TB Centre at the Union World Conference on Lung Health 2026

Explore our talks and posters

Tuesday · 5 Presentations

Comparative modelling examining the potential of different TB interventions to interrupt transmission and reduce disease burden in Brazil, India, and South Africa

Katherine Horton

TB Science presentation | Time: 16:15 – 17:26

Session: Understanding and interrupting drivers of transmission

Estimating the impact on TB resistance of delayed DST availability for bedaquiline in South Africa

Lara Goscé

Oral abstract presentation | Time: 16:45 – 18:15 | Venue: Americas II

Session: OA09 The slow rise of resistance to new TB drugs

Community perspectives and preferences for long-acting injectables for tuberculosis treatment and prevention: A multi-regional survey and focus group study

Chaelin Kim, Erin V. McConnell, Samuel G. Schumacher, Dennis Falzon, Lusiana Aprilawati, Jimmy Galarza, Edna Tembo, Lesia Tonkonoh, Gwen Knight, Finn McQuaid, Fuad Mirzayev, Nora West

Oral abstract presentation | Time: 12:19 – 12:30 | Venue: Asia II

Session: ECRA Early Career Researcher Award Oral Session

Reference: AS-UnionConf-2026-00597

Simple estimates of the short-term benefit of vaccination in IGRA- vs IGRA+ individuals in high TB burden settings

Tom Sumner, Rebecca Clark

E-poster | Time: 13:50–13:55 | Venue: E-P Screen 9 TBScience

Session: TBScience E-Poster session 1

Integrating a paediatric-optimised computer-aided detection (CAD) system into the WHO treatment decision algorithm (TDA-A) for childhood tuberculosis

Victory Edem, Dimple Davray, Schadrac Agbla, Esin Nkereuwem, Sheila A. Owusu, Abdou K. Sillah, Uzochukwu Egere, Beate Kampmann, Toyin Togun

Oral abstract presentation | Time: 11:30 - 13:00 | Venue: Asia II

Session: ECRA - Early Career Researcher Award Oral Session

Wednesday · 11 Presentations

Linking immunoreactivity to Mycobacterium tuberculosis infection

Alvaro Schwalb, Rebecca Clark, Tom Sumner, Katherine Horton, Mark Hatherill, Rein Houben, Richard White

E-poster | Time: 13:10-14:10 | Venue: E-P Screen 9

Session: TBScience E-Poster Session 5

Reference: EP-TBS-05

The potential epidemiological impact of vaccinating persons deprived of liberty with a new TB vaccine in Brazil

Lily O'Brien

E-poster | Time: 12:00 – 13:00 | Venue: E-P Screen 8

Session: Vaccination and other population approaches to TB prevention

Heterogeneity by sex, age, and urbanicity in tuberculosis screening in national TB prevalence surveys

Marta Cossa, Nicole Swartwood, Nick Menzies, Peter MacPherson, Katherine Horton

Oral abstract presentation | Time: 16:00 – 17:30

Session: Social factors: No ‘one size fits all’ approach to TB

Influence of setting and diagnostic pathway on disease severity among people diagnosed with symptomatic and asymptomatic tuberculosis in South Africa

N. McCreesh, I. Govender, M. Sithole, E.B. Wong, I. Buthelezi, W.A. Hanekom, G. Ording Jespersen, M.J. Siedner, A.D. Grant, P.Y. Khan

E-poster | Time: 12:00 – 13:00 | Venue: E-P Screen 1

Session: Finding asymptomatic TB and understanding its impact

Reference: AS-UnionConf-2026-00075

Estimating the population-level impact of varying vaccine delivery and efficacy by IGRA status in India and South Africa

Rebecca Clark

E-poster | Time: 12:00–13:00 | Venue: E-P Screen 8 (or 7, conflicting sources)

Session: Vaccination and other population approaches to TB prevention (EP15)

Modelling to disaggregate the indirect and direct effects of new TB vaccines over time

Tom Sumner, Rebecca Clark

E-poster | Time: 12:00–13:00 | Venue: E-P Screen 8 (or 7, conflicting sources)

Session: Vaccination and other population approaches to TB prevention (EP15)

Estimating the potential global health impacts of the 2025 WHO new TB vaccine demand scenarios

J. Ellis, R. Clark, T. Prys-Jones, T. Sumner, N. McCreesh, R. Bakker, R. White

E-poster | Time: 12:00–13:00 | Venue: E-P Screen 8

Session: Vaccination and other population approaches to TB prevention (EP15)

Reference: AS-UnionConf-2026-01709

Tailoring the minimum dataset for children and adolescents

Esin Nkereuwem

Symposium presentation | Time: 09:15 – 10:45 | Venue: Americas III

Session: A "minimum dataset" to propel the field of post-TB research forward

GLI race-neutral equations classify markedly more healthy Gambian school children as having abnormal spirometry than African-American equations

Esin Nkereuwem, Monica Genekah, Victory F. Edem, Olumuyiwa Owolabi, Helen Ameh, Kebba Badjan, Muhammed L. Jatta, Sheriff Kandeh, Umar Masterton, Fatou Sanyang, Beate Kampmann, Toyin Togun

Oral abstract presentation | Time: 16:00 – 17:30 | Venue: Asia IV

Session: Measuring holistic clinical Impact after TB

Increasing TB Case-Finding and Prevention in Thailand: A Phase IV Pragmatic Stepped-Wedge Cluster-Randomised Trial (CaPThai)

Daniel Grint

Oral abstract presentation | Time: 14:15 - 15:45 | Venue: Asia II

Session: Union Late-Breaker TB Clinical Trials Showcase

Reference: LB01

The intersection of social factors on Tuberculosis treatment outcomes: A national retrospective cohort study

Shahida K. Chowdhury, Enny S. Paixao, Elizabeth B. Brickley, Julia M. Pescarini

Oral abstract presentation | Time: 16:00 - 17:30 | Venue: Oceania VI/VII

Session: OA23 - Social Factors: No 'one size fits all' approach to TB

Thursday · 11 Presentations

Evaluating the potential benefits and harms of severity-based tuberculosis biomarkers for treatment shortening

Alvaro Schwalb, Martin Harker, Katherine Horton, Christian Lienhardt, Rein Houben

Oral abstract presentation | Time: 09:15-10:45 | Venue: Asia IV (275)

Session: Alchemy: Dose determination, safety, and adverse effects in preclinical and clinical TB trials

Reference: AS-UnionConf-2026-01119

Cluster randomised trials may markedly underestimate the impact of TB active case finding due to inter-cluster contamination: a modelling study

Kate LeGrand, Rebecca Clark, Roel Bakker, Tomos Prys-Jones, Tom Sumner, Palwasha Khan, Richard White, Nicky McCreesh

Oral abstract presentation | Time: 09:15-10:45 | Venue: Americas III (280)

Session: RIT/JATA Student Late-Breaker session on Lung Health

Reference: LB-UnionConf-2026-04409

Impact of disease stratification on people with TB and programmes

Katherine Horton

Symposium presentation | Time: 14:15 – 15:45

Session: Advancing treatment for drug-susceptible pulmonary TB: Moving beyond the one-size-fits-all paradigm

Potential to improve tuberculosis vaccine trial efficiency with symptomagnostic screening: A mathematical modelling study

Katherine Horton, Gavin Churchyard, Rein Houben, Richard White

Oral abstract presentation | Time: 16:25 – 17:25

Session: TBScience oral abstracts

Projected Impact of New TB Vaccination Under Various Stakeholder Informed Adolescent Delivery Scenarios in Indonesia

Lily O'Brien

E-poster | Time: 12:00 – 13:00 | Venue: E-P Screen 2

Session: Prioritising youth interventions to end TB

Progression from Mycobacterium tuberculosis infection to disease in children: A time-to-event analysis of contact-tracing cohorts

Thirapa Nivesvivat

E-poster | Time: 12:00-13:00 | Venue: E-P Screen 2

Session: Prioritising youth interventions to end TB

Population-level impact of a novel TB vaccine in LMICs

John Ellis et al., organised by Gavi

Satellite session presentation | Time: 17:45-19:15

Session: Delivering Future TB Vaccines: Modelling Impact, Enabling Access and Country Readiness

The potential effect of varying vaccine efficacy by nutritional status on population-level impact of introducing new TB vaccines in India

Elena Venero-Garcia, C. Finn McQuaid, Arkaprabha Gun, Lily O’Brien, Nicky McCreesh, Tom Sumner, Roel Bakker, Tomos Prys-Jones, Kirankumar Rade, Rein M. G. J. Houben, Richard G. White, Rebecca A. Clark.

E-poster | Time: 12:00-13:00 | Venue: E-P Screen 6

Reference: AS-UnionConf-2026-03258

The emergence of bedaquiline resistance under rollout of a future empiric pan-TB regimen: A multi-strain transmission model of South Africa

Chaelin Kim, Tess Ryckman, Abel Kjaersgaard, Lara Gosce, Elena Venero-Garcia, Lily O'Brien, Tom Sumner, Tomos Prys-Jones, Rein MGJ Houben, Emily A Kendall, Gwenan M Knight, C Finn McQuaid

Oral abstract presentation | Time: 10:20 – 10:30 | Venue: Americas III

Session: RIT/JATA Student Late-Breaker Session on Lung Health

Reference: LB-UnionConf-2026-04921

Effectiveness and safety of the CaPThai intervention: Impact on household contact TPT initiation, TPT completion and active TB disease case-finding

Daniel Grint

Symposium presentation | Time: 08:00 - 09:00 | Venue: Americas II

Session: SS08 Finding missing TB cases, preventing the next ones: Scaling household TB case-finding and preventive therapy in Thailand

Reference: SS08

Calibrating computer-aided detection (CAD) thresholds for paediatric pulmonary tuberculosis: A West African multicentre study

Sheila Agyeiwaa-Owusu, Madikoi Danso, Martina Boakarie, Sarjo Wassa Koita, Adwoa K.A. Afrane, Kwabena A. Osman, Mercy N. Anarfi, Arnauld Fiogbe, Victory F. Edem, Esin Nkereuwem, Schadrac Agbla, Toyin Togun.

Oral abstract presentation | Time: 09:34 - 09:42 | Venue: Europa II

Session: OA27 - Spotlight on pediatric TB: Tests and algorithms or tests, decision and algorithm

Reference: AS-UnionConf-2026-01842

Friday · 4 Presentations

TB prevention in the context of our evolving understanding of TB natural history

Alvaro Schwalb

Symposium presentation | Time: 09:15-10:45 | Venue: Segovia II (420)

Session: Re-thinking the value of tuberculosis prevention in lower incidence settings

Reference: SESS-UnionConf-2026-01141

Cluster randomised trials may markedly underestimate the impact of TB active case finding due to inter-cluster contamination: a modelling study

Kate LeGrand, Rebecca Clark, Roel Bakker, Tomos Prys-Jones, Tom Sumner, Palwasha Khan, Richard White, Nicky McCreesh

E-poster | Time: 12:00-13:00 | Venue: E-P Screen 9

Session: TBScience E-Poster session 12

Reference: AS-TBS-2026-05273

Individual benefit/risk and population health impact and cost-effectiveness modelling to support decision-making for new TB vaccines

Rebecca Clark

Symposium presentation | Time: 16:33 – 16:47 | Venue: Oceania VI/VII

Session: Scenario Planning for Novel Tuberculosis Vaccine Policy Decisions

The emergence of bedaquiline resistance under rollout of a future empiric pan-TB regimen: A multi-strain transmission model of South Africa

Chaelin Kim, Tess Ryckman, Abel Kjaersgaard, Lara Gosce, Elena Venero-Garcia, Lily O'Brien, Tom Sumner, Tomos Prys-Jones, Rein MGJ Houben, Emily A Kendall, Gwenan M Knight, C Finn McQuaid

Moderated e poster | Time: 10:30 – 10:35 | Venue: E-P Screen 9 TBScience

Session: TBScience E-Poster session 11

Reference: AS-TBS-2026-04936

Others· 9 Presentations

Intention of caregivers to accept novel TB vaccines: Insights from a global cross-sectional survey

Kathy Thomas, Rebecca Clark, Richard White, Heidi Larson, Alex De Figueiredo

E-poster

Reference: AS-UnionConf-2026-00513

Characteristics of asymptomatic TB for symptom-agnostic endpoint adolescent/adult TB vaccine licensure trials: a narrative review for the WHO Technical Advisory Group

Richard White, Akbar Fotouhi, Clara Suñer, Kristin Nelson, Sonali Kochhar, Alberto Garcia-Basteiro, Charlotte R Doran, Rumina Hasan, Willem Hanekom, Mark Hatherill, Morten Ruhwald, Giovanni Sotgiu, Birgitte Giersing, Saskia Den Boon, Gavin Churchyard

Moderated e poster

Reference: AS-TBS-2026-00079

Host and lineage variation in anti-tuberculosis drug response across the Mycobacterium tuberculosis Complex

Fatou Faal

E-poster

Reference: AS-TBS-2026-03106

Macrophage differentiation and Mycobacterium tuberculosis complex lineages determine responses to tyrosine kinase inhibitor host-directed therapy

Naffie Top

Oral abstract presentation

Reference: AS-TBS-2026-03174

Minority bedaquiline-resistant variants at ≥10% relative abundance may increase the risk of unfavourable rifampicin-resistant tuberculosis outcomes

Palwasha Khan

Oral abstract presentation

Reference: AS-TBS-2026-05053

Optimising composite triage strategies combining symptom screening and computer-aided chest radiograph detection for community-based active TB case-finding in Pakistan

Annum Aftab (IRD), Palwasha Khan

Oral abstract presentation

A Context-Specific GIS Framework for Targeting TB Active Case Finding in Peri-Urban and Rural Pakistan

Nabeel Nisar (IRD), Palwasha Khan

Oral abstract presentation

AI-generated chest x-ray scores and bacteriological burden among people with Xpert Ultra-confirmed tuberculosis identified through active case finding in Sindh, Pakistan

Annum Aftab (IRD), Palwasha Khan

E-poster

Clinical significance of bedaquiline resistance mutations classified as "interim" or by "expert rule" among treatment-naive people with rifampicin-resistant tuberculosis in South Africa

Palwasha Khan

E-poster

Reference: AS-TBS-2026-00696