

The Centers for Disease Control and Prevention (CDC) Works to End TB as a Global Public Health Threat

CDC is pleased to be a part of the 47th annual Union World Conference on Lung Health alongside the world's top scientific researchers in the field. As the leading public health agency for the United States, CDC works, both at home and around the world, to respond to public health threats when they arise. CDC's Division of Global HIV & TB (DGHT) works side by side with Ministries of Health, community organizations and other partners in more than 25 countries to find, cure and prevent global tuberculosis (TB) worldwide, including the threat of TB strains resistant to existing drugs. These efforts include:

FIND

- Strengthening laboratory networks and surveillance systems for faster, more accurate diagnosis of TB and Multidrug-Resistant (MDR) TB cases
- Identifying the best methods to diagnose TB among people living with HIV and children
- Developing innovative approaches to find undiagnosed TB and MDR TB cases

CURE

- Identifying better treatment regimens that cure patients faster with fewer side effects
- Improving clinical management practices
- Working with Ministries of Health and partners to strengthen health systems critical to find and cure TB

PREVENT

- Ensuring appropriate treatment of all TB cases to prevent resistance
- Breaking the cycle of transmission through infection control
- Scaling up TB preventive and antiretroviral therapy for people living with HIV to prevent TB disease

At this year's Union World Conference on Lung Health, CDC researchers will be presenting new research by way of symposiums, courses, oral abstract sessions and poster presentations. For detailed information on these presentations, see the inside section of this brochure.

“ Imagine a future where everyone with TB was diagnosed quickly, started on effective treatment – a regimen lasting only a few weeks – and a cure was nearly universal. **By pairing global efforts to improve public health response capabilities with proven interventions to strengthen TB control, we can improve the lives of people with TB and avert the suffering and cost associated with this deadly disease.** ”

*Dr. Tom Frieden, MD, MPH
Director, U.S. Centers for
Disease Control and Prevention*

To learn more, **visit our website** for resources including fact sheets, infographics, features on CDC's global TB efforts and specific country profiles at: www.cdc.gov/globalhivtb



2016 Union World Conference on Lung Health

*CDC's Division of Global HIV & TB
Presentations*

CDC Presentations and Abstracts

TITLE	PRESENTING AUTHOR Organization HQ/Country Email Address	CONFERENCE	DATE	TYPE	ABSTRACT NUMBER
Progress on updating WHO guidance on TB infection control	Paul Jensen CDC/DGHT GTB HQ pej4@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 26 8:00-14:30	T B D	Invited Presentation
The preserving effective TB treatment study (PETTS): methods, final results, conclusions, and policy implications	Peter Cegielski CDC/DGHT GTB HQ gzc2@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 7:30-8:45	Satellite Session	CDC Hosted Symposium
Evaluation of Access to Drug Susceptibility Testing for Previously Treated Tuberculosis Patients in Botswana, 2013-2014	Rosanna Boyd CDC Botswana icg7@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 10:30-12:00	■	A-823-0013-01058
Evaluation of Drug-Resistant Tuberculosis Surveillance - Botswana, 2014	Hannah Kirking CDC/DGHT GTB HQ hj7@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 12:15-12:20	□	A-823-0005-02389
Epidemiology of pediatric MDR TB in the United States, 1993-2014	Sarah L. Smith CDC/DGHT GTB HQ uyi7@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 12:20-12:25	■	A-823-0010-00457
Assessment of uptake of antiretroviral therapy among HIV-infected TB patients in Nigeria	Bethrand Odume CDC/DGHT Nigeria wmd9@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 12:35-12:40	□	A-823-0008-01919
Epidemiology of tuberculosis among persons born in the former Soviet Union living in the United States, 1993-2013	Julia Ershova CDC/DGHT GTB HQ jhe3@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 12:40-12:45	□	A-823-0015-01283
Ending TB transmission, stepping up TB infection control: lessons learned, opportunities in sight	Colleen Scott CDC/DGHT GTB HQ ibk9@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 27 15:15-16:45	Symposium	Invited Presentation
Interferon Gamma Release Assay is Associated with Disease Site and Death in Active TB	Sara C. Auld Emory (& CDC) GTB HQ sara.auld@emory.edu	47th Union World Liverpool, UK October 26-29, 2016	October 27 15:15-16:45	□	OA-349-27
Tuberculosis Prevalence and Incidence among People Living with HIV attending HIV Care and Treatment Clinics in Botswana, Aug 2012-Oct 2014	Alyssa Finlay CDC/DGHT GTB Vietnam ayf0@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 10:30-10:40	□	A-823-0015-00361
Improving the Quality and Usage of MDR TB Surveillance Data in South Africa	Deanna Tollefson CDC/DGHT GTB HQ vtu3@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 12:15-13:15	□	PD-962-28
Geospatial analyses of M tuberculosis transmission in Greater Gaborone, Botswana - - the Kopanyo Study	Patrick K. Moonan CDC/DGHT GTB HQ bng3@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 12:20-12:25	■	A-823-0015-00217
Susceptibilities of Multidrug Resistant Mycobacterium tuberculosis Culture Isolates to Unconventional Drugs	Joseph S. Cavanaugh CDC/DGHT GTB HQ hgi7@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 12:25-12:30	□	A-823-0013-00273
Phylogenetic diversity of Mycobacterium tuberculosis complex in Botswana	Eleanor Click CDC/DGHT GTB HQ ec09@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 12:30-12:35	■	A-823-0015-01350
Evaluation of diagnostic accuracy of Anyplex™ M TB/NTM/MDR-TB Detection with PrimeStore™ Transport Media—Thailand	Hannah L. Kirking CDC/DGHT GTB HQ hj7@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 13:00-13:05	□	A-823-0013-02397
Systematic Review and Meta-analysis of Clinical Outcomes of Drug Sensitive Tuberculosis Diagnosed by Xpert MTB/RIF and Smear Microscopy	Tefera Agizew CDC Botswana hod6@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 13:30-15:00	□	A-823-0006-00460
Serial molecular testing improves detection of tuberculosis in a low prevalence setting	Brian Baker CDC/DGHT GTB HQ izj4@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 13:50-14:00	□	A-823-0013-02455
Tuberculosis and Diabetes: Trends in Hospitalizations and Impact on Healthcare Costs in the United States	Michele L. Pearson CDC/DGHT GTB HQ mnp8@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 15:15-15:25	□	A-823-0012-01876
Timing of Acquired Resistance to Fluoroquinolones (FQ) and Second-Line Injectable Drugs (SLI) during Treatment of Multidrug-Resistant Tuberculosis	Peter Cegielski CDC/DGHT GTB HQ gzc2@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 15:15-15:25	□	A-823-0005-02425
Potential Impact of Anti-retroviral Therapy on Tuberculosis Incidence in HIV-Positive and HIV-Negative Persons - 26 Countries, Sub-Saharan Africa, 2010-2014	Diya Surie CDC/DGHT GTB HQ kz22@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 15:15-16:45	HIV-TB Late Breaker session	A-823-0036-03048
Mycobacterium bovis: global epidemiology, economic impact and perspectives on global public health policy	Patrick K. Moonan CDC/DGHT GTB HQ bng3@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 28 15:15-16:45	Symposium	Invited Presentation
High rates of ocular toxicity associated with ethambutol in the treatment of multidrug-resistant tuberculosis in South Africa	Kristin N. Nelson Emory (& CDC) GTB HQ kristin.nicole.bratton@emory.edu	47th Union World Liverpool, UK October 26-29, 2016	October 28 15:15-16:45	□	A-823-0005-00928
The Union/CDC late-breaker session on TB	Emily Bloss & Brian Baker CDC/DGHT GTB HQ dpw2@cdc.gov & izj4@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 10:30-12:00	Union/CDC Late Breaker Session on TB	CDC Hosted Oral Abstract Session
Biosafety and infection control in TB laboratories: challenges and solutions	Paul Jensen CDC/DGHT GTB HQ pej4@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 10:45-11:00	Symposium	Invited Presentation
National Anti-Tuberculosis Drug Resistance Survey in the Kingdom of Lesotho, 2013-2014	Julia Ershova CDC/DGHT GTB HQ jhe3@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 12:40-12:45	□	A-823-0013-01271
Using country of origin to prioritize testing for latent tuberculosis infection in the United States	Brian Baker CDC/DGHT GTB HQ izj4@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 12:45-12:50	□	A-823-0009-02452
Adverse events among patients treated for multidrug-resistant tuberculosis in the Philippines	Ekaterina Kurbatova CDC/DGHT GTB HQ tes3@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 12:55-13:00	■	A-823-0005-00215
TB screening and isoniazid preventive therapy for pregnant and breastfeeding women in resource-limited settings	Surbhi Modi CDC/DGHT MCH HQ bkt1@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 13:30-15:00	Symposium	Invited Presentation
Contribution of global tuberculosis (TB) to the burden of pediatric TB in the United States, 2007-2014	Victoria Cowger CDC/DGHT GTB HQ wvp0@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 14:40-14:50	□	A-823-0010-00898
The impact of connectivity solutions on key programmatic and laboratory indicators	Heather Alexander CDC/DGHT ILB HQ diz5@cdc.gov	47th Union World Liverpool, UK October 26-29, 2016	October 29 16:15-16:30	Symposium	Invited Presentation