

Posters

Title	Presenter
A Clade C Trimeric HIV-1 Env Obtained from an Elite Neutralizer with Closed Pre-Fusion Conformation Elicits Potent Autologous Neutralizing Antibodies in Rabbits and is Qualitatively Similar to the Type Elicited in Natural Infection	Rajesh Kumar
A Model for Mentoring Skills Training in Scientific Writing for HIV Researchers from Low- and Middle-Income Countries	Debbie Brickley
A Phase 1 Trial of AAV1 Vected Immunoprophylaxis for HIV	Huub C. Gelderblom
A Rapid Protocol for Enriching Peptide-Specific CD8 T-Cell Lines to Determine Their Contribution to Viral Inhibition	Julia Makinde
Acceptance to Vaccinations and Adherence to a Vaccination Schedule in a Simulated HIV Vaccine Efficacy Trial (SiVET) Among Adults in Fishing Communities of L. Victoria, Uganda	Ali Ssetaala
An Algorithm to Reduce Cost of Chlamydia, Gonorrhea, and Trichomonas Diagnosis in Lusaka and Ndola, Zambia: Pooled Testing Using GeneXpert	Constance Himukumbwa
Antibodies Against the Transmitted/Founder HIV-1 Envelope GP120 that Arise in Early Infection are Dominated by the Immunoglobulin Heavy Chain Germline VH1-69	Stacey Smith
Assessing Strategies and Capacity for Gender Integration in HIV Biomedical Research	Ethel Makila
Association of Circulatory Tfh-like Cells with Neutralizing Antibody Responses Among Chronic HIV-1 Subtype C Infected Long-Term Non-Progressors and Progressors	Chinnambedu R. Swathirajan
Baseline Prevalence of Circumcision and Associated Factors Among Male Volunteers in an HIV High-Risk Cohort from the Shores of Lake Victoria in South Western (SW) Uganda	Elizabeth Mbabazi
Catalyzing India-Africa Regional Collaboration on Engaging Key Populations in HIV Biomedical Research	Nikhil Singla, Joyeeta Mukherjee
Classification of HIV Controllers in a Longitudinal Acute Infection Cohort to Enable a Systems Investigation of Signatures Associated In Vivo Control of Infection	Julia Makinde
Client-Initiated Voluntary Counseling and Testing at an HIV Vaccine Preparedness Rural Research Clinic in South Western Uganda	Doreen Joan Asio
Cold Chain Management for Vaccines in Remote Fishing Communities Around Lake Victoria, Uganda in Preparation for HIV Vaccine Efficacy Trials	U.H. Nkuutu
Community Engagement in HIV Biomedical Prevention Research: Use of Mobile Technologies and the Asset Based Community Development Approach	Ethel Makila
Comparison of Baseline Characteristics of Female Sex Workers and Single Mothers in Zambia	William Kilembe
Comparison of Genetic Sequences from Donor and Recipient Viruses from Linked Subtype A Transmission Pairs	Samantha McInally

Correlates of Attrition Among MSM Followed in a HIV-1 Vaccine Feasibility Cohort Study in Kenya	Elizabeth Wahome
Correlating Intracellular HIV RNA Levels, Viral Replicative Capacity and Immune Control Within an Assay to Measure CD8 T-Cell Mediated HIV-1 Inhibition In Vitro	Catherine Kibirige
Cost-Effectiveness of Integrated HIV Prevention and Family Planning Services for Zambian Couples	Allie Hoagland
Designing an Indian Clade C 4-2.J41 Based Soluble Trimeric Env with Targeted Glycan Holes to Improve Immune-Focusing	Shubbir Ahmed
Differential Regulation of HIV-1 Envelope Protein Intracellular Trafficking by Cytoplasmic Tail	Sweetey Samal
Elicitation of Moderate Neutralization Response Associated with Polyclonal Antibodies Among HIV-1 Subtype C Infected Individuals from Southern India	Paneerselvam Nandagopal
Engineering Enhanced HIV Broadly Neutralizing Antibodies (ebNAbs) with Improved Potency	Devin Sok
Factors Associated with Being a First-Time HIV Tester Among Adults Visiting Voluntary Counselling and Testing Centers in Kilifi County, Kenya, 2006-2017	Peter Mugo
Fast and Focused Maturation of VH1-2-restricted HIV-env CD4-binding Site Targeting bNAbs	Elise Landais
Female Sex Workers in Kigali, Rwanda: A Key Population at Risk of HIV, Sexually Transmitted Infections and Unplanned Pregnancy	Rosine Ingabire
Hepatitis B and C Prevalence Among Female Sex Workers in Kigali, Rwanda	Julien Nyombayire
High Study Retention and on Time Visit Attendance in a Simulated HIV Vaccine Efficacy Trial in High-risk Single Zambian Women	Amanda Tichacek
High-Risk Single Women as HIV Vaccine Trial Participants: A Suitable Population with High HIV Incidence and Good Retention	Amanda Tichacek
HIV Testing Access Outside a Trial Centre Among Vaccine Recipients Despite Counselling on Possible Vaccine Induced Seropositivity: Experience from a Research Centre in South Western Uganda	Doreen Joan Asio
HIV/STI Prevalence and Contraceptive, Reproductive and Sexual Health of High Risk Women Receiving Services at Two Zambian Research Centers	Constance Himukumbwa
HIV-1 Specific Mucosal IgA Antibodies Detected in Highly Exposed but Persistently IgG Seronegative (HEPS) Individuals from Southern India	Kailapuri G. Murugavel
Identification of HIV-1 Clade C Transmitted Founder Viruses That Replicate Efficiently in Human Rectal and Vaginal Tissue Explant Cultures	Robert Langat
Impact of Good Participatory Practices in Engaging Mobile Fishing Communities in Vaccine Trials in Entebbe, Uganda	Gertrude Nanyonjo
Measles, Mumps and Rubella Vaccination to Reduce the Risk of Measles During HIV Vaccine Trials	Susan Allen
Past or Active Schistosome Infection is Associated with Incident HIV Transmission and Disease Progression Risk in Men and Women, Zambia	Susan Allen
Peptide Epitope Mapping: Differential CD8 T-Cell Responses to Cohort Specific and Global HIV-1 Gap Protein Peptides	Clive M. Michelo

Polymorphisms in Host Factors Fc-Gamma Receptors IIA and IIIA Demonstrate Insignificant Impact on Heterosexual HIV Acquisition and Disease Progression	Sarah Connolly
Pooling Strategies as a Cost-Effective Solution to Acute HIV-1 Infection Detection in High-Risk, Seronegative Individuals in Lusaka and Ndola, Zambia	Etienne Karita
Pooling Strategy to Detect Acute HIV-1 Infection (AHI) Among At-Risk Women	William Kilembe
Preparing Ugandan Fishing Communities for HIV Prevention Efficacy Trials: A Cross-Sectional Survey of Healthcare Use and Barriers to Access	Ali Ssetaala
Prevalence and Factors Associated with Recreational Drug Use, Including Alcohol, Among Volunteers in a High-Risk Fisherfolk Community Living Along the Shores of Lake Victoria in South Western Uganda	Margaret Nambooze
Prevalence and Predictors of Violence Against Female Sex Workers in Rwanda	Kalonde Malama
Recruitment and Retention of a Highly Mobile Cohort of Fisherfolk At-Risk of HIV Acquisition in Preparation for HIV Efficacy Trials: Experience from a Rural Research Center in South West Uganda	Freddie Mukasa Kibengo
Scaffold-Based Epitope Designing: Reorienting Focus Towards HIV Env Surface	Tripti Shrivastava
Sexual and Reproductive Health in Zambian Single Women at High-Risk of HIV: Preparation for HIV Vaccine Efficacy Trials	Ana-Maria Visoiu
Sexual Behavior and HIV Incidence Among High-Risk Women Cohorts in Two Urban Cities in Zambia	Ana-Maria Visoiu
Social impact of Participating in a Simulated Vaccine Efficacy Trial Among Adults in Fishing Communities Along Lake Victoria, Uganda	Emily Keneema
Systematic Review of the Performance and Clinical Utility of Point-of-Care HIV-1 RNA Testing Assays	Clara A. Agutu
Test and Treat Care Cascade in General and Key Populations in Coastal Kenya	Elizabeth Wahome
The Generation and Validation of Autologous CD8 and CD4 T-Cell Lines for Use as Assay Controls in HIV Viral Inhibition Assays	Natalia Fernandez
Transformative Partnerships: Perspectives on Implementing Research Best Practice with Key Populations in Kenya	George Victor Owino
Transmission of Unique Intersubtype HIV-1 Recombinants Predominate in Both Single and Multiple Variant Infections in Uganda	Sheila Balinda
Uptake and Use of Reliable Contraceptives and Correlates of Use Among Women Participating in HIV Efficacy Trials Preparatory Studies in Key Populations in Uganda	Andrew Abaasa
Vaccine Education Session for an Upcoming HIV Vaccine Trial: An Ethical Addition to the Informed Consent Process	Ana-Maria Visoiu
Vaccine Trials in Uganda: Barriers and Facilitators	Violet Mirembe
Voluntary Medical Male Circumcision Uptake Among M-F+ HIV Serodiscordant Couples	Hanzunga Halumamba

Oral Presentations

Session: Structure and Maturation of bNAbs

Presentation: Fast and Focused Maturation of VH1-2-Restricted HIV-Env CD4-Binding Site Targeting bNAbs

Presenter: Elise Landais

Date: Oct. 23, 10:30-12:00

Location: Oxford Room

Session: Understanding Protection Against HIV From the T-cell Perspective

Presentation: Utilizing Computational Machine Learning Tools to Understand Immunogenic Breadth of HIV in the Context of a CD8 T-Cell Mediated HIV Response

Date: Oct. 23, 13:00-14:30

Presenter: Jonathan Hare

Location: Oxford Room

Session: Beyond Placebo: Designing and Implementing Next Generation HIV Prevention Trials

Presentation: Community Engagement in the Design and Implementation of HIV Prevention Trials: Uganda Virus Research Institute-International AIDS Vaccine Initiative

Presenter: Gertrude Nanyonjo

Date: Oct. 23, 15:00-16:30

Location: Oxford Room

Session: Revealing Targets for Prevention and Cure

Presentation: Transmitted/Founder Virus-Like Variants are Archived in the Reservoir

Presenter: Kelsie Brooks

Date: Oct. 23, 16:45-17:30

Location: Londres Room

Session: Novel Vaccine Strategies

Presentation: Vaccine-Elicited Cross-Neutralizing HIV Antibodies (bNAbs) to Two Env Sites of Vulnerability Following Heterologous NFL Trimer Liposome Prime:Boosting

Presenter: Richard Wyatt

Date: Oct. 24, 10:30-12:00 (11:30)

Location: Oxford Room

Session: Mechanisms of Natural Control

Presentation: Heightened Inflammatory Response to Acute HIV-1 Infection in Zambian Women Compared to Men

Presenter: Elina El-Badry

Date: Oct. 24, 16:45-17:30

Location: Londres Room

Session: Factors Influencing Viral Transmission and Spread

Presentation 1: HLA Pre-Adaption in Gag Influences Viral Evolution in the New Host

Presenter: Daniela Monaco

Presentation 2: Infection with Multiple Transmitted/Founder (T/F) Viruses Drives HIV-1 Pathogenesis

Presenter: Gladys Macharia

Date: Oct. 25, 08:30-10:00

Location: Bristol Room

Session: Opinion 360: Meaningful Engagement From Research to Roll Out

Co-chairs: Manju Chatani-Gada, AVAC and Kundai Chinyenze, IAVI

Date: Oct. 25, 08:30-10:00

Location: Oxford Room