

## Friday, 21 July

Times are in Australian Eastern Standard Time (AEST)

07:00 Registration Open

07:30 Welcome Coffee

### Opening Session

08:00 **Opening words**

**Elaine Abrams, MD**

Columbia University, United States

**Lynne Mofenson, MD**

Elizabeth Glaser Pediatric AIDS Foundation, United States

08:10 **Social Opening from Local Co-Chairs**

**Adam Bartlett, BSc, MBBS, MPHTM, PhD, FRACP**

Sydney Children's Hospital / Kirby Institute, Australia

**Clare Nourse, AM, BA, MB, BCH, BAO DCH, MRCPI, FRACP, MD**

Children's Health Queensland / University of Queensland, Australia

### Session 1 Global Update on Pediatric HIV

Chair: *Fatima Kakkar*

08:25 **2023 Global Update on the HIV Epidemic in Infants, Children, Adolescents, and Women**

**Anna Yakusik, MSc, MBA**

UNAIDS, Switzerland

08:40 **Elimination of New Pediatric Infections: Where We Are Now And Considerations For The Next Generation of Postnatal Prophylaxis**

**Ivy Kasirye**

WHO, Switzerland

**Nandita Sugandhi, MD**

WHO, United States

08:50 **The Epidemiology of HIV in Pregnant Women, Children, and Adolescents in the Asia-Pacific**

**Annette Sohn, MD**

TREAT Asia/amfAR, Thailand

09:10 **Discussion**

### Session 2 Pediatric Care and Treatment - Advanced HIV Disease (AHD) in Children and Adolescents

Chair: *Mark Cotton*

09:25 **Optimizing Recognition and Treatment of Advanced HIV Disease in Children and Adolescents**

**Lisa Frigati, MBChB, PhD**

University Of Stellenbosch, South Africa

09:45 **Country Experiences with Pediatric AHD - South Africa**

**Moherndran Archary, MBChB, PhD**

University of KwaZulu Natal, South Africa

09:55 **Country Experiences with Pediatric AHD - Philippines**

**Maria Karren C. Sta. Maria, MD**

Jose B. Lingad Memorial General Hospital, Philippines

10:05 **Discussion**

10:20 Break



10:50 **Advances in HIV Vaccines for Prevention and Treatment**

**Glenda E. Gray, MBBCH, FCPaed (SA), DSc**

South African Medical Research Council (SAMRC), South Africa

11:10 **Discussion**

**Oral Abstract Presentations**

*Chair: Mark Cotton*

11:20	Increasing Second-Line ART Options for Children With HIV in Africa: Week-96 Efficacy and Safety Results of the CHAPAS-4 Randomised Trial	Mutsa Bwakura-Dangarembizi, Zimbabwe	#1
11:35	Improving Antiretroviral Treatment Continuation Among Children Living With HIV in Nampula, Mozambique	Hamilton Mutemba, Mozambique	#2
11:50	Low-Level Viremia as a Risk Factor for Virologic Failure in Children and Adolescents Living with HIV	Kevin Patrick McKenzie, Tanzania	#3
12:05	Intensive Monitoring Improve Access to Pediatric Dolutegravir and Viral Suppression Among Younger Children Living with HIV in Nampula province, Mozambique	Eduarda Pimentel de Gusmao, Mozambique	#4
12:20	Characterization of HIV-1 Reservoirs in Children and Adolescents: A Systematic Review and Meta-Analysis Toward Pediatric HIV Cure	Yagai Bouba, Cameroon	#5

12:35 Lunch & Poster Viewing (Even Abstract Numbers)

**Session 3 Comorbidities/Co-Infections**

*Chair: Tavitiya Sudjaritruk*

14:00 **Treatment of MDR/XDR TB in Children**

**Ben Marais, MD**

University of Sydney, Australia

14:15 **Prevention of MDR/XDR TB in Children**

**Steve Graham, PhD, FRACP**

University of Melbourne, Australia

14:30 **Discussion**

**Oral Abstract Presentations**

*Chair: Tavitiya Sudjaritruk*

14:40	"Is the Recommended Valganciclovir Dosing for Treatment of Cytomegalovirus in Infants Adequate for Treatment of Cytomegalovirus Pneumonia in HIV-Positive Infants in sub-Saharan Africa? A Pharmacokinetic Sub-Study in the EMPIRICAL Trial "	Vivian Mumbiro, Zimbabwe	#6
14:55	CMV Co-infection and Immunological Outcomes Among Children Living With HIV in Canada	Fatima Kakkar, Canada	#7
15:10	Immune Responses to Respiratory Syncytial Virus among HIV-Exposed Uninfected Infants from the United States Correlate with Maternal Inflammation during Pregnancy	Christiana Smith-Anderson, United States	#8
15:25	Increase in Ambient Air Pollution Is Associated With Cardiovascular Disease Risk in Youth With and Without HIV in Urban Uganda	Hee Kyung Kim, United States	#9
15:40	Longitudinal Immune Correlates of Cognition at 7 and 9 Years in Early Treated and Long-Term Suppressed Perinatally HIV-1 Infected Children in Cape Town, South Africa	Kaylee van Wyhe, South Africa	#10

15:55 Break

## Clinical Case Presentations

*Chair: Moherndran Archary*

- 16:25 **Case 1**  
**Wipaporn Natalie Songtaweasin, MBBS, DTMH**  
Chulalongkorn University, Thailand
- 16:45 **Case 2**  
**Robyn Silcock, MBBS, BMedSc, BA, DCH, MPH, MHM**  
Queensland Children's Hospital, Australia

*Chair: Elaine Abrams*

- 17:05 **Cabotegravir-LA for HIV Prevention in Pregnant Women or Neonates**  
**Sinead Delany-Moretlwe, MBBCh, PhD, DTM&H**  
Wits RHI, University of the Witwatersrand, South Africa

- 17:25 **Discussion**

**17:35 Parallel Poster Walks and Welcome Reception**

**19:30 Networking Dinner** (pre-registration required)



## Parallel Poster Walks

### 17:35 Adolescents and HIV - Dr. Annette Sohn

Cardiometabolic Risk Profiles of Adolescents living with Perinatally Acquired HIV in South Africa	Lisa Frigati, South Africa	#60
Change in Size-Adjusted Bone Density Outcomes by HIV Status Among Peripubertal Children in Zimbabwe: A Prospective Cohort Study	Lisha Jeena, United Kingdom	#61
Cognitive Functioning Using a Mobile-Based Tool in Adolescents and Youth Living With HIV in Kenya	Michelle Bulterys, United States	#62
High Prevalence and Low Awareness of Chronic Hepatitis in Adolescents Living with HIV in Thailand	Krisanee Pansue, Thailand	#63

### 17:35 Maternal and Pediatric Care and Treatment - Dr. Rachel Vreeman

Low Levels of Self-Efficacy and Indicators of Depression Predict n-viral Suppression Using the AIDS Clinical Trials Group Adherence Questionnaire Among Women Living With HIV in Kampala, Uganda	Patience Atuhaire, Uganda	#32
Neonatal Outcomes of Children who are HIV Exposed and Uninfected Compared with HIV Unexposed in Western Kenya	Megan McHenry, United States	#49
Barriers to ART Adherence in Neonates and Infants from the LIFE Study in Mozambique	W. Chris Buck, Mozambique	#87
Early Virological Response to Dolutegravir in Children and Adolescents Living with HIV in Ugandan UP-ART Cohort Study	Eleanor Namusoke- Magongo, Uganda	#88
The CHERISH (Children HIV-Exposed Research to Inform Survival and Health) Dynamic Cohort	Heinrich Cupido, South Africa	#89

## Saturday, 22 July

Times are in Australian Eastern Standard Time (AEST)

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

Chair: Clare Nourse

08:00 **Challenges in and Strategies for Elimination of Perinatal HIV Infection in Asia-Pacific - Timor-Leste**

**Bonifacio Da Silva De Jesus, MD**

Maloa HIV Care Centre, Timor-Leste

08:10 **Challenges in and Strategies for Elimination of Perinatal HIV Infection in Asia-Pacific - Papua New Guinea**

**Gamini Vali Boma, MBBS, DCH, MMed**

Port Moresby General Hospital, Papua New Guinea

08:20 **Discussion**

### Debate - Long-Acting Injectable ART Will Solve Adolescent ART Adherence Problems

Chair: Elaine Abrams

08:30

**PRO**

**Thanyawee Puthanakit, MD**

Chulalongkorn University, Thailand

**CON**

**Nadia Sam-Agudu, MD, CTropMed**

University of Maryland School of Medicine, United States

Institute of Human Virology Nigeria, Nigeria

### Oral Abstract Presentations

Chair: Clare Nourse

09:10	Factors Associated With Breastfeeding Transmission of HIV in the Era of Universal Maternal Antiretroviral Therapy	Kim Anderson, South Africa	#11
09:25	Modeling the Impact of Viral Load Testing and Mentor Mother Programs on Vertical Transmission in a High HIV Prevalence African Setting	Horacio A. Duarte, United States	#12
09:40	Association Between In-Utero PrEP Exposure and Bone Mineral Density at 36 Months of Age Among Mother-Infant Pairs in Kenya	Linxuan Wu, United States	#13
09:55	Neonatal Hospitalization and Mortality in Infants HIV-Exposed Uninfected and HIV-Unexposed Uninfected in the Western Cape, South Africa	Andisiwe Bovu, South Africa	#14
10:10	Child Neurodevelopment Among Children Who Are HIV-Exposed Uninfected in Kenya	Michelle Bulterys, United States	#15

10:25 Break

10:55 **Hepatitis C in Children: Epidemiology, Diagnosis, and Treatment**

**Manal Hamdy El-Sayed, MD, PhD**

Ain Shams University, Egypt

11:15 **Discussion**



### Oral Poster Presentations

Chair: Moherndran Archary

11:25	High Prevalence of Unconfirmed Positive HIV PCR Test Results among African Infants with Perinatal HIV Exposure in the International epidemiology Databases to Evaluate AIDS (IeDEA) Consortium	James Carlucci, United States	#21
11:30	Change in HIV-Related Characteristics of Children Hospitalised With Infectious Diseases in Western Cape, South Africa, 2008 – 2021: A Time Trend Analysis	Shani De Beer, South Africa	#22
11:35	Improving Access to HIV Prevention and Care and Treatment for Adolescent and Youth Through Community-Based Service Delivery Models in Nampula, Mozambique	Thais Ferreira, Mozambique	#23
11:40	Effectiveness of Caregiver Mentor Directly Observed Treatment and Support Model on Viral Load Suppression in Uganda	Katto Edward, Uganda	#24
11:45	<b>Discussion</b>		

### Industry-Sponsored Symposium

13:00 Lunch & Poster Viewing (Odd Abstract Numbers)

### Session 5 Adolescents and Young Adults

Chair: Thanyawee Puthanakit

14:00 **Strategies to Improve Adolescent Retention in HIV Care and Treatment**  
**Brian Zandoni, MD, MPH**  
 Emory University School of Medicine / Grady Health System, United States

14:20 **Discussion**

### Oral Abstract Presentations

Chair: Thanyawee Puthanakit

14:30	A Baseline Analysis of the Physical, Social, and Mental Health of a Prospective, Global Cohort of Adolescents and Young Adults Living With HIV, the Adolescent and Young Adult Network of IeDEA (AYANI)	Rachel Vreeman, United States	#16
14:45	Vitamin D and Calcium Intake Are Associated With Bone Deficits Among Adolescents Living With HIV in Zambia and Zimbabwe	Nyasha Dzavakwa, Zimbabwe	#17
15:00	Efficacy and Safety of Dolutegravir/Lamivudine (DTG/3TC) in Antiretroviral Therapy (ART)-Naive Adolescents Living With HIV-1: DANCE Study Week 96 Results	Thanyawee Puthanakit, Thailand	#18
15:15	Weight and BMI-for-age Evolution Before and After the Initiation of Dolutegravir-Based Regimen Among Adolescents Enrolled in the IeDEA West African Pediatric Cohort (pWADA)	Julie Jesson, France	#19
15:30	Long-Acting HIV Pre-exposure Prophylaxis (PrEP) among Adolescent Girls and Young Women (AGYW) in South Africa: Cost-Effective at What Cost?	Anne Neilan, United States	#20

15:45 Break

**Adolescents and Young Adults - Mental Health Challenges in Adolescents Living with HIV**

*Chair: Adam Bartlett*

- 16:15 **Impact of Mental Health on ART Adherence and HIV Outcomes in Adolescents Living with HIV**  
**Lucie Cluver, PhD**  
Oxford University, United Kingdom / University of Cape Town, South Africa
- 16:35 **Integrating Mental Health Care into Adolescent HIV Care in Low-Resource Settings - Asia Pacific**  
**Wipaporn Natalie Songtaweasin, MBBS, DTMH**  
Chulalongkorn University, Thailand
- 16:50 **Discussion**
- 17:00 **Panel Discussion - Mental Health - Young People's Experiences**  
**Moderators: Adam Bartlett & Clare Nourse**
- 17:30 **Early-Career Investigator Award**
- 17:35 **Official Closing of the Workshop**  
**Adam Bartlett, BSc, MBBS, MPHTM, PhD, FRACP**  
Sydney Children's Hospital / Kirby Institute, Australia  
**Clare Nourse, AM, BA, MB, BCH, BAO DCH, MRCPI, FRACP, MD**  
Children's Health Queensland / University of Queensland, Australia

**17:45 Special Networking Event: CIPHER Evidence to Action Forum**

## Saturday 22 July

### Industry-Sponsored Symposium - ViiV - Ending Paediatric HIV: How Do We Get there?

Chair: *Natella Rakhmanina*

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- 12:00 **Opening Words**  
**Natella Rakhmanina, MD, PhD, FAAP, FCP, AAHIVS**  
Children's National Hospital, United States
- 12:05 **Global Overview on the Status of Early Screening of HIV-Exposed Infants**  
**Elaine Abrams, MD**  
Columbia University, United States
- 12:20 **Challenges and Successes of Implementing Early Screening Program at a Country Level**  
**Nadia Sam-Agudu, MD, CTropMed**  
University of Maryland School of Medicine, United States  
Institute of Human Virology Nigeria, Nigeria
- 12:35 **The Role of the Mentor Mothers Programs in The Implementation of Early Infant Testing**  
**Matsepo Dee Mphafi-Tanka**  
Elizabeth Glaser Pediatric AIDS Foundation, Lesotho
- 12:50 **Discussion**
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