

27. Building on emerging knowledge to develop novel regimens for paediatric drug-resistant TB

**THE 46TH UNION
WORLD CONFERENCE
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Saturday, 05 December 2015, 10:30 - 12:00

Ballroom West-CTICC

Type of session	Symposium
Track	TB in children
Track2 (optional)	Drug-resistant TB care and treatment, including trials
Description	This symposium aims to address practical and scientific aspects of the management of drug-resistant TB (DR-TB) in children, including novel approaches to prevention and treatment. Data will be presented from an evidence synthesis of current treatment modalities and outcomes, presenting cohorts from geographically diverse settings. Emerging data will be presented on the pharmacokinetics (PK) and safety of key second-line TB drugs in children. Early experiences with using novel drugs for MDR-TB in compassionate use programmes will be presented. An overview of planned and ongoing research will be given
Target audience	<ol style="list-style-type: none"> 1. National TB programme personnel, clinicians 2. Paediatric care providers 3. Nongovernmental organisations, funders, pharma
Objectives	<ol style="list-style-type: none"> 1. Share planned and ongoing research strategies for paediatric MDR-TB 2. Disseminate best practices for the use of second-line drugs in children 3. Build on knowledge of existing cohorts to optimise treatment for paediatric MDR-TB 4. Share early experiences with the use of novel TB drugs for MDR-TB in children
Keywords	MDR-TB; paediatric; treatment
Coordinator(s)	Anneke Hesselning (South Africa), Hendrik Simon Schaaf (South Africa)
Chair(s)	James Seddon (UK), Cherise Scott (USA)
Presentations	<p>10:30 - 10:45 Update on planned and ongoing trials on MDR-TB prevention and treatment in children Anneke Hesselning (South Africa)</p> <p>10:50 - 11:05 Global treatment outcomes in children with paediatric MDR-TB: systematic review and meta-analysis Elizabeth Haraus (USA)</p> <p>11:10 - 11:25 Emerging data on PK and safety of levofloxacin and amikacin informs care and design of new regimens Anthony Garcia-Prats (South Africa), Hendrik Simon Schaaf (South Africa)</p> <p>11:30 - 11:45 Compassionate use of bedaquiline and delamanid in children with MDR-and XDR-TB - early experiences and challenges Marina Tadolini (Italy)</p> <p>11:50 - 12:00 Discussion</p>