## FRIDAY 15 JULY

### 8.00 AM Opening Words: co-chairs Moherndran Archary and Lynne Mofenson

### Session 1 Pediatric HIV Treatment and Prevention: Getting to 90-90-90

**Moderator** Elaine Abrams

**8.30 AM** Pediatric HIV Treatment and Prevention: From Then to Now  
Peter Mugyenyi, MBChB, DCH, FRCP, FRCPE, ScD, JCRC, Uganda

### Path to the Future: New Guidelines, New Drugs, New Strategies

**9.00 AM** Pediatric Drug Pipeline: New Drugs, New Strategies  
Martina Penazzato, MD, DTM&H, MSc, PhD, WHO, Switzerland

**9.15 AM** New WHO Guidelines on Breastfeeding  
Nigel Rollins, WHO, Switzerland

**9.30 AM** UNICEF Consultation: Countries Implementation of B+  
Chewe Luo, MD, PhD, UNICEF, USA

**9.45 AM** Testing at Birth – Update from South Africa  
Gayle Sherman, MBBCh, MMED, DCH, DTM&H, PhD, U. Witwatersrand, South Africa

### Abstract presentations

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<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tr>
<td>10.00 AM</td>
<td>Treatment cascade of HIV-infected infants in Thailand National Program: how close are we to the 90-90-90 target?</td>
<td>T. Puthanakit 0_01</td>
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<tr>
<td>10.15 AM</td>
<td>Impact of the frequency of plasma viral load monitoring on treatment outcome among perinatally HIV-infected Asian children stable on first-line cART</td>
<td>T. Sudjaritruk 0_02</td>
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<tr>
<td>10.30 AM</td>
<td>Virological response and resistance among HIV-infected children on first-line antiretroviral therapy without routine virological monitoring</td>
<td>A. Prendergast 0_03</td>
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### Session 2 Pediatric Antiretroviral Therapy

**Moderator** George Siberry

**11.15 AM** Cases in Pediatric Antiretroviral Treatment Management  
**CASE PRESENTATIONS**  
Moherndran Archary, MBChB, DCH, FCPaed, Paeds ID, South Africa  
Gareth Tudor-Williams, MD, UK  
**PANEL Discussion, High and Low Resource Countries**  
High/Mid-resource: Ted Ruel, MD, USA & Thanyawee Puthanakit, MD, Thailand  
Low: Mutsa Bwakura, MBChB, MMed, Zimbabwe & Victor Musiime, MBChB, MMed, PhD, Uganda

### Abstract presentations

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<tr>
<td>11.45 AM</td>
<td>Access to antiretroviral initiation among HIV-infected children aged 0-19 years in the International Epidemiologic Databases to Evaluate AIDS Global Network</td>
<td>V. Leroy 0_04</td>
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<tr>
<td>12.00 PM</td>
<td>Switching to second-line antiretroviral therapy in HIV-infected children: a CIPHER cohort collaboration global analysis</td>
<td>R. Goodall 0_05</td>
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<tr>
<td>12.15 PM</td>
<td>Raltegravir (RAL) pharmacokinetics (PK) and safety in HIV-1-exposed neonates at high risk of infection [IMPAACT 1110]</td>
<td>D. Clarke 0_06</td>
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| 12.30 PM | **Young investigator posters presentation (2 slides, 5 mnts each plus Q&A)**  
HIV PCR testing at birth in KwaZulu Natal, South Africa – one year post introduction of the largest neonatal HIV testing programme  
Paediatric HIV point of care testing: field evaluation of the performance of Cepheid and Alere qualitative HIV assays in a Soweto academic hospital | F. Moyo 0_07, T. Murray 0_08 |
PROGRAM

12.45 PM Lunch and Postviewing (P 24 - 46)

Session 3 Adolescent Transition to Adult Care: What Do We Know and What Are The Research Priorities
Moderator Annette Sohn

2.15 PM High-Resource Perspective on Adolescent Transition and Research Priorities
Ali Judd, MD, University College London, UK

2.45 PM Low-Resource Perspective on Adolescent Transition and Research Priorities
Mary Ann Davies, MBChB, MMed, PhD, FC, South Africa

Abstract presentations
3.15 PM The global epidemiology of perinatally HIV-infected adolescents: A CIPHER Global Cohort Collaboration analysis –
A. Slogrove 0_09

3.30 PM What does adolescent transition mean in sub-Saharan Africa? Predictors of transfer in Southern African perinatally HIV-infected adolescents -
M.A. Davies 0_10

3.45 PM Break

Session 4 Managing Children and Youth with HIV
Moderator Jason Brophy

4.15 PM It’s Not Just HIV: Complications and Research Priorities in Care of HIV-Infected Youth
Rashida Ferrand, PhD, MBBS, MMed, FCD, University College London, UK

Abstract presentations
4.45 PM Higher retention and viral suppression rates in dedicated adolescent-friendly HIV clinic in South Africa
B. Zanoni 0_11

5.00 PM Decreased bone turnover in HIV-infected children on antiretroviral therapy
S. Siau 0_12

5.15 PM Efficacy of the Amagugu intervention to increase maternal HIV disclosure to HIV-uninfected primary school aged children in Southern Africa: a randomized controlled trial
T.J. Rochat 0_13

5.30-7.00 PM Poster reception with Finger Food (P 47 - 69)

SATURDAY 16 JULY

8.00 AM Young Investigator Award - Moherndran Archary and Lynne Mofenson

Session 5 Optimizing Diagnosis of HIV Infection in Infants and Children
Moderator Tsungai Chipato

Abstract presentations
8.15 AM Comparing Point of Care to Laboratory HIV PCR testing at birth in a hospital setting in Johannesburg, South Africa
K.G. Technau 0_14

8.30 AM Does HIV DNA-PCR testing of HIV-exposed infants at birth reduce follow-up for routine testing at 4-14 weeks of age?
E. Kalk 0_15

9.00 AM Impact of birth HIV PCR testing on routine 6-week EID testing in Cape Town, South Africa
L. Dunning 0_16

9.15 AM Where have all the children gone? High HIV prevalence in infants attending nutrition and inpatient wards
L. Vojnov 0_17

Debate: PrEP Should Be Offered to All Sexually Active Adolescents for Prevention
Moderator Diana Gibb

9.30 AM Pro: Linda-Gail Bekker, MD, Desmond Tutu HIV Foundation, South Africa
Con: Audrey Pettifor, PhD, UNC Chapel Hill, USA
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<tr>
<td>10.15 AM</td>
<td>Break and Poster viewing [P 70 - 92]</td>
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| **Session 6** | Prevention of Mother To Child Transmission in Treatment Era | Moderator: Daya Moodley  
10.45 AM **Option B+: Beyond ART – Experience with Retention and Outcomes**  
Landon Myer, MD, PhD, University of Cape Town, South Africa  
Abstract presentations  
11.15 AM Maternal Triple Antiretrovirals (mART) and Infant Nevirapine (iNVP) Prophylaxis for the Prevention of Mother-to-Child Transmission (MTCT) of HIV during Breastfeeding (BF)  
T. Taha 0_18  
11.30 AM Outcomes of HIV-exposed infants before and after implementing Option B+ PMTCT guidelines in Kampala, Uganda: a retrospective cohort study  
P.J. Elyanu 0_19  
11.45 AM Impact of tenofovir-containing triple antiretroviral therapy (ART) on bone mineral density in HIV-infected breastfeeding women in sub-Saharan Africa  
L. Stranix 0_20 |
| 12.00 PM | Lunch and Poster viewing [P 93 -115]                                   |                                                                                  |
| **Session 7** | Coinfections and Complications of HIV in Children                   | Moderator: Mark Cotton  
1.30 PM **The Challenge of Drug-Resistant TB in Children with HIV**  
Simon Schaaf, MD Paed, Tygerberg Children’s Hospital, South Africa  
Abstract presentations  
2.00 PM Lung function in HIV-infected South African adolescents on antiretroviral therapy: the Cape Town adolescent antiretroviral cohort  
L. Githinji 0_21  
2.15 PM Long-term neurodevelopmental outcomes on early limited or deferred continuous antiretroviral therapy: evidence from the CHER trial  
B. Laughton 0_22  
2.30 PM Neuropsychological performance in African HIV children in a multi-site ARV clinical trial is poorer than non-infected children  
M. Boivin 0_23  
2.45 PM **Closing words Pediatrics workshop: Co Chairs Moherndran Archary and Lynnen Mofenson** |
| 3.00 PM | Transfer to ICC for Joint Session Pediatrics workshop and HIV Cure   |                                                                                  |
| **Session 8** | Joint Session  HIV Pediatric Workshop and HIV Cure Workshop: Towards an HIV Cure in Children |  
4.00 PM Welcome Coffee in ICC  
Chair: Deborah Persaud - Johns Hopkins University, USA  
4.30 PM Neonatal and Pediatric Immunology Relevant to HIV Persistence  
Nigel Klein, MRCP, PhD, University College London, UK  
Deena Gibbons, Kings College London, UK  
4.55 PM Roundtable Discussion: Research Priorities In Pediatric HIV Cure  
Moderator: Jintanat Ananworanich, MD, PhD, US Military HIV research program, USA  
Participants:  
Caroline Tiemessen, PhD, University of the Witwatersrand, South Africa  
Thanyawee Puthanakit, MD, King Chulalongkorn Hospital, Thailand  
Diana Finzi, PhD, NIAID, USA  
Paolo Rossi, MD, PhD, Hospedale Pediatrico Bambino Gesu, Italy  
Barbara Kingsley, Red Ribbon Foundation, South Africa  
5.50 PM Concluding remarks by Deborah Persaud, Johns Hopkins University, USA |
| 6.00 PM | Networking Reception / Cure Poster Exhibition                          |                                                                                  |
| 7.00 PM | Return Transfer to Coastlands Umhlanga Hotel                         |                                                                                  |