**Session N.00382**

**54. Critical updates on the treatment of TB-HIV co-infected children**

**Sunday, 06 December 2015, 10:30 - 12:00**

**Room MR 2.44-2.46**

<table>
<thead>
<tr>
<th>Type of session</th>
<th>Symposium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track</td>
<td>TB in children</td>
</tr>
<tr>
<td>Track2 (optional)</td>
<td>HIV and TB co-infection</td>
</tr>
</tbody>
</table>

**Description**

TB continues to be a major cause of morbidity and mortality in HIV-infected children. However important knowledge gaps remain on the treatment and prevention of drug-susceptible and multidrug-resistant TB in HIV co-infected children, and the programmatic delivery of TB care to HIV-infected children. This symposium will present emerging data on priority issues in paediatric TB-HIV management and discuss the implications of this information for current care and future research.

**Target audience**

1. Clinicians, nurses, healthcare workers caring for TB-HIV co-infected children
2. Programme managers involved in paediatric TB-HIV service delivery
3. Clinical and academic researchers

**Objectives**

1. Present emerging data on pharmacokinetics of and interactions between ARVs and first- and second-line TB drugs
2. Share updated data on treatment outcomes and challenges with delivery of TB care to HIV-infected children
3. Discuss emerging challenges in the co-treatment of children with TB-HIV co-infection

**Keywords**

Children; TB-HIV co-infection; pharmacokinetics

**Coordinator(s)**

Anthony Garcia-Prats (South Africa), Helen Mcilleron (South Africa)

**Chair(s)**

Sharon Nachman (USA)

**Presentations**

10:30 - 10:40  Morbidity and mortality in TB-HIV co-infected children on TB treatment initiated on ART in the PAANTHER cohort in Asia and West Africa

Olivier Marcy (Cambodia)

10:45 - 10:55  Understanding the contribution of HIV to the risk of developing tuberculosis in children: a systematic review and meta-analysis

Pete Dodd (UK)

11:00 - 11:10  TB screening and IPT delivery in HIV-infected children: Programmatic uptake and challenges in Mozambique

WC Buck (Mozambique)

11:15 - 11:25  Emerging challenges in the co-treatment of children with TB-HIV co-infection

Helena Rabie (South Africa)

11:30 - 11:40  Pharmacokinetics of the first-line TB drugs in West African children with and without HIV co-infection

Awewura Kwara (USA)

11:45 - 12:00  Discussion