Floyd, K. Sabapathy, H. Jones, L. Viljoen, T. Pliakas, S. Krishnaratne, C. Mubekapi-Musadaidzwa, V. Bond, HPTN (071) PopART Team</i> United Kingdom</p>	TUPED516	<p>HIV related stigma and discrimination among health care providers and people living with HIV In Thailand</p> <p><i>T. Siraprapasiri, L. Johnston, P. KhemNgern, K. Srihanaviboonchai, J. Chueayen, S. Chariyalertsak, P. Benjarattanaporn</i> Thailand</p>
TUPED506	<p>‘They are not responsible enough to use protection’: The blind spot of stigma and discrimination towards young people in healthcare settings</p> <p><i>D. Mark, K. Bloch, A. Ronan, H. Chorlton, L. Hatane</i> South Africa</p>	TUPED517	<p>Double stigma affecting HIV-positive people who use drugs in Ukraine and care integration</p> <p><i>T. Kiriazova, O. Makarenko, Y. Sereda, N. Rybak, A. Chybisov, F. Gillani, T. Flanigan, J.H. Samet, K. Lunze</i> Ukraine</p>
TUPED507	<p>Creating an enabling environment for equal employment opportunities at the workplace for sexual minorities and People living with HIV</p> <p><i>T. Chopade, K. Roy, A. Kavi</i> India</p>	TUPED518	<p>HIV and substance use stigma among non-specialized medical care providers in Ukraine</p> <p><i>O. Makarenko, T. Kiriazova, K. Lunze</i> Ukraine</p>
TUPED508	<p>Fight for right: Discrimination response system in care and support programme in India</p> <p><i>J. Kumar Nirmali, P. Pareek, D. Swami, N. Pathak, S. Agarwal</i> India</p>	TUPED519	<p>Exploring the mediating effect of HIV-related stigma on the HIV counselling and testing service utilisation in Nigeria - A PLS-SEM approach</p> <p><i>F.O. Adekunjo, R. Rasiah, M. Dahlui, C.W. Ng</i> Malaysia</p>
TUPED509	<p>“Stigma and discrimination-free zones”: An innovative approach to engaging the private and public sectors in creating more inclusive environments for key populations in Central America</p> <p><i>S. Lungo, A. Cabrera, C. Pineda</i> Guatemala</p>	TUPED520	<p>The law alone cannot end HIV-stigma and discrimination: Lessons from the Kenya HIV Tribunal Kenya</p> <p><i>N. Otwoma, P. Anyumba, J. Mwilu</i> Kenya</p>
TUPED510	<p>Experiences of discrimination increase the risk of depression and suicidal ideation among men who have sex with men and transgender in Nepal</p> <p><i>K. Deuba, U. Shrestha, B. Rawal, R.P. Khanal, R.K. Bhattarai, B.D. Pandey, R. Shrestha, A.M. Ekstrom</i> Nepal</p>	TUPED521	<p>Status disclosure is closely associated with social HIV discrimination and self-stigma: Lessons learned from the implementation of the people living with HIV Stigma Index in Taiwan</p> <p><i>Y.C. Chiu, T.-S. Wu, Y.-T. Lee, N.-C. Wang, W.-W. Wong, C.-E. Liu, C.-W. Li, J.-W. Liu, H.-S. Lin, Y.-H. Hsiao, Y.-H. Lin, N.-Y. Chen</i> Taiwan, China</p>
TUPED511	<p>Human Rights Violations in the Framework of Mandatory Health Checks for Sex Workers in Austria</p> <p><i>C. Nagl</i> Austria</p>	PE522-D525	<p>Representations of stigma: social attitudes, media, and public debate</p>
TUPED512	<p>Global trends in HIV criminalisation: Overview, analysis and country ranking</p> <p><i>E.J. Bernard, S. Cameron</i> United Kingdom</p>	TUPED522	<p>Status of HIV/AIDS-related stigma and its relationship with the mental health of HIV-positive persons in Japan</p> <p><i>Y. Inoue, S. Abe, T. Togari, G. Oshima, N. Katakura, A. Yamauchi, Y. Takaku, HIV Futures Japan Project</i> Japan</p>
TUPED513	<p>The power of stigma: Experiences of HIV-positive MSM in healthcare services in Puerto Rico</p> <p><i>E. Santiago-Rodríguez, R. Vargas Molina, C. Rodríguez-Díaz</i> Puerto Rico</p>	TUPED523	<p>Open conversations on reducing stigma and discrimination in Botswana by using cultural values to foster support to end stigma and discrimination</p> <p><i>O. Mosweu</i> Botswana</p>
TUPED514	<p>Measuring stigma and discrimination in health facilities in Ghana for intervention design: Fear of HIV status disclosure and lack of confidentiality are key actionable factors</p> <p><i>N.A. Addo, K. Atuahene, E. Gyamera, C. Stewart, S. Jacinthe, E. Essandoh, P. Mingkwan, L. Nyblade</i> United States</p>	TUPED524	<p>Disclosure of HIV sero-positive status and linkage to care in remote rural and border settings of Mbeya, Tanzania: Qualitative findings of a mixed methods study</p> <p><i>E.S. Sanga, F. Mukumbang, A.K. Mushi, C. Zarowsky</i> Tanzania, United Republic of</p>
		TUPED525	<p>Media perpetuation of HIV fear and stigma: A content and textual analysis of coverage of an HIV criminal prosecution</p> <p><i>C. Campbell, F. Rojo, N. Khanna, S. Dworkin</i> United States</p>

PED526-D529	Laws and policies regarding access to HIV treatment and medical devices, including Intellectual property and trade regimes, competition law, price regulation, etc.	TUPED537	The role of civil society in shaping the political environment for the incorporation of new technologies in Brazil: The cases of dolutegravir and TDF/FTC
TUPED526	Characterizing experiences of conversion therapy among midlife and older MSM from the Multicenter AIDS Cohort Study (MACS) <i>S. Meanley, R. Stall, O. Dakwar, S. Haberen, J. Egan, M. Friedman, S. Shoptaw, L. Teplin, M. Plankey</i> United States		<i>E. de Carvalho Borges da Fonseca, P. Villardi, V. Terto Jr., O. Cerqueira dos Santos</i> Brazil
TUPED527	Gender-based violence against men who have sex with men (MSM) and transgender persons in humanitarian settings and its impact on their access to health care <i>R.J. Figueiredo</i> Thailand	PED538-D545	Legal advocacy tools and strategies
TUPED528	Implication of punitive law on HIV/AIDS programming for men who have sex with men in Nigeria <i>T. Oke, A. Ogunbajo</i> United States	TUPED538	Combating the great challenge/barrier of ignorance of fundamental human rights among sex workers in Nigeria as it makes them susceptible to violence, abuses, harassment, intimidation and STIs/HIV <i>A. Anonyuo, L. Amadi, C. Anidiobi, S. Haruna, C. Anonyuo</i> Nigeria
TUPED529	Experienced homophobia and HIV infection risk among U.S. men who have sex with men <i>W.L. Jeffries IV, S.A. Flores, C.R. Rooks-Peck, R.J. Wolitski, D.J. Gelaude, L.A. Belcher, P.M. Ricks, G.A. Millett</i> United States	TUPED539	Lesson learned from the global fund's removing legal barriers module in Indonesia <i>A. Larasati, F. Aotari, R. Gunawan</i> Indonesia
PED530-D537	Human rights programmes	TUPED540	Outreach legal services - completing the harm reduction response in Kenya <i>T. Wandera Odunga</i> Kenya
TUPED530	Foreign nationals' access to HIV services in the Republic of Tajikistan: Achievements and challenges <i>R. Kurbonova</i> Tajikistan	TUPED541	"I feel so safe" flexible emergency support in Botswana for sex workers in case of violence <i>K. Shabane, U.A. Mashumba, I. Van Beekum, S. Hendriks, N. Jagessar</i> Botswana
TUPED531	Is it business unusual? Access to medicines for PLHIV in East Africa through using TRIPS flexibilities <i>M. Mulumba</i> Uganda	TUPED542	Changing the situation with human rights violations of people who use drugs. What is really needed <i>A. Basenko, A. Tolopilo, P. Skala, M. Andrushchenko, S. Tkalya, E. Kuvshynova, L. Hripkova, O. Dymaretskyi</i> Ukraine
TUPED532	Going to law for PrEP: A case study from England <i>Y. Azad, D. Gold, K. Smithson</i> United Kingdom	TUPED543	The Human Rights Defenders Program: Mobilizing cisgender and transgender female sex workers for advocacy, outreach and service delivery <i>S.B. Shianian, V.X.H. Ho, M. Siew, W.Q.A.b. Wan Daud, L.B. Musa</i> Singapore
TUPED533	Did pattern of court rulings in Sweden regarding HIV as a criminal act changed in Sweden since new recommendation from The Public Health Agency of Sweden? <i>E. Blandin, M. Rehn, P. Gröön</i> Sweden	TUPED545	Collaborative efforts of partners through small grants to key population-led organisations on human rights protection <i>E.A. Iyamu, Y.F. Anoemuah, O. Ndubuisi, N. Turpin, M. Egemba, F. Esor, A. Okorukwo</i> Nigeria
TUPED534	Safeguarding access to generic treatment: Experience of DNP+ in opposing TRIPS-plus measures in the Regional Comprehensive Economic Partnership Agreement negotiations <i>H. Shankar Singh, A. Royal, N. Jina Devi, A. Adhikari, Delhi Network of Positive People (DNP+) Study Group</i> India	PED546-D556	Ethical aspects and standards in research, including clinical trials
TUPED535	Comparing compulsory and voluntary licenses in Brazil: Lessons from efavirenz and atazanavir cases <i>P.H. Marques Villardi Miranda, F. Fonseca, M. Vieira, C. Alves, C. Scopel</i> Brazil	TUPED546	The activities of the patients' community to improve access to treatment of HIV-positive patients: The role of communications in legal advocacy <i>Y. Chechotkina, M. Rovinskyi, K. Rivera, A. Leonova, S. Dmytriiev</i> Ukraine
TUPED536	Does Brazil pay a fair price for TDF? Civil society struggle to guarantee the sustainability of access universal policies <i>C. Alves, P. Villardi, F. Carvalho, C. Scopel</i> Brazil	TUPED547	David against Goliath: How concerted action among stakeholders in Brazil overturned a draft bill that aimed to classify HIV transmission as heinous crime <i>G. Braga-Orillard, D. de Castro</i> UNAIDS
		TUPED548	Dangerous desires: The criminalisation of HIV endangerment in Victoria, Australia <i>P. Kidd</i> Australia

TUPED549	<p>Intimate conviction: The role of churches in the (de)criminalization of sodomy</p> <p><i>M. Tomlinson, S. Ka Hon Chu, R. Elliott, P. Wong, J. Butler-McPhee, J. Terry</i> Canada</p>	TUPED560	<p>Identifying ethical issues in HIV positive adolescents research: Zimbabwe National Ethics Committee experiences</p> <p><i>S. Sithembile, M. Kanengoni, M. Phiri-Shana, P. Ndebele</i> Zimbabwe</p>
TUPED550	<p>Using the HIV and AIDS tribunal in Kenya to protect rights of PLHIV: A compendium of cases</p> <p><i>T. Makokha, L. Ghati, A. Maleche</i> Kenya</p>	TUPED561	<p>'Free testing and PrEP without outing myself to parents:' barriers and facilitators for oral and injectable PrEP clinical trial participation among adolescent men who have sex with men</p> <p><i>C. Fisher, L. Ibrahim Puri, A. Fried, K. Macapagal, B. Mustanski</i> United States</p>
TUPED551	<p>Aristotle was right - the sum is greater than the whole of its parts: How collaboration increased capacity in the fight against HIV criminalisation</p> <p><i>S. Cameron, E.J. Bernard, S. Beaumont</i> Netherlands</p>	TUPED562	<p>Participating in biomedical HIV prevention trials while pregnant: Women 's views about enrolling in Pre-Exposure Prophylaxis (PrEP), vaginal ring, and randomized comparison trials</p> <p><i>K. Sullivan, C. Zimba, S. Gilbert, T. Mtande, E. Jaffe, M. Gross, J. Coleman, I. Hoffman, L. Rahangdale, N. Rosenberg, J. Anderson, R. Faden, A. Lyerly</i> United States</p>
TUPED552	<p>HIV related cognitive impairments and criminal law - barriers accessing justice for people living with HIV and HIV-associated neurocognitive disorder</p> <p><i>A. Stratigos, V. Parwani</i> Australia</p>	TUPED563	<p>Ethical research with indigenous populations: Translating standard ethical guidelines to strengthen indigenous community involvement in research</p> <p><i>C.R. Pearson, M. Parker, C. Fisher</i> United States</p>
TUPED553	<p>Community health advocates championing realization of the right to health in Kenya</p> <p><i>L. Ghati, H. Ochieng, T. Wafula, A. Maleche, T. Saoyo</i> Kenya</p>	TUPED564	<p>Data regarding the ethical issues in HIV+ to HIV+ solid organ transplantation</p> <p><i>J. Sugarman, S. Rasmussen, A. Eno, J. Bollinger, S. Seaman, A. Nguyen, D. Brown, M. Henderson, A. Tobian, D. Segev, A. Wu, C. Durand</i> United States</p>
TUPED554	<p>Working with parliamentarians on rights of PLHIV: Safeguarding access to treatment in the HIV/AIDS Act 2017</p> <p><i>M. Gahlot, J. Prakash, E. Chinrimoi Haokip, Delhi Network of Positive People (DNP+) Study Group</i> India</p>	PED565- D566	<p>Ethical aspects of public health policy and programmes, including allocations of resources</p>
TUPED555	<p>My body, my right! The power of women's advocacy in defeating HIV criminalisation in Malawi's HIV Bill</p> <p><i>A. Raw, C. Banya, C. Chijozi, S. Chisala-Tempelhoff, M. Clayton, M. Luba</i> South Africa</p>	TUPED565	<p>Ethical pitfalls of phylogenetic approaches to HIV prevention</p> <p><i>M.K. Smith, A.M. Dennis, S. Rennie, G.E. Henderson</i> United States</p>
TUPED556	<p>Impact of the ARASA online short courses on criminalisation of HIV transmission, exposure and non-disclosure</p> <p><i>B. Tushabe</i> South Africa</p>	TUPED566	<p>Supporting patient rights and informed consent in the context of HIV testing and treatment scale-up: Experiences of female sex workers living with HIV in Bali, Indonesia</p> <p><i>P. Duff, C. Supriyadinata, E. Rowe, L. Maher, N.G.A. Nanditha, T. Sarahdita, K. Shannon</i> Canada</p>
PED557- D564	<p>Ethical aspects and standards in clinical services</p>		
TUPED557	<p>Ethical considerations in HIV phylogenetic research</p> <p><i>A. Hoppe, C. Coltart, M. Parker, L. Dawson, J.J. Amon, M. Simwinga, G. Geller, G. Henderson, O. Laeyendecker, J.D. Tucker, P. Eba, V. Novitsky, A.-M. Vandamme, J. Seeley, G. Dallabetta, M.K. Grabowksi, P. Godfrey-Faussett, C. Fraser, M.S. Cohen, D. Pillay, On behalf of the Ethics in Phylogenetics Working Group</i> South Africa</p>		
TUPED558	<p>PLHIV data sovereignty in research: Empowerment and inclusion in the Australian context</p> <p><i>D. Toborek, C. Cooper, L. Sutherland</i> Australia</p>		
TUPED559	<p>A study of violations of human rights of PWUD and PLHIV in Kazakhstan resulted from an unethical governmental research</p> <p><i>D. Matyushina-Ocheret, M. Golichenko, E. Bilokon, A. Pak</i> Lithuania</p>		

Track E: Implementation research, economics, systems and synergies with other health and development sectors

PEE567-E577 National financing analyses and initiatives

TUPEE567 **Investing in the HIV Workforce: Government Capacity and Willingness to Increase HRH Spending in Response to Increased Needs for HIV in Uganda**
C. Barker Cantelmo, M. Schnure, C. Shumba, R. Berger
United States

TUPEE568 **Mobilizing domestic financing for HIV through health insurance**
B. Lee, S. Prabhakaran, E. Lang, A. Dutta, S. Bowsky
United States

TUPEE569 **Optimal allocation of resources for HIV services in Ukraine: Findings from a model-based study**
J. Pearson, A. Latypov, R. Dierst-Davies, M. Duda, N. Avaliani, C. Kerr
United States

TUPEE570 **The end of the golden age of HIV/AIDS funding? Trends in HIV/AIDS spending by financing source and spending category in 188 countries, 2000 - 2015**
M. Moses, A. Haakenstad, T. Tao, A. Chapin, J. Dieleman
United States

TUPEE571 **Domestic financing of HIV prevention programs for key populations in Thailand**
R. Rahman, S. Talawat, P. Lertpayup, P. Panitchpakdi
Thailand

TUPEE572 **Funding for HIV/AIDS and TB: Producing evidence for a successful donor transition in Cambodia**
F. Sophie, B. Johns, H. Nguyen
Vietnam

TUPEE573 **Determinants and aggregate estimates of HIV/AIDS domestic public spending in low-and-middle-income countries, 2006-2016**
D. Mattur, J.A. Izazola-Licea, D. Tabasso
UNAIDS

TUPEE575 **Domestic government spending on HIV: Three scenarios assessing decreased donor support**
J. Kates, A. Wexler, A. Haakenstad, M. Moses
United States

TUPEE576 **A tale of two cities: A comparison of district level analysis of HIV budgets in Bandung and Semarang, Indonesia**
Y. Nurhidayat, S. Putri, D. Solares, P. Loh, Seknas FITRA SHIFT
Indonesia

TUPEE577 **Domestic financing for health: Are countries spending more on health?**
A. Ithibu
Kenya

PEE578-E581 Transitional financing

TUPEE578 **Late presenters drive the non-ART cost of HIV-care**
S. Popping, B.E. Nichols, D.A.M.C. van de Vijver, P. Reiss, A. van Sighem, K. Brinkman, S. Geerlings, C.A.B. Boucher, A. Verbon, for the ATHENA HIV Observational Cohort
Netherlands

TUPEE579 **Advocating for new forms of national funding of HIV and TB interventions as a response to mitigate the impact of donor retreat in Georgia**
S. Chikhladze, N. Tsereteli, O. Chokoshvili, M. Chincharauli, M. Khmelidze
Georgia

TUPEE580 **Musrenbang: An involvement the HIV community in the budget cycle process to strengthen the country role for HIV responses in Indonesia**
B. Bariyah, S. Raharjo
Indonesia

TUPEE581 **Transitioning from international donor funded to government funded HIV/AIDS treatment and prevention programme in Nigeria**
I.M. Ezekwe, O.C. Nwyanwu, S. Aliyu
Nigeria

PEE582-E588 International assistance, frameworks, and funding mechanisms

TUPEE582 **Innovation for an AIDS-free generation: Successes and challenges of a funds manager model to engage new partners for HIV prevention among adolescent girls and young women**
E. Harris, C. Barbo, E. Easley, J. Mwangi, J. McCutcheon
United States

TUPEE583 **Aid politics, developmental assistance for health and learned helplessness-narratives of evolving health systems in global south**
M. Satpathy, J. Thomas, D.E. Lucero-Priso III, B. Kanyemba, D. Haile Woldegebral
India

TUPEE584 **Where does the buck stop?: Analysis of HIV prevention research and development (R&D) direct and country focused investments in sub-Saharan Africa**
F. Riaz, K. Fisher, M. Warren
United States

TUPEE585 **Applying the Global fund allocation formula - are the data driving allocations?**
A. Sharp, A. Jones, J. Sherwood, B. Honermann, G. Millett
United States

TUPEE586 **A quarter for prevention? Global fund investments in HIV prevention interventions in generalized African epidemics**
G. Oberth, M.A. Torres, O. Mumba, M. O'Connor
South Africa

TUPEE587 **Review of strengthening integrated delivery of HIV/AIDS project (SIDHAS) accountability framework of HIV/AIDS financing with civil society organizations, government agencies and private institutions in Nigeria**
O. Yemisi Bolanle, O. Agbaje, I. Utuk, C. Momah, N. Aliyu, C. Okhukumhe, C. Esuga, O. Olayemi, H. Khamofu, E. James, S. Raj Pandey
Nigeria

TUPEE588 **Innovative Grant Fund: A lifeline for small community-based organizations**
L. Mizuno, L. Wong
United States

PEE589 Financing HIV within UHC frameworks

TUPEE589 **Financial feasibility of delivering HIV/AIDS services through health insurance schemes**
F. Ilika, G. Alawode, S. Akande, E. Baruwa
Nigeria

PEE590-E607	Approaches to achieving sustainability	TUPEE601	VIVE, much more than just a sustainable condoms socially-marketed brand <i>J. Rivas, S. Lungo, S. Barrios, O. Letouzé</i> Guatemala
TUPEE590	Financing HIV/AIDS services through Health Insurance schemes - the Lagos state experience <i>U.H. Edumoh, O.K. Ogundapo, S. Akande, O. Fisher</i> Nigeria	TUPEE602	Community-led HIV prevention and care and harm reduction in Northern Myanmar <i>S. Nau</i> Myanmar
TUPEE591	Filling in the gaps: Extrapolating VMMC unit costs using aggregated primary data from several studies <i>S. Bautista-Arredondo, C. Pineda-Antunez, D. Cerecero-Garcia, S. Forsythe, M. Tchuenche, J. Kahn, A. Vassall, V. Mennon, L. Alexander, C. Chiwevu, K. Kripke, C. Levin, L. Bollinger</i> Mexico	TUPEE603	Optimizing clients' retention on antiretroviral treatment using an "Out-of-facility health care worker group differentiated model" in Nigeria: Experiences and challenges <i>E. Nwabueze, A. Bukar, J. Ezekiel, M. Makumbi, N. Ndulue, P. Waibale</i> Nigeria
TUPEE592	Integration of sexual reproductive health rights and sustainable development <i>J. Nyanjom, C. Ayoma</i> Kenya	TUPEE604	Learning about the sustainability of pediatric and adolescent HIV programs in sub-Saharan Africa - how can qualitative methods help us get there? <i>A. Falconer, K. Morgan, F. Boldrini</i> United Kingdom
TUPEE593	Twinning partnerships support training programs introducing new health worker cadres in South Africa to sustain the HIV response <i>J. Capati, I. Jurkevich, K. Utan</i> United States	TUPEE605	Bottom up or top down? Balancing the mix in annual HIV/AIDS operational planning and implementation for sustainability in HIV/AIDS service provision in Nigeria <i>S. Gombwer, O. Olayemi, I. Osaigbovo, S. Dada, E. Oladele, M. Opatotun, O. Adama, E. James, S. Raj Pandey</i> Nigeria
TUPEE594	A novel approach to enhance the sustainability of national HIV/AIDS programs: PEPFAR's incorporation of sustainability tools within business processes <i>C. Hart, M. Ruffner, J. Timberlake, M. Wollmers</i> United States	TUPEE606	Barriers to entering the African condom market <i>I. Thior, K. Kadirov, A. Berry, C. Jones, B. Deperthes, F. Roijmans, B. McKenna</i> United States
TUPEE595	Supporting evidence-based planning for HIV counseling and testing and opioid substitution therapy services: Results from a cost study in 7 high-burden PEPFAR-supported regions in Ukraine <i>N. Kovalenko, M. Duda, N. Avaliani</i> Ukraine	TUPEE607	Active budget advocacy as a way to ensure sustainability of service provision to the communities and key populations on the regional level <i>D. Tyhach</i> Ukraine
TUPEE596	Are users willing to pay for condoms in sub-Saharan Africa? Surveys in five countries: Kenya, Nigeria, South Africa, Zambia, and Zimbabwe <i>R. Ganesan, J. Tuchman, L. Hartel, I. Thior, B. Deperthes, K. Kadirov, C. Broxton, C. Thompson, S. Hefter</i> United States	PEE608-E616	Economic evaluation and affordability assessments
TUPEE597	Strengthening African civil society organizations for sustainable community-driven HIV programs: The blood:water model pairing grants and community system strengthening <i>N. Kist, C. Kuloba-Warria, B. Bruerd, A. Sands, S. Doerr</i> Kenya	TUPEE608	Costing of voluntary medical male circumcision in South Africa's private sector <i>M. Tchuenche, E. Njeuhmeli, C. Schütte, L. Ngubeni, I. Choge, E. Martin, D. Loykissoonlal, V. Kiggundu, A. Yansaneh, S. Forsythe</i> United States
TUPEE598	Community driven affordable and sustainable health service model for MSM and TG in Mumbai, India <i>U. Sharma, P. Bora, P. Naik, R. Thorat</i> India	TUPEE609	Out-of-pocket costs for patients receiving HIV care and treatment in Mozambique <i>A. Berruti, A. Krivelyova, F. Mbofana, D. Singer, A. Vergara</i> United States
TUPEE599	Swa-Shakt - leveraging the power of communities: Member led local crowd funding model <i>T. Narendran</i> India	TUPEE610	Cost evaluation of HIV-1 viral load testing: A comparative case study on open polyvalent platform versus integrated platform performed in CEDRES, Abidjan, Côte d'Ivoire (OPPera project) <i>N. Yakhelef, E. Guichet, F. Koné, G. Bado, H. Menan, A. Jousset, C. Rouzioux, B. Coriat</i> France
TUPEE600	Decentralized approach to achieving sustainable HIV financing: Experience from Kenya's transition into devolved government <i>S. Mairura, D.D. Mwai</i> Kenya	TUPEE612	Evaluating HIV service expenditures in Ukraine: Results from a cost analysis study <i>M. Duda, A. Lатыпов, R. Dierst-Davies, J. Pearson, U. Kou Griffiths, I. Pykalo, I. Kuzin, N. Avaliani</i> Ukraine

TUPEE613	<p>Systematic literature review of critical gaps in costs and cost-effectiveness analyses (CEA) of HIV testing services in sub-Saharan Africa</p> <p><i>N. Ahmed, S. Rotolo, J. Ong, M. d'Elbée, L. Mwenge, K. Hatzold, G. Medley, H. Maheswaran, C. Johnson, L. Corbett, F. Terris-Prestholt</i> United Kingdom</p>	TUPEE622	<p>Do people living with HIV in Thailand with different health schemes have equitable access and receive equal quality services on their HIV treatment?</p> <p><i>R. Jommaroeng</i> Thailand</p>
TUPEE614	<p>The effect of universal test and treat on average cost per ART patient-year: Evidence from a health systems implementation trial in Swaziland</p> <p><i>S. Khan, C. Wong, P. Geldsetzer, F. Walsh, C. Lejeune, T. Bärnighausen</i> United States</p>	TUPEE623	<p>The financial feasibility of inclusion of HIV/AIDS in the benefit package of Lagos State Health Scheme</p> <p><i>O.K. Ogundapo, S. Akande, U.H. Edumoh, A. Dagadu, O. Fisher, S. Mbelu</i> Nigeria</p>
TUPEE615	<p>Health care costs and deaths prevented by ACTA trial treatments for cryptococcal meningitis: A comparison between 5 induction strategies in sub Saharan Africa</p> <p><i>T. Chen, L. Mwenge, S. Lakhi, D. Chanda, P. Mwaba, S.F. Molloy, A. Gheorghe, U. Griffiths, R.S. Heyderman, C. Kanyama, C. Kouanfack, S. Mfinanga, A.K. Chan, E. Temfack, S. Lesikari, M. Hosseinipour, O. Lortholary, A. Loyse, S. Jaffar, T.S. Harrison, L.W. Niessen, ACTA Trial Team</i> United Kingdom</p>	TUPEE624	<p>Loss to follow-up and associated factors of patients through the National AIDS Program in Thailand</p> <p><i>S. Teeraananchai, K. Ruxrungtham, M.G. Law, A. Avihingsanon, S. Chaivooth, A. Teeraratkul, S. Bhakeecheep, S. Ongwandee, S. Thanprasertsuk, S.J. Kerr</i> Thailand</p>
TUPEE616	<p>Financial mobilization for antiretroviral therapy program: Multi-level predictors of willingness to pay among patients with HIV/AIDS in Vietnam</p> <p><i>C. Nguyen</i> Vietnam</p>	TUPEE625	<p>A community perspective of Indonesian universal health care (Jaminan Kesehatan Nasional)</p> <p><i>S. Putri, I. Widjaja, A. Sentosa</i> Indonesia</p>
PEE617	<p>Supporting sustainable financing for civil society</p>	TUPEE626	<p>Crossing the country boundary; ART service linkages between two countries-India and Nepal contributed to uninterrupted supply</p> <p><i>P. Pandeya, N. Bohidar, N. Sharma, N. Kaur</i> Nepal</p>
TUPEE617	<p>How to build consortium of different key communities for effective advocacy to insure sustainable funding of HIV response</p> <p><i>I. Gordon, G. Dovbakh, E. German, P. Sabelashvili</i> Lithuania</p>	PEE628-E630	<p>Evidence from integration of health services</p>
PEE618-E620	<p>Financing HIV drug access: the economics of generics and differential pricing structures</p>	TUPEE628	<p>The relationship between efficiency and quality in health facilities providing HIV testing and counseling and prevention of mother-to-child transmission: Evidence from Kenya, Nigeria, Rwanda, South Africa and Zambia</p> <p><i>C. Chivardi, S. Sosa Rubí, D. Contreras Loya, G. De la Hera Fuentes, M. Opuni</i> Mexico</p>
TUPEE618	<p>Estimated cost-based generic prices for treatments of opportunistic infections</p> <p><i>M. Barber, D. Gotham, A. Hill</i> United Kingdom</p>	TUPEE629	<p>Integrating HIV testing services (HTS) into household vulnerability assessments (HHVAs): A window to meeting the first 90 among children and adolescents in Nigeria</p> <p><i>T.A. Idaboh, E. Oladele, S. Cartier, N. Ike, S. Momoh, C. Agbakwuru, S. Raj-Pandey, E. James, D. Magaji, H. Khamofu</i> Nigeria</p>
TUPEE619	<p>Reigniting the fight for access to medicines: Outcomes and recommendations from the 2018 global summit on intellectual property and access to medicines (GSIPA2M2018)</p> <p><i>O. Mellouk, S. Baptiste Simon, W. Mosime</i> Morocco</p>	TUPEE630	<p>Does integration of HIV and sexual and reproductive health (SRH) services improve the patient's experience? Results from a cluster randomized trial in Zimbabwe</p> <p><i>C. Dell'Aira, M. Gorgens, F. Mhuriro, K. Takarinda, I. Taramusi, J. Friedman, C.N. Sisimayi, S. Zizhou</i> Zimbabwe</p>
TUPEE620	<p>The impact of dolutegravir in first-line adult ART on HIV transmission and cost of HIV in South Africa</p> <p><i>G. Meyer-Rath, L. Jamieson, S. Masuku, F. Venter, L. Johnson</i> South Africa</p>	PEE631	<p>Evidence from cross-sectoral programming</p>
PEE621-E626	<p>HIV and universal health coverage</p>	TUPEE631	<p>HIV prevention and SRH education on the football pitch: Results from a mixed-methods evaluation of an HIV prevention programme delivered to adolescent boys by football coaches</p> <p><i>M. Malotana, N. Advani, S. Zwele, T. Gubesa, D. Lee, C. Barkley</i> South Africa</p>
TUPEE621	<p>Out-of-pocket spending by the pregnant women attending antenatal care/ prevention of mother-to-child HIV transmission services in Ethiopia, and its implication for universal health coverage: Applying econometric model</p> <p><i>E.A. Zegeye, J. Mbonigaba, C. Kabiru</i> Ethiopia</p>	PEE632	<p>Approaches to financing across sectors</p>

TUPEE632	<p>Alignment in HIV programming and funding by key donors is critical for achieving epidemic control - an example from Kenya</p> <p><i>D. Koros, T. Daniel</i> Kenya</p>	TUPEE643	<p>Community-wide implementation of positive parenting: A prevention strategy for HIV/AIDS</p> <p><i>C. Winkelman, K. Mashego</i> Netherlands</p>
PEE633-E644	<p>Combination programming on social drivers of HIV (including education; violence; & workplaces)</p>	TUPEE644	<p>Integrating HIV prevention services in residential and support services for women in crisis: What works for women in Ukraine?</p> <p><i>H. Skipalska, T. Castillo, N. Pustilnik</i> Ukraine</p>
TUPEE633	<p>Building synergies between health and health sector: Labour inspectors can play a key role</p> <p><i>S. Mabhele</i> ILO</p>	PEE645-E648	<p>Delivering gender transformative programmes and tackling violence against women and girls: programmatic lessons</p>
TUPEE634	<p>Scaling up HIV services for workers in the agriculture sector through an integrated approach</p> <p><i>D. Muhika, H. Amakobe, S. Mabhele</i> South Africa</p>	TUPEE645	<p>Child marriage, HIV and young people: An appeal for a strong alliance</p> <p><i>A.H. van der Kwaak, N. Tromp, P. Baatsen, M. Deminent</i> Netherlands</p>
TUPEE635	<p>How are economic factors and HIV risk related? A social-ecological exploration of the relationship between economic factors and HIV risk among adolescents in KZN, South Africa</p> <p><i>A. O'Regan, S. Zissette, C. Godwin, G. Guest, L. Lorenzetti</i> United States</p>	TUPEE646	<p>Mbereko+Men: Innovative model for male engagement in PMTCT and family health in rural Zimbabwe</p> <p><i>K. Webb, L. Comrie-Thomson, Z. Kapamurandu, P. Wata, B. Madzima, L. Davis, M.-A. Nicholas, S. Luchters, D. Patel</i> Zimbabwe</p>
TUPEE636	<p>Capacity Building of sex workers community: Sex Worker Academy Africa</p> <p><i>M. Braden Njukia, P. Abdalla</i> Kenya</p>	TUPEE648	<p>Improved services, health seeking behavior, and outcomes for gender-based violence survivors, including post-exposure prophylaxis (PEP) in rural Zambézia province, Mozambique</p> <p><i>C. Audet, S. Van Rompaey, W. Gong, E. Graves, M. Bravo, F. Melo, J.E. Malinha, E. Chele, C. De Schacht</i> United States</p>
TUPEE637	<p>Improving HIV testing for HIV-exposed infants (HEIs) through community participation</p> <p><i>P. Chibanda, M. Sichamba, G. Sikazwe, K. Banda, C. Thompson, HEI</i> United States</p>	PEE649-E657	<p>Social protection: new evidence and programmatic lessons</p>
TUPEE638	<p>Vulnerability reduction minimizes risk of STI in FSW</p> <p><i>P. Khandelwal</i> India</p>	TUPEE649	<p>Human rights documentation and advocacy program in Myanmar: Ending discrimination against PLHIV and key populations through scaling up their capacity to advocate for themselves</p> <p><i>J. Shrestha, K. Su Win</i> Myanmar</p>
TUPEE639	<p>Can we make comprehensive sexuality education more effective? A review of 23 school-based comprehensive sexuality education programmes in sub-Saharan Africa</p> <p><i>X. Hospital, J. Herat, P. Machawira, W. Ngué, C. Castle</i> UNESCO</p>	TUPEE650	<p>Tracking HIV-sensitive social protection strategy implementation: Policy implications</p> <p><i>D. Chipanta</i> UNAIDS</p>
TUPEE640	<p>Effectiveness of integrated approaches to reduce HIV/AIDS among young people - a case of an integrated area based approach (IABA) concept in rural areas of Chikwawa District in Malawi</p> <p><i>C.F. Mbukwa</i> Malawi</p>	TUPEE651	<p>Caregiver participation in savings and internal lending communities improves the vulnerable household wellbeing and increases HIV testing</p> <p><i>U. Ossai, A. Efuntoye, C. Anoje, S. Amadiogwu, C. Ujuju, P. Gado, D. Magaji, C. Miller, J. Hembling</i> Nigeria</p>
TUPEE641	<p>'Money was the motivator': An evaluation of the integration of a matched-savings program into a HIV prevention program for street-connected young people in Eldoret, Kenya</p> <p><i>L. Embleton, D. Ayuku, P. Braitstein</i> Canada</p>	TUPEE652	<p>Economic empowerment for key populations; potential for HIV prevention</p> <p><i>E. Mwangi</i> Kenya</p>
TUPEE642	<p>Feasibility and acceptability of integrating intimate partner violence screening and counselling into community HIV testing and counselling services in Kenya</p> <p><i>L. Digolo, E. Sakwa, G. Zulaika, D. Njeru, J. Thiomi, R. Karuga</i> Kenya</p>	TUPEE653	<p>Social protection schemes for people living with HIV (PLHIV) through single window model: Case study from India</p> <p><i>A. Verma, N. Goel, R. Rana, R. Bhushan, N. Pandey, N. Rawat</i> UNICEF</p>
		TUPEE654	<p>What is different? Lessons learned from the National Strategic Framework (NSF) 2017-2021 development process in Nigeria</p> <p><i>F. Agbo, A. Ogundipe</i> Nigeria</p>

TUPEE655	<p>Impact of drought on HIV response and interventions in arid and semi-arid regions of Kenya</p> <p><i>M. Josephine Muthoni, O. Cyprian, M. Mumma WFP</i></p>	TUPEE665	<p>Time to HIV test uptake and associated factors among partners of newly diagnosed HIV infected persons in Rakai district, Uganda</p> <p><i>S. Kigongo, D. Nabukalu, S. Kasasa, M. Sakor, K. Namatovu, P. Ssebowa, J. Kagaayi Uganda</i></p>
TUPEE656	<p>Facilitating outreach services for PLHIV: Experience from the Global Fund-supported Vihaan programme in Hyderabad, India</p> <p><i>S. Ramasamy Murugesan, V. Arumugam, H. Rosenara, V. R. Nair, R. Chauhan, G. Pandey, S. Chakraborty, B.B. Ubarhande, P.K. Shetty, V. Joseph, M. Balani, S. Mehta India</i></p>	PEE666-E687	<p>Innovative uses of data to strengthen systems and programmes</p>
TUPEE657	<p>The role of oral-HIV self-testing in enrolment of female sex workers into comprehensive HIV programmes in Kenya</p> <p><i>T. Achia, K. Chesang, P. Gichangi, G. Mgomella, J. Kimani, C.T. Ruto, P. Young, S. Ohaga, J. Ambia, P. Matti, K. Agot Kenya</i></p>	TUPEE666	<p>Prioritizing healthcare facilities for on-site mentorship to increase HIV treatment uptake: Results from EQUIP</p> <p><i>B.E. Nichols, C. Hendrickson, N. Sigwebela, C. Moyo, M.P. Fox, S. Rosen, on behalf of EQUIP United States</i></p>
PEE658-E660	<p>Innovations in behavioural data collection and use</p>	TUPEE667	<p>Barriers to reaching the first 90: A simultaneous, multicountry online survey to identify barriers in HIV rapid test kit service delivery and commodity availability in low- and middle-income countries</p> <p><i>A. George, J. Heavner, M.L. Field-Nguer, C. Ndongmo, M. Wattleworth United States</i></p>
TUPEE658	<p>Innovative, technology-driven methodologies to collect qualitative data among youth</p> <p><i>L. Hightow-Weidman, S. Legrand, K. Muessig, K. Soni, K. Knudtson, R. Stephenson United States</i></p>	TUPEE668	<p>Task-shifting and sharing practices during implementation of differentiated care for HIV service delivery: Experiences from Uganda</p> <p><i>S. Kironde, R. Berger, A. Hurst United States</i></p>
TUPEE659	<p>Estimating over-reporting in condom use among Senegalese sex workers</p> <p><i>A. Lepine, C. Treibich, K. Gueye, C.T. Ndoor, P. Vickerman United Kingdom</i></p>	TUPEE669	<p>Evidence synthesis to populate a dynamic HIV transmission model for 6 US cities</p> <p><i>E. Krebs, D. Panagiotoglou, L. Wang, B. Enns, X. Zang, C. Del Rio, J. Dombrowski, D.J. Feaster, M. Golden, R. Granich, B. Marshall, S.H. Mehta, L. Metsch, B.R. Schackman, S.A. Strathdee, B. Nosyk, on behalf of the Localized HIV Modeling Study Group Canada</i></p>
TUPEE660	<p>69% of respondents in Eastern Europe and Central Asia (EECA) know their HIV status: Results of the largest ever online survey in social network Odnoklassniki (OK)</p> <p><i>E. Kiryushina, V. Saldanha, S. Kolomiets, L. Zohrabyan, T. Yepoyan, Y. Plakhutina, A. Ilieva, E. Sergeeva UNAIDS</i></p>	TUPEE670	<p>Risk assessment scale for differentiated preventive care for key populations in Mumbai, India</p> <p><i>S. Acharya, S. Katkar, J. Patil, M.S. Setia, P. Keskar India</i></p>
PEE661-E662	<p>Big data: an untapped opportunity?</p>	TUPEE671	<p>Social media platforms- a tool for increasing access to medicines in low income countries</p> <p><i>C. Nwuba, L. Odoemene, D. Fatoke, D. Lapoutre, L. Matowe, E. Ehijie, R. Atteh Nigeria</i></p>
TUPEE661	<p>Rapid population size estimation of online men who have sex with men using Facebook marketing data in India</p> <p><i>B. Eveslage, T. Sidel, P. Shah, J. Baishya United States</i></p>	TUPEE672	<p>How to ascertain an accurate number of people living with diagnosed HIV and fill data gaps from the past - lessons learned from a high prevalence setting in Europe</p> <p><i>L. Lemsalu, B. Rice, A. Uusküla, M. Raag, I. Lutsar, K. Rüütel Estonia</i></p>
TUPEE662	<p>Technology based solution improves HIV testing reported by private facilities in the States of Tamil Nadu and Kerala, India</p> <p><i>M.S. Rao, D.A. Hedge, S. K S, J. Niranjana, J. Rappai, C. S, S. Ramaswamy, M. Nair, M.K. Suryadevara, S. Kumar, S.S. Raghavan, R. L, D.M. Bhowmik India</i></p>	TUPEE673	<p>A mobile electronic system to monitor mode, content and duration of health navigation services for people living with HIV in Guatemala</p> <p><i>J.P. Alvis Estrada, R. Santa Luce, D.A. Davis, K.M. Guzmán Guevara, M. Meekins, M.I. Loya-Montiel, S. Northbrook, C. Barrington United States</i></p>
PEE663-E665	<p>Innovative approaches to track individuals</p>	TUPEE674	<p>Clinical monitoring system for people living with HIV (SIMC) and continuum care improvement in Brazil</p> <p><i>M. Camelo de Moura Vasconcelos, R. Vianna Brizolara, A.F. Kolling, J.G. Silva Netto, F. Barros Perini, A.R. Pati Pascom, A. Schwartz Benzaken Brazil</i></p>
TUPEE663	<p>Constructing a treatment cascade from routine laboratory data for HIV PCR positive children in two districts in South Africa</p> <p><i>F. Moyo, A. Haeri Mazanderani, U. Feucht, S. Bhardwarj, O. Mhlongo, M. Goosen, D. Greyling, K. Ngoma, G. Sherman South Africa</i></p>		
TUPEE664	<p>Replicating the success: Using an HIV model of Peer Driven Intervention (PDI+) to increase TB new case detection in Cambodia</p> <p><i>S. Tuot, C. Ly, S. Ong, S. Ly, S.C. Choub, S. Yi Cambodia</i></p>		

TUPEE675	<p>Review of home and community-based care (HCBC) for orphans and vulnerable communities programme implementation in KwaZulu-Natal, South Africa: Towards re-engineering the HCBCs programme</p> <p><i>N.G. Khanyile, N.C. Dlamini</i> South Africa</p>	TUPEE687	<p>Identifying optimal definition of rapid molecular cluster growth for public health intervention in Illinois, USA</p> <p><i>N. Benbow, M. Ragonnet-Cronin, J. Wertheim, R. D'Aquila, C. Ward, F. Ma, C. Hayford</i> United States</p>
TUPEE676	<p>Reaching the first 90 through community HIV testing services requires use of digital systems to understand geo-coverage. A case of implementing DHIS2 Mobile tracker during HIV testing</p> <p><i>T.W. Zulu</i> Zimbabwe</p>	PEE688-E708	<p>Approaches to using data to improve programming</p> <p>Using simple electronic systems to enhance data quality and use for HIV/AIDS programming</p> <p><i>D. Damba, A. Maganda, P. Nahirya Ntege</i> Uganda</p>
TUPEE677	<p>Evaluation of "Getting to 90," a data-driven health department - service agency initiative to improve viral suppression rates among HIV-positive housing consumers in New York City</p> <p><i>E. Wiewel, C. Beattie, Y. Zhong, R. Silverio, E. Jimenez-Levi, X.P. Farquhar, P. Brown, J. Thomas, J. Rojas</i> United States</p>	TUPEE688	<p>Creation of a hepatitis C care cascade to identify gaps in diagnosis and treatment - experiences from an urban community health center</p> <p><i>A. Stivala, P. Carneiro, R. Vail, P. Meacher, J. Bosco, A. Radix</i> United States</p>
TUPEE678	<p>Digital innovation to improve access to health services: Online platform with geo-referenced information</p> <p><i>B. Caceres, M. Romero, M. Gutiérrez, L. Malajovich, L. Cahn</i> Argentina</p>	TUPEE689	<p>Improving continuum of HIV care: Experience from Ukraine</p> <p><i>A. Chuykov, Y. Lopatina, G. Tyapkin, A. Zakowicz</i> Netherlands</p>
TUPEE679	<p>Using data to optimize provision of DREAMS social asset building services in safe spaces across two counties in Western Kenya</p> <p><i>W. Olando, S. Goldfrank, I. Jurkevich</i> United States</p>	TUPEE691	<p>Assessing the needs of the beneficiaries, measuring the impact of our programs: Preliminary results of a community study among the beneficiaries of the CBO Alternatives Cameroon in Douala</p> <p><i>J. Ntetmen, J. Mandeng Mbem, F. Mananga</i> Cameroon</p>
TUPEE680	<p>Using low cost performance tracer systems for data collection and performance monitoring of large HIV programs in resource limited settings</p> <p><i>D. Damba, A. Maganda, P. Amuge, P. Nahirya Ntege</i> Uganda</p>	TUPEE692	<p>Diagnose one, link one1 (D1L1): Strategy increases new HIV diagnoses and improves testing yield among key and vulnerable populations in Tanzania</p> <p><i>C. Casalini, G. Mbita, N. Rutabanzibwa, D. Mjungu, M. Ndolichimpa, M. Katabalila, E. Mlanga, G. J.Lija, A. Komba, K. Curran</i> Tanzania, United Republic of</p>
TUPEE681	<p>HIV prevention cascades: Progress towards a single unifying framework that can replicate the success of treatment and care cascades</p> <p><i>R. Schaefer, E. Fearon, S. Gregson, J.R. Hargreaves</i> United Kingdom</p>	TUPEE693	<p>Measuring continued use of oral PrEP: A review of indicator definitions and programmatic implications</p> <p><i>S.Y. Jenkins, A. Hainze, H. Subedar, Y. Pillay</i> South Africa</p>
TUPEE682	<p>Age-specific national HIV care continua in sub-Saharan Africa</p> <p><i>S. Gupta, R. Granich</i> India</p>	TUPEE694	<p>A descriptive analysis of TB screening of ART patients and linkage to critical health services among PEPFAR-supported programs in Kenya, Tanzania, Uganda and Rwanda at semiannual time points, 2017</p> <p><i>C. Nichols</i> United States</p>
TUPEE683	<p>Impact of electronic logistics information system on HIV service delivery in Zambia</p> <p><i>W. Nicodemus, C. Opit, J. Sikazwe, W. Bomett</i> Zambia</p>	TUPEE695	<p>Using client tracking to improve access to counseling and testing services for adolescent girls and young women in Western Kenya</p> <p><i>N. Migowa, S. Goldfrank, I. Jurkevich</i> United States</p>
TUPEE684	<p>Maximizing data use to respond to healthcare landscape changes: Lessons learned from a national survey on the state of community-based organizations</p> <p><i>S. Linov, M. Stanley, B. Hujdich</i> United States</p>	TUPEE696	<p>Is the whole greater than the sum of it's parts? Using narrow age bands in routine adult HIV surveillance for enhanced programme targeting and planning</p> <p><i>M. Deda, K. Webb, P. Nesara</i> Zimbabwe</p>
TUPEE685	<p>Harmonization processes on HIV data for key population clinical cascades in and it's impact on HIV programming in Tanzania</p> <p><i>N.E. Makyo, NACP Prevention and Management Study Group</i> Tanzania, United Republic of</p>	TUPEE697	<p>Trends in one-year retention among clients on antiretroviral therapy in PEPFAR-supported sites from 2015-2017</p> <p><i>K. Clark, A. Radin, I. Zaidi</i> United States</p>
TUPEE686	<p>Implementation of HIV testing status of TB cases and ART coverage: A descriptive analysis of PEPFAR and national data in 15 countries in East and Southern Africa</p> <p><i>E. Noykhovich, C. Nichols, J.S. Cavanaugh</i> United States</p>	TUPEE698	<p>Accelerating data use for Indonesia's Fast-Track response</p> <p><i>S. Sulami, S. Rizal, V. Indrawati, C. Francis, J. Macom, A. Human</i> Indonesia</p>

TUPEE699	<p>Measuring advocacy and capacity building: Experience of major MSM/LGBTI-focused project in EECA</p> <p><i>R. Stuikyte, S. Chikhladze, D. Kamaldinov, K. Kepuladze, M. Kasianczuk, V. Djuma</i> Lithuania</p>	TUPEE710	<p>The impact of an interpersonal communication intervention on knowledge and uptake of the new Woman's Condom among young adults (18-24 years) in urban Zambia: A randomized evaluation</p> <p><i>J. Pinchoff, C. Boyer, N. Tarubereker, N. Mutombo, R.N. Chowdhuri, T.D. Ngo</i> United States</p>
TUPEE700	<p>HIV rapid test procurement forecast at a regional level: Improving operational planning to achieve the HIV screening and detection targets</p> <p><i>L. Khomych, M. Duda</i> Ukraine</p>	TUPEE711	<p>Trust but verify: Is there a role for active surveillance in monitoring adverse events in large-scale voluntary medical male circumcision programs?</p> <p><i>P. Maronqwe, C. Feldacker, P. Gonouya, T. Madoda, S. Balachandra, M. Tshimanga, J. Mandisarisa, V. Chitimbi, X. Sino, B. Makunike-Chikwinya, V. Murenje, S. Barnhart</i> Zimbabwe</p>
TUPEE701	<p>All for the Africans but nothing by the Africans? Analysis of the contribution of African HIV research institutions in the IAS 2017 conference</p> <p><i>J. Gonzalez Perez, A. Zakowicz, K. Ssamula, L. Buzaalirwa, A. Kayongo</i> Netherlands</p>	<p>PEE712-E718 Implementation science: lessons from researcher / programme partnerships</p>	
TUPEE702	<p>Mapping population sizes and hotspot locations for female sex workers improved targeting for HIV prevention interventions in Ethiopia</p> <p><i>W. Girma, E. Workalemahu, T. Negatu</i> Ethiopia</p>	TUPEE712	<p>Methodological issues in data quality of cohort studies in populations of persons living with HIV: Challenges and opportunities in resource constrained settings</p> <p><i>A. Rogers, A. Adedimeji, A. Dzudie, W. Pefura, N. Akindeh, S. Duda, P. Angela, N. Denis, K. Anastose</i> Cameroon</p>
TUPEE703	<p>Reaching universal coverage, through low cost integration with health system model: Madhya Pradesh, India</p> <p><i>P.K. Malaiva, P. Gupta, A. Hegde</i> India</p>	TUPEE713	<p>Research protocol considerations when working with male couples: Lessons learned from the field</p> <p><i>A. Solomons, Together Tomorrow Study Team</i> Namibia</p>
TUPEE704	<p>Focused HIV programming: A visual analysis of routine HIV data from 51 sub-districts in KwaZulu-Natal province, South Africa</p> <p><i>I. Maina, T. Ngwenya, E. Mungai, F. Ndlovu</i> UNAIDS</p>	TUPEE714	<p>Challenges in recruiting prisoners with opioid use disorder into HIV prevention using methadone: Lessons learned from program implementation in Kyrgyzstan</p> <p><i>A. Kurmanalieva, N. Shumskaia, J. Rozanova, L. Azbel, K. LaMonaca, R. Marcus, J. Miceli, C. Bachiredy, F. Altice</i> Kyrgyzstan</p>
TUPEE705	<p>Effective use of LabEQIP tool for VL laboratory network optimization in Rwanda: Data-driven decision making to building laboratory capacity to meet the 3rd 90</p> <p><i>A. Bingi Tusiime, F. Gasaza, E.I. Mwikarago, E. Ntagwabira, E. Karangwa, I. Buki, H. Steppe, S. Were, M.C. Wattleworth, C.B. Ndongmo, M.L. Field-Nguer</i> United States</p>	TUPEE715	<p>HIV case finding and linkage to care in eleme local government area, Rivers State: a comparative analysis of facility HIV services optimization and community based HIV intervention</p> <p><i>A.P. Emenike, O.D. Ekele, T. Badru, C. Agbakwuru, E. Oladele, O. Adedokun, G. Owhonda, H. Khamofu</i> Nigeria</p>
TUPEE706	<p>Using surveillance and other data systems to improve linkage to HIV care for racial and ethnic minorities in the United States: Lessons from the CAPUS demonstration project (2012-2016)</p> <p><i>M.S. Mulatu, P. Sweeney, T. Hoyte, K. Williams</i> United States</p>	TUPEE716	<p>Implementing proactive HIV testing in General Practice in Amsterdam within a fast-track city initiative (H-TEAM)</p> <p><i>K. Groen, M.L. Groot Bruinderink, M.M. Kroone, G.J. de Bree, J.E.A.M. van Bergen, on behalf of the HIV Transmission Elimination Amsterdam (H-TEAM) Initiative</i> Netherlands</p>
TUPEE707	<p>Strengthening data management and utilization to improve the quality of HIV/AIDS services provided by the Zambia Defence Force health facilities</p> <p><i>S. Jere, D. Kaoma, L. Nonde, I. Jurkevich, F. Malasha, E. Lifuka</i> Zambia</p>	TUPEE717	<p>Strengthening HIV and tuberculosis surveillance through intensified case finding in a prison in North-East India, 2017</p> <p><i>T. Bhatnagar, M. Ralte, L. Ralte, Chawnglungmuana, L. Sundaramoorthy, L. Chhakchhuak</i> India</p>
TUPEE708	<p>Should health-facility service data alone be used to locate the HIV epidemic? Experience from a Health Facility Catchment Area Mapping study in Nigeria</p> <p><i>O.J. Ibitoye, M. Langley, D. Oliver, T. Murove</i> United States</p>	TUPEE718	<p>The people living with HIV Stigma Index 2.0: Community-driven strategic information for change</p> <p><i>B. Friedland, C. Mallouris, J. Hows, F. Anam, L. Sprague, L. Nyblade, S. Baral, A. Gottert, J. Pulerwitz, S. Geibel</i> United States</p>
PEE709-E711	<p>Evaluating large scale programmes: approaches to rigorous evaluation</p>	<p>PEE719-E732 Effective approaches to linking population and programme data, to inform HIV programming</p>	
TUPEE709	<p>Implementation of "Getting 2 Zero" in Miami: A progress report</p> <p><i>T. Brown, Z. Blair, M. Brown, T.Y. Cooke, W. Darrow, E. Dormevil, D.M. Felder, J. Garcia, M. Guzman</i> United States</p>		

TUPEE719	<p>Measuring behavioural and health seeking outcomes among people who inject drugs using the Polling Booth Survey (PBS) in Kenya</p> <p><i>J. Musimbi, S.J. Malaba, J. Kioko, S. Kaosa, P. Bhattacharjee, H. Musyoki</i> Kenya</p>	TUPEE730	<p>Strengthening strategic information to enhance geographic prioritization of harm reduction services in Kenya</p> <p><i>S. Ayon, O. Mlewa, J. Ndimbii, G. Mburu, B. Wang, A. Ragi, F. Muturi, S. Ikonya</i> Kenya</p>
TUPEE720	<p>HIV treatment cascades: A community health framework for addressing HIV quality improvement</p> <p><i>P. Carneiro, M. Domingo, P. Hawley, S. Mosher, A. Fortenberry, P. Meacher, A. Radix</i> United States</p>	TUPEE731	<p>The importance of establishing baseline data for viral load testing scale up - laboratory assessments Zambia experience</p> <p><i>B. Gorogodo, F. Marange, L. Stewart-Isherwood, T. Taleng, K. Chigudu, C. Moyo, S. Chisala, W. Stevens</i> South Africa</p>
TUPEE721	<p>Virtually found: A differential approach of community mobilization for MSM and TGs on social media platform for HIV screening</p> <p><i>S. Kandaswamy, U. Chawla, R. Sarkar, V. Arumugam, S. Mehta</i> India</p>	TUPEE732	<p>Utilizing innovative modern data collection methods to identify most-at-risk HIV positive children and adolescents in 11 districts of Zimbabwe</p> <p><i>T. Zvirawa, N. Willis, M. Mawodzeke, T. Chimbidzikai</i> Zimbabwe</p>
TUPEE722	<p>Developing a standardized tool for data use and decision-making to estimate the human resources for health (HRH) requirements for implementing differentiated care for HIV in high burden settings</p> <p><i>S. Kironde, R. Berger, A. Hurst, E. Kleinau</i> United States</p>	PEE733-E735 Data and accountability and transparency	
TUPEE723	<p>Fast Track VCT@Work for workers in informal sector to achieve 90:90:90 in India</p> <p><i>R. Bhushan, A. Verma, N. Goel, R. Rana, N. Rawat, N. Pandey</i> India</p>	TUPEE733	<p>Using community-led participatory action research for accountability on the Global Fund's Country Coordinating Mechanisms: CCM Scorecard and CCM Community & Civil Society Shadow Reports in Africa</p> <p><i>P.D. Tucker, O. Mumba</i> Belgium</p>
TUPEE724	<p>Reaching the uncircumcised through community HIV testing services (HTS): Are mobile men creating regional circumcision prevalence discrepancies?</p> <p><i>A. Christensen, C. Casalini, D. Boyee, A. Mwanamsangu, E. Nesso, R. Bandio, I. Sanga, S. Mmbando, G. J.I.Lija, E. Mlanga, J. Zoungrana, A. Komba, J. Reed, K. Curran</i> Tanzania, United Republic of</p>	TUPEE734	<p>Systematic data quality improvement by innovative and simple technique at large scale - an experience from world's second largest ART program</p> <p><i>M. Bamrotiya, R. Gupta, M. Shah</i> India</p>
TUPEE725	<p>Combined estimation of disease progression and antiretroviral therapy retention among treated individuals with HIV in the United States</p> <p><i>L. Wang, J. Eun Min, A. Nijhawan, C. Somboonwit, J. Aberg, R.D. Moore, K. Gebo, B. Nosyk</i> Canada</p>	TUPEE735	<p>The CAVD DataSpace data sharing and discovery tool facilitates exploration of HIV immunological data from pre-clinical and clinical HIV vaccine studies</p> <p><i>B.T. Mayer, D. Holman, W.J. Fulp, J.Y. Kim, E. Henrich, R. Gottardo</i> United States</p>
TUPEE726	<p>Geospatial linkage of community and secondary data to focus HIV programmes for impact: The tale of two provinces</p> <p><i>C.P. Rousseau, N. Slingsers</i> South Africa</p>	PEE736-E737 Monitoring and reporting in the SDG era	
TUPEE727	<p>Facility level cascades: Uniting public health and clinical data through a government-led initiative to improve programming</p> <p><i>B.D. Agins, D.J. Ikeda, L. Hollander, S. Weigl, S. Sawicki, D. Belanger, C. Wells, N.B. Magnani, C. Steinbock, N. West, L. O'Shea, J. Morne</i> United States</p>	TUPEE736	<p>Roll out and scale up of WHO-endorsed TB diagnostic technologies to diagnose TB and MDR-TB in African: From Stop TB to End TB Strategy era</p> <p><i>J.D.D. Iragena, F. Jallow, M. Gasana, H. Lago</i> WHO</p>
TUPEE728	<p>Nutrition and food security status of PLHIV and gap analysis in comprehensive care clinics in Kenya</p> <p><i>M. Josephine Muthoni, C. Ouma, M. Mumma</i> WFP</p>	TUPEE737	<p>Completeness rates of HIV indicator data reporting through District Health Information Software (DHIS2): Experience from military sites in Uganda</p> <p><i>B. Lutimba Mutebi, J.B. Ddamulira, D. Bwayo, C. Wamundu, J. Akao, F. Young, M. Chen, R. Flueckiger</i> Uganda</p>
TUPEE729	<p>Next generation HIV programming for sub to middle income countries for MSM</p> <p><i>U. Chawla, R. Sarkar, V. Arumugam, S. Kandaswamy, S. Mehta</i> India</p>		