

Resource Summary Report

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TB PORTALS

RRID:SCR_016594

Type: Tool

Proper Citation

TB PORTALS (RRID:SCR_016594)

Resource Information

URL: <https://tbportals.niaid.nih.gov>

Proper Citation: TB PORTALS (RRID:SCR_016594)

Description: Web based open access platform for global drug resistant tuberculosis data sharing and analysis. The NIAID TB Portals program and consortium of clinicians and scientists from countries with a heavy burden of TB, especially drug resistant TB, to collect TB data.

Resource Type: consortium, data or information resource, data repository, disease-related portal, organization portal, portal, service resource, storage service resource, topical portal

Defining Citation: [DOI:10.1128/JCM.01013-17](https://doi.org/10.1128/JCM.01013-17)

Keywords: collect, data, sharing, analysis, tuberculosis, global, bio.tools

Related Condition: tuberculosis

Funding: NIH

Availability: Free, Freely available

Resource Name: TB PORTALS

Resource ID: SCR_016594

Alternate IDs: r3d100013925, biotools:TB_Portals

Alternate URLs: https://bio.tools/TB_Portals, <https://doi.org/10.17616/R31NJN8L>

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260912T195842+0000

Ratings and Alerts

No rating or validation information has been found for TB PORTALS.

No alerts have been found for TB PORTALS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Tang SN, et al. (2026) Differences in pulmonary cavity features among drug-sensitive pulmonary tuberculosis and multidrug/extensively-resistant pulmonary tuberculosis: a multi-national multi-center computed tomography-based study. *Journal of thoracic disease*, 18(2), 56.

Mudzengi D, et al. (2026) panTB-HM: a multi-arm clinical trial of a pan-TB regimen targeting both host and microbe. *Trials*, 27(1).

Ding Z, et al. (2026) Refining weak supervision for robust lung cavity segmentation: A graph-affinity method with boundary constraints. *PloS one*, 21(2), e0341717.

Tang SN, et al. (2025) Differences in pulmonary nodular consolidation features among drug-sensitive pulmonary tuberculosis and multidrug/extensively-resistant pulmonary tuberculosis: a multi-national multi-center study. *Journal of thoracic disease*, 17(10), 7498.

Chimal-Muñoz M, et al. (2025) Whole-Genome Sequence Analysis to Assess Mutations in Efflux Pumps in *Mycobacterium tuberculosis*: The Influence in Drug Resistance. *Microorganisms*, 13(6).

Couvin D, et al. (2025) Molecular typing of *Mycobacterium tuberculosis*: a review of current methods, databases, softwares, and analytical tools. *FEMS microbiology reviews*, 49.

Bassi PRAS, et al. (2024) Improving deep neural network generalization and robustness to background bias via layer-wise relevance propagation optimization. *Nature communications*, 15(1), 291.

Sambarey A, et al. (2024) Integrative analysis of multimodal patient data identifies personalized predictors of tuberculosis treatment prognosis. *iScience*, 27(2), 109025.

Sethanan K, et al. (2023) Computer-aided diagnosis using embedded ensemble deep learning for multiclass drug-resistant tuberculosis classification. *Frontiers in medicine*, 10, 1122222.

- Bui VCB, et al. (2023) Combining Radiological and Genomic TB Portals Data for Drug Resistance Analysis. IEEE access : practical innovations, open solutions, 11, 84228.
- Karki M, et al. (2022) Generalization Challenges in Drug-Resistant Tuberculosis Detection from Chest X-rays. Diagnostics (Basel, Switzerland), 12(1).
- Tan H, et al. (2022) Discriminating TB lung nodules from early lung cancers using deep learning. BMC medical informatics and decision making, 22(1), 161.
- Bermudez-Hernández GA, et al. (2022) Whole genome sequencing analysis to evaluate the influence of T2DM on polymorphisms associated with drug resistance in M. tuberculosis. BMC genomics, 23(1), 465.
- Yan C, et al. (2022) A fully automatic artificial intelligence-based CT image analysis system for accurate detection, diagnosis, and quantitative severity evaluation of pulmonary tuberculosis. European radiology, 32(4), 2188.
- Prasitpuriprecha C, et al. (2022) Drug-Resistant Tuberculosis Treatment Recommendation, and Multi-Class Tuberculosis Detection and Classification Using Ensemble Deep Learning-Based System. Pharmaceuticals (Basel, Switzerland), 16(1).
- Long A, et al. (2021) The technology behind TB DEPOT: a novel public analytics platform integrating tuberculosis clinical, genomic, and radiological data for visual and statistical exploration. Journal of the American Medical Informatics Association : JAMIA, 28(1), 71.
- Zwyer M, et al. (2021) A new nomenclature for the livestock-associated Mycobacterium tuberculosis complex based on phylogenomics. Open research Europe, 1, 100.
- Ejalonibu MA, et al. (2021) Drug Discovery for Mycobacterium tuberculosis Using Structure-Based Computer-Aided Drug Design Approach. International journal of molecular sciences, 22(24).
- Macalino SJY, et al. (2020) In Silico Strategies in Tuberculosis Drug Discovery. Molecules (Basel, Switzerland), 25(3).
- Engle E, et al. (2020) Performance of Qure.ai automatic classifiers against a large annotated database of patients with diverse forms of tuberculosis. PloS one, 15(1), e0224445.