

SDI 1046-1055_21: Articles Alert | Tuberculosis

1. [Parallel in vivo experimental evolution reveals that increased stress resistance was key for the emergence of persistent **tuberculosis** bacilli](#)

AC Allen, W Malaga, C Gaudin, A Volle, F Moreau... - Nature Microbiology, 2021

2. [Single cell analysis of M. **tuberculosis** phenotype and macrophage lineages in the infected lung](#)

D Pisu, L Huang, V Narang, M Theriault, G Lê-Bury... - Journal of Experimental ..., 2021

3. [Genome-wide gene expression tuning reveals diverse vulnerabilities of M. **tuberculosis**](#)

B Bosch, MA DeJesus, NC Poulton, W Zhang... - Cell, 2021

4. [A Comprehensive Map of Mycobacterium **tuberculosis** Complex Regions of Difference](#)

D Bespyatykh, J Bespyatykh, I Mokrousov, E Shitikov - mSphere, 2021

5. [The effect of empirical and laboratory-confirmed **tuberculosis** on treatment outcomes](#)

Abdullahi, N Moses, D Sanga, W Annie - Scientific Reports, 2021

6. [Cost-effectiveness of artificial intelligence monitoring for active **tuberculosis** treatment: A modeling study](#)

J Salcedo, M Rosales, JS Kim, D Nuno, S Suen... - PloS one, 2021

7. [Use of blood matrices and alternative biological fluids for antibody detection in animal **tuberculosis**](#)

KP Lyashchenko, A Sikar-Gang, AA Sridhara... - Veterinary Immunology and ..., 2021

8. [Moxifloxacin pharmacokinetics, cardiac safety, and dosing for the treatment of rifampicin-resistant **tuberculosis** in children](#)

KK Radtke, AC Hesselning, JL Winckler, HR Draper... - Clinical Infectious Diseases, 2021

9. [Establishment of a Patient-Derived, Magnetic Levitation-Based, Three-Dimensional Spheroid Granuloma Model for Human **Tuberculosis**](#)

LA Kotze, CGG Beltran, D Lang, AG Loxton, S Cooper... - mSphere, 2021

10. [Development of a random forest model to classify sarcoidosis and **tuberculosis**](#)

J Ma, H Yin, X Hao, W Sha, H Cui - American Journal of Translational Research, 2021

SDI 1058-1068_21: Articles Alert | Tuberculosis

1. [Toward Point-of-Care Detection of Mycobacterium **tuberculosis**: A Brighter Solvatochromic Probe Detects Mycobacteria within Minutes](#)

M Kamariza, SGL Keyser, A Utz, BD Knapp, C Ealand... - JACS Au, 2021

2. [Field evaluation of a prototype **tuberculosis** lipoarabinomannan lateral flow assay on HIV-positive and HIV-negative patients](#)

JT Connelly, A Andama, BD Grant, A Ball, S Mwebe... - PloS one, 2021

3. [Natural products from Brazilian biodiversity identified as potential inhibitors of PknA and PknB of M. **tuberculosis** using molecular modeling tools](#)

SS Antunes, VWH Rabelo, NC Romeiro - Computers in Biology and Medicine, 2021

4. [Fluorescent Semiconductor Nanorods for the Solid-Phase Polymerase Chain Reaction-Based, Multiplexed Gene Detection of Mycobacterium **tuberculosis**](#)

SA Ibrahim, Y Chan - ACS Applied Materials & Interfaces, 2021

5. [Activity of Pyrazinamide against Mycobacterium **tuberculosis** at Neutral pH in PZA-S1 Minimal Medium](#)

W Shi - Antibiotics, 2021

6. [Structural insights into the substrate-binding proteins Mce1A and Mce4A from Mycobacterium **tuberculosis**](#)

P Asthana, D Singh, JS Pedersen, MJ Hynönen, R Sulu... - IUCrJ, 2021

7. [Digital chest radiography enhances screening efficiency for pulmonary **tuberculosis** in primary health clinics, South Africa](#)

N Moodley, K Velen, A Saimen, N Zakhura... - Clinical Infectious Diseases, 2021

8. [Challenge of biosensors in Mycobacterium Tuberculosis](#)

S Mazraedoost, R Masoumzade, Z Javidi - Advances in Applied NanoBio ..., 2021

9. [Microbiological Diagnosis of Tuberculosis Disease](#)

R Alagna, AM Cabibbe, E Tortoli, DM Cirillo - Essential Tuberculosis, 2021

10. [Whole Genome Sequencing Refines Knowledge on the Population Structure of Mycobacterium bovis from a Multi-Host Tuberculosis System](#)

AC Reis, L Salvador, S Robbe-Austerman, R Tenreiro... - Microorganisms, 2021

[11. Ex-vivo immunophenotyping and high dimensionality UMAP analysis of leucocyte subsets in tuberculous lymphadenitis](#)

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