

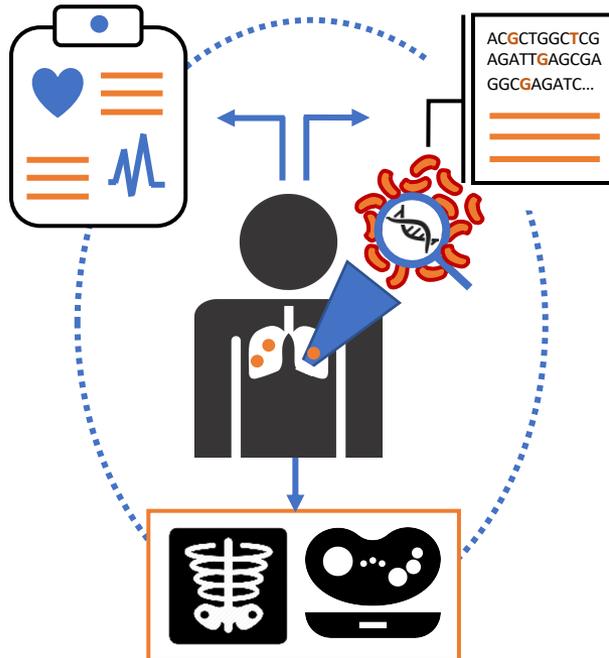
TB PORTALS

Open-access, global TB data sharing, visualization & analysis

INTEGRATED TB PATIENT CASE DATA

Access to 3,000+ TB patient cases; 70% MDR or XDR-TB, 15 countries

Cases include:



Clinical data

- Patient information
- DST results
- Outcome
- Treatment history
- Comorbidities

Mtb genomic data

- Whole genome sequences from 1,900+ cases
- Lineage classification
- Drug-resistance conferring SNPs

Imaging data

- ~ 5,000 chest X-rays and CT studies
- Radiologist annotations
- Computerized annotations

ANALYTICAL TOOLS

Perform meta-domain and domain-specific analyses

TB PORTALS DEPOT • Search and visualize TB Portals data through using 170+ descriptors

- Perform comparative statistical analysis of user-selected patient case groups across all TB Portals data

TB PORTALS G-AP • Predict drug resistance from *Mtb* genomic data

- Identify genomic variation between patient case groups through GWAS analysis

TB PORTALS R-AP • View X-rays from TB Portals cases and cohorts in a timeseries

- Identify chest X-rays of interest and define cohorts using form-based selection of CXR annotations