



2021 Vol.15(16)



TB ALERT

(a fortnightly publication from NIRT Library)

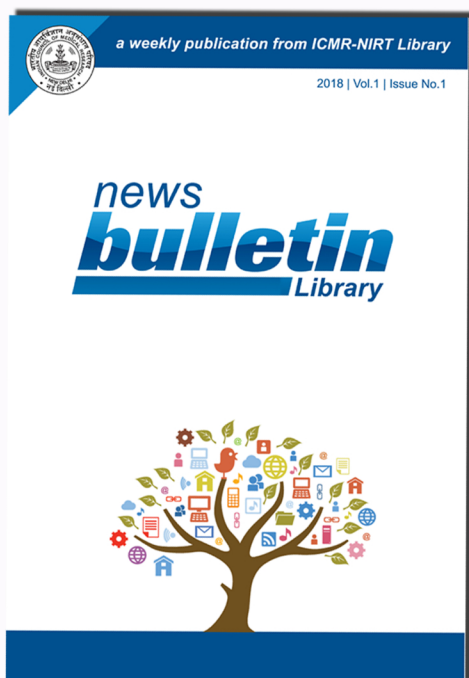
ICMR-National Institute for Research in Tuberculosis



1. Ali W, Jamal S, Grover A, Grover S. Insights into the mutations leading to capreomycin resistance in S-adenosyl-L-methionine binding motif in TlyA from Mycobacterium tuberculosis. *J Biomol Struct Dyn*. 2021;1-9. <https://www.ncbi.nlm.nih.gov/pubmed/34463210>.
2. Allen R, Calderon M, Moore DAJ, Gaskell KM, Curisincbe-Rojas M, Lopez S. Feasibility of an mobile application as a tool for multidrug-resistant tuberculosis contact monitoring in Peru. *Rev Peru Med Exp Salud Publica*. 2021;38(2):272-7. <https://www.ncbi.nlm.nih.gov/pubmed/34468575>.
3. Anwaierjiang A, Wang Q, Liu H, Yin C, Xu M, Li M, et al. Prevalence and Molecular Characteristics Based on Whole Genome Sequencing of Mycobacterium tuberculosis Resistant to Four Anti-Tuberculosis Drugs from Southern Xinjiang, China. *Infect Drug Resist*. 2021;14:3379-91. <https://www.ncbi.nlm.nih.gov/pubmed/34466004>.
4. Ashraf M, Goh WA, Tan EMX, Nadarajah R. Co-existent abdominoperitoneal tuberculosis with endometrial cancer: A diagnostic and surgical challenge. *Gynecol Oncol Rep*. 2021;37:100848. <https://www.ncbi.nlm.nih.gov/pubmed/34466649>.
5. Bilmumad B, Liabsuetrakul T, Ngamtrairai N, Chongsuvivatwong V. Pulmonary tuberculosis among prisoners in Southern Thailand: prevalence and its association with imprisonment status. *Int J Prison Health*. 2021;ahead-of-print(ahead-of-print). <https://www.ncbi.nlm.nih.gov/pubmed/34464526>.
6. Chatzitaki AT, Mystiridou E, Bouropoulos N, Ritzoulis C, Karavasili C, Fatouros DG. Semi-solid extrusion 3D printing of starch-based soft dosage forms for the treatment of paediatric latent tuberculosis infection. *J Pharm Pharmacol*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34468746>.
7. Chen Y, Ji L, Liu Q, Li J, Hong C, Jiang Q, et al. Lesion Heterogeneity and Long-Term Heteroresistance in Multidrug-Resistant Tuberculosis. *J Infect Dis*. 2021;224(5):889-93. <https://www.ncbi.nlm.nih.gov/pubmed/34467983>.
8. de Vargas KR, Freitas AA, Azeredo ACV, Silva DR. Smoking prevalence and effects on treatment outcomes in patients with tuberculosis. *Rev Assoc Med Bras (1992)*. 2021;67(3):406-10. <https://www.ncbi.nlm.nih.gov/pubmed/34468606>.
9. Garg B, Mehta N, Mukherjee RN, Swamy AM, Siamwala BS, Malik G. Epidemiological Insights from 1,652 Patients with Spinal Tuberculosis Managed at a Single Center: A Retrospective Review of 5-Year Data. *Asian Spine J*. 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34461687>.
10. Groschel MI, Owens M, Freschi L, Vargas R, Jr., Marin MG, Phelan J, et al. GenTB: A user-friendly genome-based predictor for tuberculosis resistance powered by machine learning. *Genome Med*. 2021;13(1):138. <https://www.ncbi.nlm.nih.gov/pubmed/34461978>.
11. Han J, Yuan L, Li J, Liang C, Zhang D, Mei Z. Transbronchial tuberculosis cavity plugging therapy for pulmonary tuberculosis. *J Int Med Res*. 2021;49(8):3000605211035889. <https://www.ncbi.nlm.nih.gov/pubmed/34463564>.

12. Herawati F, Fahmi EY, Pratiwi NA, Ramdani D, Jaelani AK, Yulia R, et al. Oral anti-tuberculosis drugs: An urgent medication reconciliation at hospitals in Indonesia. *J Public Health Res.* 2021;10(3). <https://www.ncbi.nlm.nih.gov/pubmed/34463088>.
13. Hoel IM, Ali IAM, Ishtiaq S, Sviland L, Wiker H, Mustafa T. Immunochemistry-Based Diagnosis of Extrapulmonary Tuberculosis: A Strategy for Large-Scale Production of MPT64-Antibodies for Use in the MPT64 Antigen Detection Test. *Antibodies (Base)*. 2021;10(3). <https://www.ncbi.nlm.nih.gov/pubmed/34462410>.
14. Isralls S, Baisley K, Ngam E, Grant AD, Millard J. QT Interval Prolongation in People Treated With Bedaquiline for Drug-Resistant Tuberculosis Under Programmatic Conditions: A Retrospective Cohort Study. *Open Forum Infect Dis.* 2021;8(8):ofab413. <https://www.ncbi.nlm.nih.gov/pubmed/34466629>.
15. Keikha M, Majidzadeh M. Beijing genotype of Mycobacterium tuberculosis is associated with extensively drug-resistant tuberculosis: A global analysis. *New Microbes New Infect.* 2021;43:100921. <https://www.ncbi.nlm.nih.gov/pubmed/34466269>.
16. Kerkhoff AD, Kagujje M, Nyangu S, Mateyo K, Sanjase N, Chilukutu L, et al. Pathways to care and preferences for improving tuberculosis services among tuberculosis patients in Zambia: A discrete choice experiment. *PLoS One.* 2021;16(8):e0252095. <https://www.ncbi.nlm.nih.gov/pubmed/34464392>.
17. Khan A, Sayedahmed EE, Singh VK, Mishra A, Dorta-Estremera S, Nookala S, et al. A recombinant bovine adenoviral mucosal vaccine expressing mycobacterial antigen-85B generates robust protection against tuberculosis in mice. *Cell Rep Med.* 2021;2(8):100372. <https://www.ncbi.nlm.nih.gov/pubmed/34467249>.
18. Kotze LA, Leukes VN, Fang Z, Lutz MB, Fitzgerald BL, Belisle J, et al. Evaluation of autophagy mediators in myeloid-derived suppressor cells during human tuberculosis. *Cell Immunol.* 2021;369:104426. <https://www.ncbi.nlm.nih.gov/pubmed/34469846>.
19. Kraef C, Bentzon A, Skrahina A, Mocroft A, Peters L, Lundgren JD, et al. Improving healthcare for patients with HIV, tuberculosis and hepatitis C in eastern Europe: a review of current challenges and important next steps. *HIV Med.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34468073>.
20. Larkins-Ford J, Greenstein T, Van N, Degefu YN, Olson MC, Sokolov A, et al. Systematic measurement of combination-drug landscapes to predict in vivo treatment outcomes for tuberculosis. *Cell Syst.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34469743>.
21. Liu WD, Wang JT, Hung CC, Chang SC. Accelerated progression of pulmonary tuberculosis in a COVID-19 patient after corticosteroid treatment. *J Microbiol Immunol Infect.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34462222>.
22. Madugula SS, Nagamani S, Jamir E, Priyadarsinee L, Sastry GN. Drug repositioning for anti-tuberculosis drugs: an in silico polypharmacology approach. *Mol Divers.* 2021. <https://www.ncbi.nlm.nih.gov/pubmed/34468898>.

23. Merker M, Egbe NF, Ngangue YR, Vuchas C, Kohl TA, Dreyer V, et al. Transmission patterns of rifampicin resistant Mycobacterium tuberculosis complex strains in Cameroon: a genomic epidemiological study. *BMC Infect Dis.* 2021;21(1):891. <https://www.ncbi.nlm.nih.gov/pubmed/34465301>.
24. Minnies S, Reeve BWP, Rockman L, Nyawo G, Naidoo CC, Kitchin N, et al. Xpert MTB/RIF Ultra is highly sensitive for the diagnosis of tuberculosis lymphadenitis in an HIV-endemic setting. *J Clin Microbiol.* 2021;JCM0131621. <https://www.ncbi.nlm.nih.gov/pubmed/34469182>.
25. Olawoye IB, Uwanibe JN, Kunle-Ope CN, Davies-Bolorunduro OF, Abiodun TA, Audu RA, et al. Whole genome sequencing of clinical samples reveals extensively drug resistant tuberculosis (XDR TB) strains from the Beijing lineage in Nigeria, West Africa. *Sci Rep.* 2021;11(1):17387. <https://www.ncbi.nlm.nih.gov/pubmed/34462504>.
26. Petrella F. The present role of the thoracic surgeon in the diagnostic workup of tuberculosis. *Pol Arch Intern Med.* 2021;131(7-8):615-6. <https://www.ncbi.nlm.nih.gov/pubmed/34463081>.
27. Silva MSD, Arcoverde MAM, Andrade RLP, Zilly A, Villa TCS, Silva-Sobrinho RA. Information system on tuberculosis: data completeness spatial analysis in the state of Parana, Brazil. *Rev Esc Enferm USP.* 2021;55:e20200538. <https://www.ncbi.nlm.nih.gov/pubmed/34464433>.
28. Suder JS. Low Incidence and High Profile: Tuberculosis Control in Delaware. *Dela J Public Health.* 2019;5(2):60-2. <https://www.ncbi.nlm.nih.gov/pubmed/34467030>.
29. Udomsinprasert W, Sakuntasri W, Jittikoon J, Chaikledkaew U, Honsawek S, Chantratita W, et al. Global DNA hypomethylation of Alu and LINE-1 transposable elements as an epigenetic biomarker of anti-tuberculosis drug-induced liver injury. *Emerg Microbes Infect.* 2021:1-32. <https://www.ncbi.nlm.nih.gov/pubmed/34467830>.
30. Ugarte-Gil C, Curisinche M, Herrera-Flores E, Hernandez H, Rios J. Situation of the tuberculosis-diabetes comorbidity in adults in Peru: 2016-2018. *Rev Peru Med Exp Salud Publica.* 2021;38(2):254-60. <https://www.ncbi.nlm.nih.gov/pubmed/34468572>.
31. Wotale TW, Terefe AN, Fufa JA. Modeling Time to Death of Patients with Multidrug-Resistant Tuberculosis at Saint Peter's Specialized Hospital. *J Res Health Sci.* 2021;21(2):e00513. <https://www.ncbi.nlm.nih.gov/pubmed/34465635>.
32. Wu D, Li Y, Ren Q, Pei S, Wang L, Yang L, et al. TANC1 methylation as a novel biomarker for the diagnosis of patients with anti-tuberculosis drug-induced liver injury. *Sci Rep.* 2021;11(1):17423. <https://www.ncbi.nlm.nih.gov/pubmed/34465797>.
33. Zhao Y, Zhang J, Xue B, Zhang F, Xu Q, Ma H, et al. Serum levels of inhibitory costimulatory molecules and correlations with levels of innate immune cytokines in patients with pulmonary tuberculosis. *J Int Med Res.* 2021;49(8):3000605211036832. <https://www.ncbi.nlm.nih.gov/pubmed/34463584>.
34. Zhu Z, Zhang M, Li Y. Anti-tuberculosis drug-induced acute liver failure requiring transplantation in the second trimester of pregnancy: a case report. *BMC Pregnancy Childbirth.* 2021;21(1):592. <https://www.ncbi.nlm.nih.gov/pubmed/34465292>.



our other publications...



NIRT Library
National Institute for Research in Tuberculosis
(Indian Council of Medical Research)
1, Mayor Sathyamoorthy Road
Chetpet, Chennai 600031
Tel: 91 44 28369637 | Fax: 91 44 28362525
Email: nirtlibrary@nirt.res.in