

Program

MONDAY 16 NOVEMBER

Times are in Eastern Standard Time (EST)

Opening

- 10:00 AM **Opening Words**
Lynne Mofenson, MD
Elizabeth Glaser Pediatric AIDS Foundation, United States
Elaine Abrams, MD
ICAP at Columbia University, United States
- 10:05 AM **Opening Co-Chairs**
Ted Ruel, MD
UCSF-Benioff Children's Hospital San Francisco, United States
Ann Petru, MD
UCSF-Benioff Children's Hospital Oakland, United States

Session 1 Global Update

Chair: *Thanyawee Puthanakit*

- 10:10 AM **The HIV Epidemic in Infants, Children, Adolescents and Women Today – 2020 UNAIDS Update**
Mary Mahy, ScD, MHSc
UNAIDS, Switzerland
- 10:25 AM **HIV and COVID-19 in Children, Double Trouble**
Martina Penazzato, MD, MSC, PhD
WHO, Switzerland
- 10:40 AM **Advances in Cure Research Across the Lifespan**
Dan Kuritzkes, MD
Harvard Medical School / Brigham and Women's Hospital, United States
- 10:55 AM **Q & A**

11:20 AM Tea Break

Session 2 Oral Abstracts Presentations - Simultaneous

Chairs: *Ellen Chadwick & Jorge Pinto*

1. Pediatric HIV Treatment – Old drugs, New Drugs

2. Diagnosis, Case-Finding, Retention and Viral Suppression in Children Living With HIV



11:35 AM Abstract Session 1: Pediatric HIV Treatment – Old drugs, New Drugs

Chair: Ellen Chadwick

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| Twenty-Four Week Safety, Tolerability and Efficacy of Dolutegravir Dispersible Tablets in Children 4 Weeks to <6 Years Old with HIV: Results from IMPAACT P1093 | #1 Theodore Ruel, United States |
| Pediatric Dolutegravir (DTG) Dosing Recommendations Derived from Combined P1093 and ODYSSEY Population Pharmacokinetic Analysis | #2 Rajendra Singh, United States |
| Safety, Pharmacokinetics, and Efficacy of Low-Dose E/C/F/TAF in Virologically Suppressed Children ≥2 Years Old Living with HIV | #3 Eva Natukunda, United States |
| Safety, Pharmacokinetics And Acceptability Of The Abc/3tc/Lpv/R Granules (4-In-1) In Children Living With HIV (3-20kg) In Uganda: LOLIPOP Study | #4 Juliet Mwangi, Uganda |
| The “Dtgs” of DTG for Children and Adolescents Living with HIV (CALHIV): Descriptions, Trends, and Gaps of Rolling Out Dolutegravir in CALHIV In Mbeya, Tanzania | #5 Jason Bacha, Tanzania |
| Acceptability of a New 4-In-1 Abacavir/Lamivudine/Lopinavir/Ritonavir Paediatric Fixed-Dose Combination: The Caregiver-Child Dyads’ Perspective | #6 Ogara Collin, Uganda |

12:23 PM **Q & A**

11:35 AM Abstract Session 2: Diagnosis, Case-Finding, Retention and Viral Suppression in Children living with HIV

Chair: Jorge Pinto

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| A Validated Outpatient Department HIV Screening Tool for Children 18 Months To 14 Years as Efficient as Index Testing in Uganda | #7 Rhoderick Machezano, United States |
| Point of Care Samba-Ii Vs Centralized Laboratory Viral Load Assays Among HIV-1 Infected Children, Adolescents and Young Adults in Rural Zimbabwe: A Randomized Controlled Trial | #8 Vinie Kouamou, Zimbabwe |
| “Right Under Our Nose”: A Simple Screening Tool to Identify HIV-Positive Children Outside of the PMTCT Program at Outpatient Departments in Malawi | #9 Anna Tallmadge, Malawi |
| Finding the Remaining Unidentified Children Living with HIV: Opportunities Through Index Testing | #10 Megan Gleason, United States |
| Factors Associated with Late Presentation of HIV-Infected Infants for Early Infant HIV Diagnosis (Eid) Services in Kenya | #11 Agnes Langat, Kenya |

12:15 PM **Q & A**

12:35 PM Virtual Break & Poster Discussions



Program

Session 3 Clinical Case Presentations

Chair: Natella Rakhmanina

1:05 PM **Clinical Case Presentation 1**
Vanessa Rouzier, MD
GHESKIO Centers, Haiti / Weill Cornell Center for Global Health, United States

Commenters

Nadia Sam-Agudu, MD, CTROPMED

Institute of Human Virology, Nigeria

Thanyawee Puthanakit, MD

Chulalongkorn University, Thailand

Sharon Nachman, MD

SUNY Stony Brook, United States

1:25 PM **Clinical Case Presentation 2**
Elizabeth Whittaker, PhD, DTM&H, MRCPCH
Imperial College London, United Kingdom

Commenters

Nadia Sam-Agudu, MD, CTROPMED

Institute of Human Virology, Nigeria

Thanyawee Puthanakit, MD

Chulalongkorn University, Thailand

Sharon Nachman, MD

SUNY Stony Brook, United States

1:45 PM Tea Break

Session 4 Undetectable = Untransmittable – Relevance to Breastfeeding

Chair: Nadia Sam-Agudu

2:00 PM **Is U=U Applicable to Breastfeeding?**
Lynne Mofenson, MD
Elizabeth Glaser Pediatric AIDS Foundation, United States

2:20 PM **Panel Discussion**
Lucy Wanjiku Njenga
Positive Young Women Voices, Kenya
Fungai Murau
Independent Consultant, United Kingdom
Brittany Cameron
Canadian Positive People Network, Canada

2:40 PM Tea Break



Parallel Guided Poster Tours

1. Pediatrics HIV Diagnosis and Treatment
2. Adolescents and HIV
3. Prevention of Mother-to-Child HIV Transmission
4. Pediatrics HIV Care and Monitoring

2:50 PM Guided Poster Tour 1: Pediatrics HIV Diagnosis and Treatment

Moderator: Mark Cotton

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| Trends in Pediatric Antiretroviral Treatment in U.S. President's Emergency Plan for AIDS Relief-Supported Countries in Sub-Saharan Africa —2016–2019 | #30 Elizabeth Rabold, United States |
| Model Informed Prediction of Dolutegravir Pharmacokinetics in the Neonates | #31 Hardik Chandasana, United States |
| Absence of Selection for Integrase Inhibitor Resistance via the Q148H Pathway in HIV-1 Subtype F Integrases: Evaluation of Treatment Outcomes, Replicative Capacity, and Drug Resistance | #32 Mijael Rozenszajn, Argentina |
| Expanded Index Testing and Community-Based Testing Modalities in Nigeria Are Effective in Identifying Children Living with HIV | #33 Ariana Traub, United States |
| Evaluating the Performance of the Genexpert HIV-1 Qualitative Assay as a Consecutive Test for a New Early Infant Diagnosis Algorithm | #34 Aurélie Mukendi, South Africa |

2:50 PM Guided Poster Tour 2: Adolescents and HIV

Moderator: Patricia Flynn

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| Change in Sexual Behavior and Partner Communication Following Oral HIV Self-Testing Among Adolescents and Young Adults in Kenya | #35 Matthew Driver, United States |
| High Rates of Primary and Secondary Syphilis Infections in HIV-Positive Adolescent and Young Adult Men Who Have Sex With Men in Atlanta, GA | #36 Leah Loerinc, United States |
| Overlapping Significant Life Events are Associated with HIV Viral Non-Suppression Among Youth in Clinics in Rural East Africa | #37 Florence Mwangwa, Uganda |
| Qualitative Analysis of a Mobile Whatsapp Group Messaging Intervention for Adolescents Living with HIV in Kenya | #38 Ashley Chory, United States |
| High Prevalence of Asymptomatic Sexually Transmitted Infections at Baseline Clinic Visit Following HIV Diagnosis in Atlanta Youth | #39 Amy Scheel, United States |



Program

2:50 PM Guided poster tour 3: Prevention of Mother-to-Child HIV Transmission

Moderator: Lynda Stranix-Chibanda

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| Cascades of Care for Preventing Vertical HIV Transmission in Canada | #40 Shu Nan Jessica Li, Canada |
| Opportunity Analysis for HIV Risk and Acquisition Among Pregnant Adolescent Girls and Young Women in Antenatal Care Services in Ten African Countries | #41 Cosima Lenz, United States |
| Continuous Quality Improvement Improves Retention of Clients in Prevention of Mother-To-Child Transmission of HIV Program (Wakiso District, Uganda) | #42 Grace Margaret Naikazi, Uganda |
| Higher Prevalence of Stunting and Lower Length, Weight, and Head Circumference among HIV-Exposed Uninfected Infants | #43 Jillian Neary, United States |
| Adoption of WHO's HIV Retesting Policy for HIV-Negative Women During the Breastfeeding Period in 10 High HIV-Burden African Countries | #44 Barbara Burmen, South Africa |

2:50 PM Guided poster tour 4: Pediatrics HIV Care and Monitoring

Moderator: George Siberry

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| The Changing Face of Paediatric HIV: A Review of the Evolving Clinical Characteristics of a Paediatric and Adolescent Patients at a Clinic in Johannesburg, South Africa | #45 Josephine Keal, South Africa |
| Cognitive Outcomes at 7 and 9 Years After the Children with HIV Early Antiretroviral (CHER) Trial | #46 Kaylee van Wyhe, South Africa |
| Retention and viral suppression among child -caregiver pairs enrolled in family centered differentiated model of care in Kenya, 2019 | #63 Immaculate Mutisya, Kenya |
| Low Access To Viral Load Monitoring And Poor Virological Outcomes In Children And Adolescents Living With HIV In West Africa | #48 Désiré Lucien Dahourou, Burkina Faso |
| Time to Repeat Viral Load Testing Following an Unsuppressed Viral Load Among Adolescents and Young Adults in Kenya | #49 Cyrus Mugo, Kenya |
| Clinical Outcomes of Infants Identified HIV-Positive at Birth Through Routine Point-of-Care Early Infant HIV Diagnosis; A Pilot Program In Eswatini | #50 Philisiwe Ntombenhle Khumalo, Swaziland |



TUESDAY 17 NOVEMBER

09:00 AM Young investigator “Meet the faculty” - Nadia Sam-Agudu, Ted Ruel, Pat Flynn, Carlo Giaquinto, Ali Judd, Elaine Abrams, and Lynne Mofenson - Sign up Required

Session 5 Pediatrics Session

Chair: Ted Ruel

10:00 AM **The “Why, When and How To” of HIV Disclosure: Perspectives From the North and South**
Ann Petru, MD

UCSF Benioff Children’s Hospital Oakland, United States

Regina Oladokun, MD, MPH

University of Ibadan, Nigeria

10:30 AM **PrEP in Pregnancy and Breastfeeding: the Why, What and How**

Jilian Pintye, RN, MPH, PhD

University Washington Seattle, United States

10:45 AM **Prevention of Mother To Child HIV Transmission - Global Gaps and Potential Solutions**

Benjamin Chi, MD, MSc

University of North Carolina, United States

11:00 AM **Q & A**

11:25 AM Tea Break

Session 6 Oral Abstracts Presentations - Simultaneous

Chairs: Moherdran Archary, Valérie Leroy, and Rachel Vreeman

3. Adolescents and HIV

4. COVID-19 in Children

5. Prevention of HIV Mother-to-Child Transmission

11:40 AM Abstract Session 3: Adolescents and HIV

Chair: Moherdran Archary

Development and Validation of the HIV Adolescent Readiness for Transition Scale (HARTS)

#13 Brian Zaroni, United States

Point-of-Care Viral Load Testing Among Adolescents and Young Adults Living with HIV in Haiti: A Randomized Control Trial

#14 Lindsey Reif, United States

Antiretroviral Drug Transition and Adverse Event Monitoring among Adolescents 15 to 19 Years of Age in Kenya

#15 Maureen Syowai, Kenya

Bringing HIV and SRH Services Closer to Adolescents Girls and Young Women in Eswatini Through a Comprehensive Mobile HIV and SRH Package

#16 Sibongile Wusumani, Swaziland

Archived HIV-1 Drug-Resistance Variants in Cellular Reservoirs and its Determinants among Vertically-Infected Adolescents Failing Antiretroviral Therapy

#17 Joseph Fokam, Cameroon

Deficits Noted at 11 Years in Children with HIV Starting Early Antiretroviral Therapy in Fine Motor Dexterity and Auditory Working Memory

#18 Barbara Laughton, South Africa

12:28 PM **Q & A**



Program

11:40 AM Abstract Session 4: COVID-19 in Children

Chair: Valériane Leroy

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| A Multi-Country Analysis of the Impact of COVID-19 on HIV Services for Children and Adolescents Living with HIV | #19 Ariana Traub, United States |
| Challenges of Remdesivir Pediatric Development for SARS-Cov-2 Infection in a Pandemic | #20 Cheryl Pikora, United States |
| A Multi-Country Analysis of the Impact of COVID-19 on Uptake of Multi-Month Dispensing for Children Living with HIV on Antiretroviral Therapy | #21 Nimasha Fernando, United States |
| A Multi-Country Analysis of the Impact of COVID-19 on HIV Services for Pregnant and Breastfeeding Women and their Infants | #22 Alexandra Vrazo, United States |
| Use of a Walk-In HIV and STI Testing Model for at Risk Youth Ages 13 to 24 - Assessment of the Impact of the COVID-19 Pandemic on Testing Services | #23 Isabella Lopez, United States |

12:20 PM **Q & A**

11:40 AM Abstract Session 5: Prevention of HIV Mother-to-Child Transmission

Chair: Rachel Vreeman

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| Extent of In Utero Transfer of Tenofovir from Mother to Fetus: A Paired Analysis of Hair Specimens Collected at Birth from a Cohort in the United States | #24 Jillian Pintye, United States |
| Children Who are HIV-Exposed and Uninfected Exhibit Immune Suppressive Plasma Biomarker Profiles | #25 Alka Khaitan, United States |
| Time to First Positive HIV-1 DNA PCR in Infants Infected with Subtype B HIV-1 is Delayed in the Presence of Maternal Antiretroviral Use | #26 Raji Balasubramanian, United States |
| Higher Hospitalization Rates in Children Born HIV-Exposed Uninfected in British Columbia, Canada, Between 1990 and 2012 | #27 Shu-Nan Jessica Li, Canada |
| Longitudinal Evolution of Maternal Viral Loads During Pregnancy and Postpartum Among Women Living with HIV in South Africa | # 28 Faith Moyo, South Africa |
| Maternal PrEP Use in HIV-Uninfected Pregnant Women in South Africa: Role of Stigma in PrEP Initiation and Persistence | # 29 Alexander Moran, United States |

12:28 PM **Q & A**

12:40 PM Tea Break & Poster Discussion



Session 7 COVID-19 in Pediatrics

Chair: Elaine Abrams

- 1:10 PM **Susceptibility and Ability to Transmit**
Lynne Mofenson, MD
Elizabeth Glaser Pediatric AIDS Foundation, United States
- 1:25 PM **School/Daycare**
Moherndran Archary, MBChB, PhD
University of KwaZulu Natal, South Africa
- 1:40 PM **MTCT**
Daniele De Luca, MD, PhD
AP-HP Université Paris Saclay, France
- 1:55 PM **Clinical Illness Including MIS-C**
Elizabeth Whittaker, PhD, DTM&H, MRCPCH
Imperial College London, United Kingdom
- 2:10 PM **SARS-Cov-2 Vaccines**
Anthony Fauci, MD
Director of the National Institute of Allergy and Infectious Diseases (NIAID) at the U.S. National Institutes of Health, United States
- 2:25 PM **Q & A**

Closing

- 2:45 PM **Young Investigators Award**
- 2:50 PM **Closing Remarks**
Lynne Mofenson, MD
Elizabeth Glaser Pediatric AIDS Foundation, United States
Theodore Ruel, MD
UCSF-Benioff Children's Hospital San Francisco, United States
Ann Petru, MD
UCSF-Benioff Children's Hospital Oakland, United States
Elaine Abrams, MD
ICAP at Columbia University, United States

