

Program

Friday, July 19th 2019

7:30 Registration & Welcome Coffee

Official Opening

08:00 **Opening words**
Lynne Mofenson, MD
Elizabeth Glaser Pediatric AIDS Foundation, USA

Opening Co-Chairs
Guillermo Vázquez-Rosales, MD
Instituto Mexicano del Seguro Social, Mexico
Noris Pavía Ruz, MD
National Autonomous University, Mexico

Session 1 **Global Update on Pediatric HIV** *Moderator: Elaine Abrams & Noris Pavía-Ruz*

8:30 **2019 Update on the HIV Epidemic in Infants, Children, Adolescents and Women**
Mary Mahy, ScD, MHSc
UNAIDS, Switzerland

8:45 **What's New from WHO on Pediatric Antiretroviral Therapy**
Martina Penazzato, MD, DTMH, MSc, PhD
WHO, Switzerland

9:00 **Population HIV Impact Assessments - What Can We Learn about Pediatric HIV**
Suzue Saito, PhD
ICAP at Columbia University, USA

9:15 Discussion

Session 2 **Pediatric Care and Treatment** *Moderator: Pablo Rojo & Jorge Pinto*

9:45 **Long-acting and Innovative Formulations and Drug Delivery Devices - Possibilities for Children and Adolescents?**
Charles Flexner, MD
Johns Hopkins Hospital, USA

10:15 Break

10:45 **Finding Kids, Treating Kids- Innovations in Case Finding, Treatment and Care**
Saeed Ahmed, MD, MSc
Baylor College of Medicine, Malawi





Oral Abstract Presentations:

11:15	Community Based Index- and Mobile Testing are Complementary and Effective in Pediatric HIV Case Finding in Tanzania a	Jemma Bisimba, Tanzania	#01
11:30	The Cost-Effectiveness of Point-of-Care Platforms for Early Infant Diagnosis of HIV Infection in Southern Province, Zambia	Catherine Sutcliffe, USA	#02
11:45	Virological Outcomes and ART Discontinuation in Children Switching to Dolutegravir in The UK/Ireland: A Propensity Score Analysis	Siobhan Crichton, United Kingdom	#03
12:00	Tenofovir Alafenamide-Based Regimens: A Pooled Resistance Analysis in Pediatric Participants	Stephanie Cox, USA	#04
12:15	Population Pharmacokinetics of Nevirapine in Preterm Infants and Prediction of Doses Needed For Treatment in Combination with other Antiretrovirals	Adrie Bekker, South Africa	#05

12:30 Poster Viewing (Odd numbers)

13:30 Lunch

Session 3 Comorbidities/Infections

Moderator: Moherdran Archary & Sharon Nachman

Oral Abstract Presentations:

14:30	Systemic Inflammation and Structural Brain Changes in Perinatally HIV+ Adolescents	Jacqueline Hoare, South Africa	#06
14:45	Associations Between Cholesterol, Apolipoprotein E Genotype Variants, Cognition and Brain Structure in Perinatally HIV+ Adolescents	Jacqueline Hoare, South Africa	#07
15:00	Malignancies in Children With HIV Across Eastern and Western Europe and Thailand	Ali Judd, USA	#08
15:15	Shorter Telomeres Among HIV+ Cart-Naïve and Cart-Treated Children, and Those Presenting with Abnormal Lung Function	Louis-Marie Yindom, UK	#09
15:30	Atazanavir Exposure in Utero and Risk of Multiple Signals of Neurodevelopmental Dysfunction in 5-Year-Old HIV-Exposed Uninfected Children	Tzy-Jyun Yao, USA	#10

15:45 Break



Clinical Case Presentations

Moderator: Rohan Hazra & Jason Brophy

- 16:15 **Jorge Pinto, MD, DSc**
Federal University of Minas Gerais, Brazil
- Theodore Ruel, MD**
University of California, San Francisco, USA
- Denis Tindyebwa, MBChB, MMed**
African Network for the Care of Children Affected by HIV/AIDS (ANECCA), Uganda

Short Oral Poster Presentations:

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| 17:00 | The Clinical Impact and Cost-Effectiveness of Routine HIV Screening and Testing at Infant Immunization Visits in Côte d'Ivoire (CI), South Africa, and Zimbabwe | Andrea Ciaranello, USA | #21 |
| 17:05 | Safety and Efficacy of E/C/F/TAF In Virologically Suppressed, HIV-Infected Children Through 96 Weeks | Natella Rakhmanina, USA | #22 |
| 17:10 | Neurodevelopmental Outcome at 11 Months in Perinatally HIV-Infected Infants: Does Starting Very Early Antiretroviral Therapy Help? | Barbara Laughton, South Africa | #23 |
| 17:15 | T Cell Senescence and Exhaustion In Perinatally HIV Infected Children (PHIC) | Beatriz Thome, Brazil | #24 |
| 17:20 | Discussion | | |

17:30 Poster Viewing and Welcome Reception

Poster Walk: PMTCT Programs

Leader: Moherndran Archary

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| HIV Treatment Coverage and Antenatal Care Among Non-Citizen Pregnant Women in Botswana | Rebecca Zash, USA | Poster #29 |
| Too Little, Too Late: Early Lessons on MTCT Risk from HIV Positive Infant Case Investigation in Zimbabwe | Tinashe Chinyanga, Zimbabwe | Poster #30 |
| Challenges with Recognition of Newborns at High Risk for Perinatal HIV Transmission in Rural Western Cape, South Africa | Tracy Cummins, South Africa | Poster #31 |
| Final HIV Outcome for Exposed Infants: Improving Mother-Baby Pair Retention in Prevention of Mother-to-Child Transmission Care in Eswatini Through Proactive Community Follow-Up | Menzi Ginindza, Swaziland | Poster #32 |
| "Effective Community Engagement and Participation, Key to Nigeria Achieving the First 90' target of eMTCT." | Gideon Sorochi Okorie, Nigeria | Poster #33 |





Poster Walk: Pediatric Case Finding	Leader: Ali Judd	
Creating Demand for HIV Testing Services (HTS) among School-aged Children	Menzi Ginindza, Swaziland	Poster #34
Financial Incentives Increase Pediatric HIV Testing among HIV Positive Caregivers	Anjuli Wagner, Kenya	Poster #35
Untested Children Reached through Index Case Testing Often have Previously Tested Siblings and Poor Historic PMTCT Engagement	Jillian Neary, USA	Poster #36
Perception that a Child is HIV-Positive and Fear that the Child will be Tested are Barriers for Seeking Medical Care for the Child by HIV-Positive Caregivers	Cyrus Mugo, Kenya	Poster #37
Concurrent Implementation of Targeted and Blanket Provider-Initiated Testing and Counseling against Symptom-based Diagnostic HIV Testing among Children and Adolescents in Cameroon: A Comparative Effectiveness Study	Habakku Yumo, Cameroon	Poster #38
Poster Walk: Pediatric Antiretroviral Drugs	Leader: Gareth Tudor-Williams	
Pharmacokinetics, Safety and Tolerability of Doravirine in Adolescents with HIV-1	Ann Melvin, USA	Poster #39
Effect of Ready-To-Use Therapeutic Food on Efavirenz and Nevirapine Plasma Levels in Malnourished HIV-infected Children in Uganda	Judy Orikiiriza, Ugansa	Poster #40
Abacavir Use in Young Infants in the UK and Ireland National Paediatric HIV Cohort	Siobhan Crichton, United Kingdom	Poster #41
Children and Adolescents in the UK/ Ireland CHIPS Cohort on Integrase Inhibitors: Safety and Effectiveness	Siobhan Crichton, United Kingdom	Poster #42
Lack of Influence of Pubertal Stage on Safety and TFV Pharmacokinetics in TAF-based Regimens	Yapei Liu, USA	Poster #43
Poster Walk: Coinfections and Comorbidities	Leader: Sharon Nachman	
Maternal Factors for Adherence in Infant Isoniazid Preventive Therapy Provision among HIV-Exposed Uninfected Infants (HEU) in Kenya	Danae Black, USA	Poster #44
Burden of Tuberculosis among Children and Adolescents on Anti-retroviral Therapy in Myanmar	Kyaw-Min Htut, Myanmar	Poster #45
Attention Deficit hyperactivity Disorder in Mexican Children and Adolescents with Perinatally Acquired HIV	Dulce María Morales Pérez, Mexico	Poster #46



Low Cytomegalovirus (CMV) Recurrence among HIV-Infected Children and Adolescents on HAART from a Highly CMV-Seropositive Population	Fernanda Sturzbecher, Brazil	Poster #47
Referral Rewards: Impact of Strengthening Integrated HIV/TB and Malnutrition Community-Facility Referrals among Children Under 5 in Rural Zimbabwe	Tinashe Chinyanga, Zimbabwe	Poster #48

Poster Walk: Pediatric Care Programs

Leader: Noris Pavia-Ruz

Adherence to Anti-retroviral Therapy among Children and Adolescents in Myanmar: a mixed-methods study	Kyaw-Min Htut, Myanmar	Poster #49
Pediatric HIV Care at an Ambulatory Health Center in Maputo, Mozambique	Gabriela Zamudio, Mozambique	Poster #50
Virus Load Differentiated Care of HIV-1 Infected Children and Adolescents is Feasible and Effective in Remote Rural Zimbabwe	Tichaona Mapangisana, Zimbabwe	Poster #51
Retention and Viral Suppression of Children and Adolescents in HIV Care, Zimbabwe	Audry Shava, Zimbabwe	Poster #52

Poster Walk: Adolescents: Viral Suppression , Adherence and Retention

Leader: Pat Flynn

Virological Suppression Among HIV Infected Adolescents and Youths Receiving ART in the National Teaching and Referral Hospital in Kenya	James Mburu Kangethe, Kenya	Poster #54
Mental Health and its Association with Metabolic Outcomes in Youth Living with Perinatally Acquired HIV in the Cape Town Adolescent Antiretroviral Cohort (CTAAC).	Jacqueline Hoare, South Africa	Poster #55
Vertically-Infected Adolescents have Poor Viral Suppression Compared to Horizontally-Infected Youth	Kate Wilson, USA	Poster #56
Drug Resistance Among Youth with Confirmed Virologic Failure on First Line and Response to Second Line ART in Harare, Zimbabwe.	Vinie Marwa Kouamou, Zimbabwe	Poster #57
Towards Achieving Undetectable Viral Load: Viral Load Outcomes Among Adolescents Living With HIV on ART in the Manzini Region of Eswatini	Anthony Mutiti, Swaziland	Poster #58

19:00 Networking dinner





Saturday, July 20th 2019

Moderator: Lynne Mofenson

- 8:00 **SPECIAL SESSION**
Botswana Birth Surveillance Update
Rebecca Zash, MD
 Harvard University, USA
Botswana MOH/CDC Surveillance Study
Mimi Raesima, MD
 CDC, Botswana
Special Update on Pediatric HIV in Pakistan
Martina Penazzato, MD, DTMH, MSC, PhD
 WHO, Switzerland

Session 4 Prevention of New Pediatric HIV Infections (and Improving Maternal Health)

Moderator: Barbara Burmen & Guillermo Vázquez-Rosales

- 8:45 **Update on Preconception ARVs and Birth Defects**
Claire Thorne, PhD
 University College London, UK

Oral Abstract Presentations

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| 9:15 | Periconceptional Antiretroviral Exposure and Central Nervous System (CNS) and Neural Tube Birth Defects – Data from Antiretroviral Pregnancy Registry (APR) | Vani Vannappagari, USA | #12 |
| 9:30 | Effects Of Dolutegravir and Other Integrase Inhibitors on Folate Transport Pathways | Maciej Zamek-Glisczynski, USA | #13 |
| 9:45 | HIV Drug Resistance at Mother-To-Child Transmission and Emergence During Breastfeeding | Ceejay Boyce, USA | #14 |
| 10:00 | Lower Birth Weight-for-Age And Length-for-Age Z-Scores In Infants with In Utero HIV and ARV Exposure: A Prospective Study In Cape Town, South Africa | Dorothy Chiwoniso Nyemba, South Africa | #15 |

- 10:15 Break



Moderator: Denis Tindyebwa & Amy Slogrove

10:45 **Addressing sexual and reproductive health needs for adolescent and young women in low and middle income countries**
Linda-Gail Bekker, MBChB, DTMH, DCH, FCP (SA), PhD
 Desmond Tutu HIV Centre, South Africa

Short Oral Poster Presentations

11:15 Chronic Maternal Depression Symptomatology Predicts Executive Behavioral Problems in HIV Affected Children in Uganda
 Itziar Familiar, USA #25

11:20 Age- and Site-Specific Trends in Advanced HIV Disease At Antiretroviral Therapy Initiation Among HIV-Infected Children in Eastern And Southern Africa: 2003-2017
 Peter Elyanu, Uganda #26

11:25 Closing the Treatment Gap For Children: Global and Regional Trends in Pediatric Antiretroviral Therapy Coverage, 2010-2017
 Joseph Gregory Rosen, Zambia #27

11:30 Outcomes of Children and Adolescents Living With HIV Considered Lost to Follow Up at leDEA-SA Cohorts in the Western Cape: Linkage to Western Cape Provincial Health Data Centre Records.
 Patience Nyakato, South Africa #28

11:35 Discussion

11:45 Poster Viewing (Even numbers)

12:45 Lunch

Session 5 Adolescents and Young Adults

Moderator: Ali Judd & Valériane Leroy

13:45 **DEBATE: Transition to Adult Care is Bad for the Health of HIV-Positive Youth**

PRO

Rachel Vreeman, MD, MS

Icahn School of Medicine at Mount Sinai, USA

CON

Hilda Mujuru, MBChB, MMed Paeds, MSc Clin Epi

University of Zimbabwe, Zimbabwe

Oral abstract presentations

14:15 High Uptake and Completion of HIV Self-Testing Using a Novel Community based Delivery System for Young People in Kenya
 Kate Wilson, USA #16





14:30	Describing The Characteristics and Long-Term Outcomes of Adolescents Living with Perinatally Acquired HIV in the leDEA-Southern Africa Collaboration: 2004-2017	Priscilla Tsondai, South Africa	#17
14:45	Growth and Immunodeficiency of ART-Treated Adolescents Living with Perinatally Acquired HIV: A Collaborative Initiative for Paediatric HIV Education and Research (CIPHER) Cohort Collaboration Analysis.	Julie Jesson, France	#18
15:00	Hospitalization in Perinatally HIV-Infected Adolescents on Antiretroviral Therapy in South Africa: A Prospective Study.	Lisa Frigati, South Africa	#19
15:15	The Next Generation: Pregnancy Outcomes in Adolescents and Women Living With Perinatally Acquired HIV in South Africa	Kim Anderson, South Africa	#20

15:30 Break

Moderator: Annette Sohn & Natella Rakhmania

16:20 **State of ART: Prevention of HIV in Adolescent and Young Girls**
Quarraisha Abdool Karim, PhD
CAPRISA, South Africa

16:40 **State of ART: Prevention of HIV in Adolescent and Young MSM**
Nittaya Phanuphak, MD, PhD
Thai Red Cross AIDS Research Center, Thailand

17:00 **Youth Panel: What Should be done for Prevention of HIV in Youth?**
Youth Representatives

17:25 Young investigator award

17:30 **Closing**

