Recent Updates in Natural Terpenoids as Potential Anti-mycobacterial Agents

Review Article
Available Online 15 July 2021
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Graphical abstract

New Articles in Press, 15 July

SDI 1003-1012_21: Articles Alert | Tuberculosis

Macrophage and neutrophil death programs differentially confer resistance to tuberculosis

MD Stutz, CC Allison, S Ojaimi, SP Preston... - Immunity, 2021

2. [HTML] WNT6/ACC2-induced storage of triacylglycerols in macrophages is exploited by Mycobacterium tuberculosis

J Brandenburg, S Marwitz, SC Tazoll, F Waldow... - The Journal of Clinical ..., 2021
3. **Lesion penetration and activity limit the utility of second-line injectable agents in pulmonary tuberculosis**

JP Ernest, J Sarathy, N Wang, F Kaya, MD Zimmerman... - Antimicrobial Agents and ..., 2021

4. **A Longitudinal Model-Based Biomarker Analysis of Exposure Response in Adults with Pulmonary Tuberculosis**

Andrew D Gewitz et.al...., Tuberculosis Trials Consortium of the Centers for Prevention - Antimicrobial Agents and Chemotherapy, 2021

5. **[HTML] Self-reported gender differentials in the knowledge of tuberculosis transmission and curative possibility using national representative data in Ghana**

M Boah, MR Kpopoah, MN Adokiya - Plos one, 2021


I van Alen, A Chikunova, AA Safeer, MUD Ahmad... - Biochemistry, 2021

7. **Lung Epithelial Signaling Mediates Early Vaccine-Induced CD4+ T Cell Activation and Mycobacterium tuberculosis Control**

S Das, ND Marin, E Esaulova, M Ahmed, A Swain... - Mbio, 2021

8. **[HTML] Epidemiology of Mycobacterium tuberculosis lineages and strain clustering within urban and peri-urban settings in Ethiopia**

H Taye, K Alemu, A Mihret, S Ayalew, E Hailu... - Plos one, 2021

9. **Treatment effect measures for culture conversion endpoints in phase IIb tuberculosis treatment trials**

IR Weir, S Wasserman - Clinical Infectious Diseases, 2021

10. **[HTML] Evaluation of the diagnostic performance of laboratory-based c-reactive protein as a triage test for active pulmonary tuberculosis**

THA Samuels, R Wyss, S Ongarello, DAJ Moore... - Plos one, 2021
1. Genetic models of latent tuberculosis in mice reveal differential influence of adaptive immunity
H Su, K Lin, D Tiwari, C Healy, C Trujillo, Y Liu... - Journal of Experimental Medicine, 2021

2. Evaluating the impact of the nationwide public–private mix (PPM) program for tuberculosis under National Health Insurance in South Korea: A difference in differences ...
S Yu, H Sohn, HY Kim, H Kim, KH Oh, HJ Kim... - PLoS medicine, 2021

3. Health care seeking patterns of rifampicin-resistant tuberculosis patients in Harare, Zimbabwe: A prospective cohort study
R Tadokera, S Huo, G Theron, C Timire... - PloS one, 2021

4. heparin-binding hemagglutinin (HBHA)-induced interferon-γ release assay (IGRA) for discrimination of latent and active tuberculosis: A systematic review and meta ...
J Tang, Y Huang, Z Cai, Y Ma - PloS one, 2021

5. Molecular bacterial load assay versus culture for monitoring treatment response in adults with tuberculosis
B Said, L Charlie, E Getachew, CL Wanjiru, M Abebe... - SAGE Open Medicine, 2021

6. The Epistatic Landscape of Antibiotic Resistance of Different Clades of Mycobacterium tuberculosis
D Muzondiwa, H Hlanze, ON Reva - Antibiotics, 2021

7. Molecular epidemiology and drug susceptibility profiles of Mycobacterium tuberculosis complex isolates from Northern Ghana
SKE Acquah, P Asare, S Osei-Wusu, P Morgan, T Afum... - International Journal of Infectious Diseases, 2021

8. TB or not to be: what specificities and impact do antibodies have during tuberculosis?
C Hermann, CG King - Oxford Open Immunology, 2021
9. [HTML] Determinants of Undernutrition among Adult Tuberculosis Patients Receiving Treatment in Public Health Institutions in Shashemane Town, Southern Ethiopia

A Tesfaye Anbese, G Egeta, F Mesfin, A Arega Sadore - Journal of Nutrition and Metabolism, 2021

10. Tuberculosis in Solid Organ Transplantation: Insights from TB Endemic Areas

N Nasir, S Sarfaraz, I Khanum, T Ansari, A Nasim... - Current Infectious Disease Reports, 2021

SDI 1001-1003_21: New Articles | Tuberculosis | IJT 17 July

ScienceDirect

Alert: Indian Journal of Tuberculosis

New Articles available on ScienceDirect

Evaluation of Implantation Markers and Immune Cell Infiltration in Endometrial Biopsy of Female Genital Tuberculosis

Research article
Available Online 17 July 2021
Anil Sharma, Pankush Gupta, Aijaz Ahmad, Venkateswaran K. Iyer, Neena Malhotra, Urvashi B. Singh, Nomita Chandhiok

Communicating risk: status of health warning labels on various tobacco products in Indian market

Research article
Available Online 17 July 2021
Neema Joseph, Sonu Goel, Rana Jugdeep Singh, Binod Patro, Star Pala, Rajeev Kumar, Bishwaranjan Purohit, Shravan Kumar Medini, Ory Nica Kharbangar, Sitanshu Sekhar Kar
Evaluation of patient’s experiences with daily DOTS

Research article
Available Online 17 July 2021
Akshaya Moorthy, Surabhi Jaggi, Kranti Garg, Mandeep Kaur Sodhi, Deepak Aggarwal, Jagdish Chander

Review on public private mix TB control strategy in India

Review Article
Available Online 15 July 2021
Melat Menberu, Sonali Kar, Manas Ranjan Behera
Pre-treatment delay and out of pocket expenses by notified new tuberculosis patients in an Indian mega city

Research article
Available Online 14 July 2021

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From: Rathinasabapati R <rrathinasabapati@nirt.res.in>
Date: Tue, Jul 13, 2021 at 11:00 AM
To: NIRT SST <NIRTSST@nirt.res.in>
Utility of Stool CBNAAT in the Diagnosis of Pediatric Pulmonary Tuberculosis in India

Research article
Available Online 12 July 2021
Anurag Agarwal, Dhrithi Kodethoor, Ashwani Khanna, Mahmud Hanif

SDI 967-976_21: Articles Alert | Tuberculosis

1. [PDF] Acute Inflammation Confers Enhanced Protection against Mycobacterium tuberculosis Infection in Mice
   TJ Piergallini, JM Scordo, PA Pino, LS Schlesinger... - Microbiology Spectrum, 2021

2. [PDF] Pharmacokinetics and target attainment of SQ109 in plasma and human-like tuberculosis lesions in rabbits
   Egbelowo, JP Sarathy, K Gausi, MD Zimmerman... - Antimicrobial Agents and Chemotherapy, 2021

3. [HTML] Radiological and functional evidence of the bronchial spread of tuberculosis: an observational analysis
   RY Chen, X Yu, B Smith, X Liu, J Gao, AH Diacon... - The Lancet Microbe, 2021
4. **[HTML]** GeneXpert on patients with human immunodeficiency virus and smear-negative pulmonary tuberculosis

NK Cuong, NB Ngoc, NB Hoa, VQ Dat, NV Nhung - Plos one, 2021

5. Synthesis and interaction of terminal unsaturated chemical probes with Mycobacterium tuberculosis CYP124A1

L Díaz-Storani, AA Clary, DM Moreno, MS Ballari... - Bioorganic & Medicinal Chemistry, 2021

6. **[HTML]** Genetic diversity and primary drug resistance transmission in Mycobacterium tuberculosis in southern Mexico

A Ordaz-Vázquez, P Torres-González, P Cruz-Hervert... - Infection, Genetics and Evolution, 2021

7. Latent tuberculosis infection: Misperceptions among non-US–born-populations from countries where tuberculosis is common

J Parmer, E Macario, K Tatum, A Brackett, L Allen... - Global Public Health, 2021

8. Review of advances in diagnosis and treatment of pulmonary tuberculosis

MS Tendolkar, R Tyagi, A Handa - Indian Journal of Tuberculosis, 2021

9. **[HTML]** Identifying barriers and facilitators to implementation of community-based tuberculosis active case finding with mobile X-ray units in Lima, Peru: a RE-AIM evaluation

CM Yuen, D Puma, AK Millones, JT Galea, C Tzelios... - BMJ open, 2021

10. Profiling and identification of novel rpoB mutations in rifampicin-resistant Mycobacterium tuberculosis clinical isolates from Pakistan

M Qadir, S Tahseen, TD McHugh, A Hussain... - Journal of Infection and Chemotherapy, 2021