ILF/CIPHER Thematic Roundtable on Paediatric HIV Diagnostics: Early Infant Diagnosis and Beyond

Sunday, 19 July 2015, 09:00 – 13:00 PST
Vancouver, Canada
World’s leading independent association of professionals working in HIV, governed by a group of international experts

Promotes the priorities of its members through strategic communications, advocacy, and global convening; these priorities are:

- Towards an HIV Cure
- Paediatric HIV (CIPHER)
- HIV Co-Infections
- Key Populations

Benefits from overarching tools:

- Journal of the International AIDS Society (JIAS)
- Industry Liaison Forum (ILF)
CIPHER – Goal

Optimizing clinical management and delivery of services to infants, children and adolescents affected by HIV in RLS

**RESEARCH PROMOTION**
- Grant programme
- JIAS series

**SUPPORTING COHORT COLLABORATION**
- Global cohort collaboration
- Online map
- Adolescent Transition Workshop

**ADVOCACY AND OUTREACH**
- Roundtable discussions
- Working groups/initiatives
- Youth Voices @ AIDS 2016 campaign
CIPHER – Research Grant Programme

➢ Early stage investigators
➢ Targeted clinical and operational research gaps
➢ Resource-limited settings
➢ Up to $150,000 / 2 years

“This IAS funding has greatly enhanced my current and future prospects as an independent investigator...It has also provided me with valuable networks in the paediatrics HIV field”
Paul Bangirana, Uganda
CIPHER – Research Grant Programme

CIPHER is pleased to launch its largest round of
PAEDIATRIC HIV RESEARCH GRANTS
US$1.2M
Applications open 1 October 2015

2015 grant presentation
on Monday, 20 July at 10:00
in Ballroom C-D

www.iasociety.org/cipher

CIPHER is guided by experts in paediatric HIV convened by the IAS
Largest paediatric HIV cohort collaboration to date

- 250,000+ infants, children and adolescents

**Projects**
1. Time on first-line ARVs in children
2. Adolescent epidemiology

**Timeline**
- Data SOP finalized
  - June 2014
- Data transfer
  - Dec 2014 – June 2015
- Data queries, analysis
  - June - Oct 2015
- Preliminary results
  - Oct 2015
- IWHOD 2016
- AIDS 2016
**CIPHER – Next steps**

**Expand first-line concept to second-line issues:** rates of failure, switch, outcomes, modeling

New projects:

- **Cascade of care:** from diagnosis (or probably enrollment) through treatment and outcome
- **TB:** number co-infected, ART drugs and TB drugs change over time, outcomes
- **Pregnancy:** perinatally infected girls, all adolescent females, outcomes; PMTCT data, birth outcomes

**Pharmacovigilance**
Industry remains negatively perceived and excluded from key discussions: this impacts the response to the epidemics; the Industry Liaison Forum promotes the meaningful contribution of industry to the global response

- Mechanism to constructively engage industry and other stakeholders on issues in line with IAS Priorities
Providing a platform for industry to interact with processes in place

Meeting reports available online www.iasociety.org/ilf
The Industry Liaison Forum brings experts together during IAS 2015 to discuss:

- Paediatric HIV diagnostics
- The road to HCV eradication
- The integration of HIV and other diseases
ILF – Advisory Group

ILF Industry Advisory Group members
• Gold Corporate Partners
• Silver Corporate Partners
• Bronze Corporate Partners

ILF Non-Industry Advisory Group members
• IAS Governing Council
• Regulatory / normative agencies
• Procurement / implementing organizations
• Governmental / intergovernmental organizations
• Experts in IAS Priorities or other issues
• Civil society

Gilead Sciences
Merck
MSD
VIIV Healthcare
VIIV Healthcare
AbbVie
AbbVie
Alere
Janssen
Abbott
Abbott
Cipla
Cipla
Female Health Company
Omega Diagnostics
Omega Diagnostics
Roche Molecular Systems
Sysmex Partec

Desmond Tutu HIV Foundation
Fenway Institute
Istituto Superiore di Sanità
Johns Hopkins University
Universidade Federal do Rio de Janeiro
University of Bonn
University of the West Indies

U.S. Food and Drug Administration
WHO Prequalification

Global Fund
UNITAID
WHO HIV/AIDS Department

AIDS
EGPAF
Partners in Diagnostics
Stop TB Partnership

NEPHAK
Treatment Action Group

James Rooney - USA
Sandra Lehman - USA
Paul Schaper - USA
Manuel Gonçalves - UK
Dominic Kemps - UK
Patrick Dorr - UK
Jean van Wyk - USA
Duncan Blair - Thailand
Peter Barnes - UK
Gavin Cloherty - USA
John Hackett - USA
Denis Braun - Switzerland
Sharadd Jain - India
Denise van Dijk - The Netherlands
John Bannister - UK
Mike Iddon - UK
Ed Marins - USA
Francesco Marinucci - Germany

Linda Gail Bekker - South Africa
Kenneth Mayer - USA
Stefano Vella - Italy
Chris Beyrer - USA
Mauro Schecter - Brazil
Jürgen Rockstroh – Germany
Celia Christie-Samuels - Jamaica

Jeffrey Murray – USA
Lembit Rágo – Switzerland

Martin Auten - Switzerland
Philippe Duneton - Switzerland
Joseph Perriëns - Switzerland

Catherine Hankins - The Netherlands
Nicholas Hellman – USA
Elliot Cowan - USA
Colleen Daniels - Switzerland

Rahab Mwaniki - Kenya
Tracy Swan - USA
### Agenda for today’s roundtable

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<td>09:00 – 09:15</td>
<td><strong>Introduction</strong>&lt;br&gt;Marissa Vicari (IAS, Switzerland) / Manager, CIPHER&lt;br&gt;Sébastien Marin (IAS, Switzerland) / Research Officer, ILF</td>
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<td>09:15 – 09:35</td>
<td><strong>Challenges along the pediatric HIV diagnostics continuum:</strong>&lt;br&gt;<strong>Development and implementation</strong>&lt;br&gt;- Discovery and proof of principle&lt;br&gt;- Product development&lt;br&gt;- Delivery, programming and implementation&lt;br&gt;Maurine Murtagh (London School of Hygiene &amp; Tropical Medicine, UK)</td>
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<td>09:35 – 10:25</td>
<td><strong>Overview of existing initiatives</strong>&lt;br&gt;- International Diagnostics Centre (IDC)&lt;br&gt;  Rosanna Peeling (London School of Hygiene &amp; Tropical Medicine, UK)&lt;br&gt;- EID Consortium&lt;br&gt;  Sergio Carmona (NHL, South Africa)&lt;br&gt;- WHO/CDC/NHLS Joint Assessment Mechanism for In Vitro Diagnostics&lt;br&gt;  Anita Sands (WHO, Switzerland)&lt;br&gt;- HIV Global Diagnostics Working Group (GDWG)&lt;br&gt;  Anita Sands (WHO, Switzerland)&lt;br&gt;- Diagnostics Access Initiative (DAI)&lt;br&gt;  Anisa Ghadresenas (CHAI, Kenya)</td>
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<td>10:25 – 10:50</td>
<td><strong>WHO guidance on pediatric HIV diagnostics</strong>&lt;br&gt;Martina Penazzato (WHO, Switzerland) / CIPHER STAC member</td>
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<td>10:50 – 11:20</td>
<td><strong>Coffee break</strong></td>
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<td>11:20 – 12:45</td>
<td><strong>Discussion on creative solutions to overcome barriers to development and delivery of optimal pediatric HIV diagnostics (technology and programming)</strong>&lt;br&gt;1. Bottlenecks and solutions in pediatric HIV diagnostics&lt;br&gt;   - Manufacturers’ perspective&lt;br&gt;   - Implementers’ perspective&lt;br&gt;2. Early infant diagnosis&lt;br&gt;3. Viral load monitoring&lt;br&gt;4. Looking at the future: Genotyping and resistance testing&lt;br&gt;  Facilitator: Trevor Peter (CHAI, Botswana)</td>
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<td>12:45 – 13:00</td>
<td><strong>Summary and closing comments</strong>&lt;br&gt;Marissa Vicari (IAS, Switzerland) / Manager, CIPHER&lt;br&gt;Sébastien Marin (IAS, Switzerland) / Research Officer, ILF</td>
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<td>13:00 – 14:00</td>
<td><strong>Lunch reception for additional informal exchanges between participants</strong></td>
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Objectives for today’s roundtable

1. **Inform attendees** from different backgrounds about **challenges** along the diagnostics development and implementation continuum

2. **Raise awareness** of the many **existing initiatives** in paediatric HIV diagnostics and how these fit together

3. **Provide** background **data** on the **clinical, normative and policy contexts** of paediatric HIV diagnostics

4. **Highlight opportunities** and potential synergies

5. **Catalyze collaboration** among attendees from different types of organizations.
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