

SDI 1036-1045-21-Articles Alert-Tuberculosis

1. [Reducing the risk of **tuberculosis** transmission for HCWs in high incidence settings](#)

A Paleckyte, O Dissanayake, S Mpagama, MC Lipman... - Antimicrobial Resistance & ..., 2021

2. [Enhancing the weighted voting ensemble algorithm for **tuberculosis** predictive diagnosis](#)

VC Osamor, AF Okezie - Scientific Reports, 2021

3. [Genomic-based surveillance reveals high ongoing transmission of multidrug-resistant *Mycobacterium tuberculosis* in Southern Brazil](#)

RS Salvato, AJ Reis, SH Schiefelbein, MAA Gómez... - International Journal of ..., 2021

4. [MiR-342 controls *Mycobacterium tuberculosis* susceptibility by modulating inflammation and cell death](#)

B Fu, X Lin, S Tan, R Zhang, W Xue, H Zhang, S Zhang... - EMBO reports, 2021

5. [Treatment Outcomes and Associated Factors in **Tuberculosis** Patients at Atwima Nwabiagya District, Ashanti Region, Ghana: A Ten-Year Retrospective Study](#)

SA Agyare, FA Osei, SF Odoom, NK Mensah... - **Tuberculosis** Research and ..., 2021

6. [Acute tubulointerstitial nephritis in a patient with early bronchial **tuberculosis**](#)

Y Furuto, H Hashimoto, M Kawamura, J Yamashita... - Journal of the Formosan ..., 2021

7. [Association of Ventilatory Disorders with Respiratory Symptoms, Physical Activity, and Quality of Life in Subjects with Prior **Tuberculosis**: A National Database Study in ...](#)

B Yang, H Choi, SH Shin, Y Kim, JY Moon, HY Park... - Journal of Personalized ..., 2021

8. [Prevalence of latent **tuberculosis** and associated factors in patients with chronic kidney disease on hemodialysis](#)

V Ferreira, CD Fonseca, VR Bollela, EA Romão... - Revista Latino-Americana ..., 2021

9. [Safety, efficacy, and serum concentration monitoring of bedaquiline in Chinese patients with multidrug-resistant tuberculosis](#)

J Li, G Yang, Q Cai, Y Wang, Y Xu, R Zhang, Y Lang... - International Journal of ..., 2021

10. [Impact of the GeneXpert® MTB/RIF rapid molecular test on tuberculosis detection: temporal trends and vulnerable territories](#)

TZ Berra, ATI Bruce, YM Alves, ACV Ramos... - Revista Latino-Americana ..., 2021

Fwd: CAS 134-21: New Issue | Tuberculosis | Volume 129 | Available Online | SciDir

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New Issue: Tuberculosis

New issue available on ScienceDirect



Tuberculosis

Volume 129 , July 2021

Drug resistance, fitness and compensatory mutations in Mycobacterium tuberculosis

Article Number 102091

Amel Kevin Alame Emame, Xujun Guo, Howard E. Takiff, Shengyuan Liu

Highly transmitted *M. tuberculosis* strains are more likely to evolve MDR/XDR and cause outbreaks, but what makes them highly transmitted?

Article Number 102092

Amel Kevin Alame Emane, Xujun Guo, Howard E. Takiff, Shengyuan Liu

Molecular Aspects

Using genomic DNA copies to enumerate *Mycobacterium tuberculosis* load in macaque tissue samples

Article Number 102102

Danicke Willemse, Deepak Kaushal

Immunological Aspects

ASAP1 regulates the uptake of *Mycobacterium tuberculosis* H37Ra in THP1-derived macrophages by remodeling actin cytoskeleton

Article Number 102090

Jia Cui, Guangxin Chen, Zhonghua Zhao, Liqing Wang, Da Wen, Li Xing, Changxin Wu

Biomarkers to predict FDG PET/CT activity after the standard duration of treatment for spinal tuberculosis: An exploratory study

Article Number 102107

Theresa N. Mann, James Warwick, Novel N. Chegou, Johan H. Davis, Caroline G.G. Beltran,

Stephanie Griffith-Richards, Martin Kidd, Jacques du Toit, Robert P. Lamberts, Gerhard Walzl

NF- κ B-mediated TET2-dependent *TNF* promoter demethylation drives *Mtb*-upregulation *TNF* expression in macrophages

Article Number 102108

Chuanzhi Zhu, Yi Cai, Siwei Mo, Jialou Zhu, Wenfei Wang, Bin Peng, Jiubiao Guo, Zongde Zhang, Xinchun Chen

Diagnostics

Screening of 20 *Mycobacterium tuberculosis* sRNAs in plasma for detection of active pulmonary tuberculosis

Article Number 102086

Xue Han, Ting Li, Yunfan Fan, Xinyang Wang, Wei Gu, Weinan Lu, Yian Yin, Qingtai Meng, Wenli Zhang, Jizi Zhao, Fengmin Zhang, Yingmei Fu

Potential biomarker enhancing the activity of tuberculosis, *hsa-miR-346*

Article Number 102101

Shunsuke Uno, Tomoyasu Nishimura, Kazumi Nishio, Asami Kohsaka, Eiko Tamizu, Yasushi Nakano, Junko Kagyo, Yukiko Nakajima, Ryosuke Arai, Hanako Hasegawa, Kenichi Arakawa, Shoko Kashimura, Ryota Ishii, Naoki Miyazaki, Yoshifumi Uwamino, Naoki Hasegawa

Supplementation of sputum cultures with culture filtrate to detect tuberculosis in a cross-sectional study of HIV-infected individuals

Article Number 102103

Reinvestigation of the structure-activity relationships of isoniazid

Article Number 102100

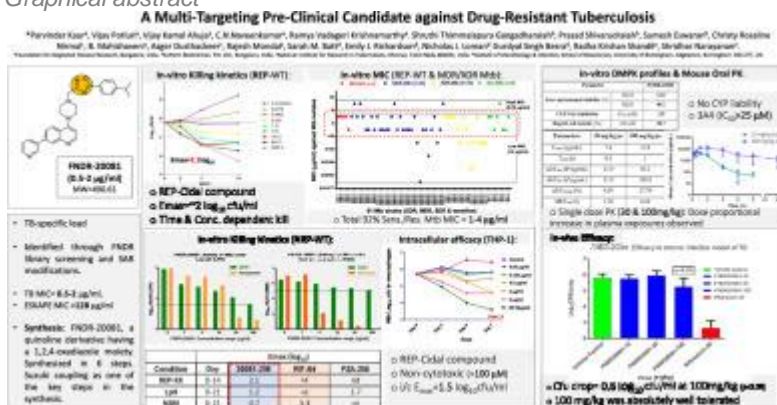
Pooja Hegde, Helena I.M. Boshoff, Yudi Rusman, Wassihun Wedajo Aragaw, Christine E. Salomon, Thomas Dick, Courtney C. Aldrich

A multi-targeting pre-clinical candidate against drug-resistant tuberculosis

Article Number 102104

Parvinder Kaur, Vijay Potluri, Vijay Kamal Ahuja, C.N. Naveenkumar, Ramya Vadageri Krishnamurthy, Shruthi Thimmalapura Gangadharaiyah, Prasad Shivarudraiah, Sumesh Eswaran, Christy Rosaline Nirmal, Balasubramanian Mahizhaveni, Azger Dusthacker, Rajesh Mondal, Sarah M. Batt, Emily J. Richardson, Nicholas J. Loman, Gurdyal Singh Besra, Radha Krishan Shandil, Shridhar Narayanan

Graphical abstract



[Production of antibiotic resistance gene-free urease-deficient recombinant BCG that secretes antigenic protein applicable for practical use in tuberculosis vaccination](#)

Article Number 102105

Yuji Miyamoto, Yumiko Tsukamoto, Yumi Maeda, Toshiki Tamura, Tetsu Mukai, Manabu Ato, Masahiko Makino

[Characterization of genetic diversity and clonal complexes by whole genome sequencing of *Mycobacterium tuberculosis* isolates from Jalisco, Mexico](#)

Article Number 102106

Luis Alfredo Rendón-Bautista, Ikuri Álvarez-Maya, Manuel Sandoval-Díaz, Juan Carlos Villanueva-Arias, Natividad Ayala-Chavira, Roberto Zenteno-Cuevas

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Fwd: SDI 1035-21: New Article | IN PRESS | IJT | 24 July

ScienceDirect

Alert: Indian Journal of Tuberculosis

New Articles available on ScienceDirect

Unusual presentations of Abdominal Tuberculosis: a case series of clinical mysteries

Short communication

Available Online 24 July 2021

Dr Radhika Nittala, Dr Manas Kumar Behera, Dr Manoj Kumar Sahu, Dr Jimmy Narayan, Dr Debakanta Mishra, Dr Adya K Panda, Dr Ayaskant Singh, Dr Girish Kumar Pati, Dr Ram Gopal Teja

New Articles in Press, 24 July

Fwd: SDI 1023-1034_21: Articles Alert | Tuberculosis

1. [PPE38-Secretion-Dependent Proteins of M. **tuberculosis** Alter NF-κB Signalling and Inflammatory Responses in Macrophages](#)

J Gallant, T Heunis, C Beltran, K Schildermans... - Frontiers in Immunology, 2021

2. [Circulating IgA/IgG memory B cell against Mycobacterium **tuberculosis** dormancy-associated antigens Rv2659c and Rv3128c in active and latent **tuberculosis**](#)

PT Soe, J Hanthamrongwit, C Saelee, SP Kyaw... - International Journal of Infectious Diseases, 2021

3. [Mortality and associated factors among adult patients on **tuberculosis** treatment in Tanzania: A retrospective cohort study](#)

EM Bukundi, F Mhimbira, R Kishimba, Z Kondo... - ... Journal of Clinical **Tuberculosis** and Other Mycobacterial Diseases, 2021

4. [ID Learning Unit: Understanding Advances in the Treatment of Latent **Tuberculosis** Infection among People with HIV](#)

NJ Mehtani, S Puryear, P Pham, KE Dooley, M Shah - Open Forum Infectious Diseases, 2021

5. [Cost-Effectiveness Analysis of High-Risk Groups **Tuberculosis** Screening in Malaysia. Front](#)

NZA Mohd Hassan, A Razali, MR Shahari... - Frontiers in Public Health, 2021

6. [Pauci-symptomatic widespread nodal extra-pulmonary **tuberculosis** in end-stage kidney disease](#)

A Schattner, Y Glick, I Dubin - QJM: An International Journal of Medicine, 2021

7. [CHILDHOOD **TUBERCULOSIS** SERVICES IN BUNDA MEDICAL CENTRE PRIVATE SECONDARY LEVEL HOSPITAL](#)

A Fazlisa - Human Care Journal, 2021

8. [Diagnosis and Analysis of **Tuberculosis** Disease Using Simple Neural Network and Deep Learning Approach for Chest X-Ray Images](#)

KC Pathak, SS Kundaram, JN Sarvaiya, AD Darji - Tracking and Preventing Diseases ..., 2022

9. [Pathological and DNA-based Detection of Tracheobronchial **Tuberculosis** in China](#)

X Li, Y Xie, Y Wang, J Wu, X Sun, Q Wu - Journal of the College of Physicians and Surgeons-Pakistan, 2021

10. [Survey of Direct Medical Costs and Risk Factors for Resistant **Tuberculosis** Patients to Refer to Masih Daneshvari Hospital: 2019](#)

A Ghaderi, A Mirzaei, A Moniri - Journal of North Khorasan University of Medical Sciences, 2021

11. Midfoot tuberculosis: Clinical suspicion and early investigation is the key

Bushu Harna, Abhishek Roy, Shivali Arya, Dhanajaya Sabat

12. Role of hematopoietic cells in Mycobacterium tuberculosis infection

Bartolo Tamburini, [et.al.](#)