



# Journal of Tuberculosis Research



## **Journal Editorial Board**

ISSN: 2329-843X (Print) ISSN: 2329-8448 (Online)

http://www.scirp.org/journal/jtr

.....

#### **Editor-in-Chief**

**Dr. Wing Cheong YAM**The University of Hong Kong, China

#### **Editorial Board**

**Dr. Chien-Yuan Chen** National Taiwan University Hospital, Chinese Taipei

**Dr. Daniel G. Datiko**University of Bergen, Norway

**Dr. Joao Paulo dos Santos Fernandes** Fernandes Federal University of Sao Paulo, Brazil

Prof. T. Aboul-Fadl M. Hassan Assiut University, Egypt

**Dr. Thomas Richard Ioerger** Texas A&M University, USA

**Dr. Ana Angélica Bulcão Portela Lindoso** Instituto de Tuberculose Clemente Ferreira, Brazil

**Dr. Roberto Manfredi**University of Bologna, Italy

Prof. Saleh A. Naser University of Central Florida, USA

**Dr. James Oloya**University of Georgia, USA

Prof. Manju Raj Purohit R. D. Gardi Medical College, India

**Dr. Alejandro Sanchez**University Southern California, USA

**Dr. Jianxun (Jim) Song** Penn State University College of Medicine, USA

Prof. Mark Spigelman Hebrew University, Israel

Dr. Wenjie Sun Tulane University, USA

Dr. Zhaogang Sun Capital Medical University, China

**Prof. Nelson Leung-sang TANG**The Chinese University of Hong Kong, Hong Kong (China)

**Dr. Xiaolin Wei** Chinese University of Hong Kong, China



# **Table of Contents**

Volume 2 Number 2	June 2014
Evaluation of BacT/ALERT 3D System for Mycobacteria Isolates	
M. R. Martinez, M. Sardiñas, G. Garcia, L. M. Mederos, R. Díaz	59
Abdominal Sonographic Findings in Severely Immunosuppressed Human Immunodeficience Virus-Infected Patients Treated for Tuberculosis	у
H. N. Kisembo, M. G. Kawooya, C. Keyon, W. Worodria, R. Colebunders	65
Tuberculosis Otitis Media with Disseminated Tuberculosis in a Pregnant Female	
J. Jubulis, S. Riedel, N. Parrish	75
Unbiased Multirresistance Prevalences in Real Testing Practices? An Intuitive Correcting Approach Applied to Tuberculosis in Portugal	
C. Areias, T. Briz, C. Nunes	79
Smear-Negative Multidrug-Resistant Tuberculosis a Significance Hidden Problem for MDR-Control: An Analysis of Real World Data	ТВ

J. M. Liu, W. Wang, J. Xu, M. Q. Gao, C. Y. Li......90

#### Journal of Tuberculosis Research (JTR)

#### **Journal Information**

#### SUBSCRIPTIONS

The *Journal of Tuberculosis Research* (Online at Scientific Research Publishing, <a href="www.SciRP.org">www.SciRP.org</a>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: <a href="mailto:sub@scirp.org">sub@scirp.org</a>

#### **SERVICES**

#### Advertisements

Advertisement Sales Department, E-mail: <a href="mailto:service@scirp.org">service@scirp.org</a>

#### Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

#### **COPYRIGHT**

#### COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

#### COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright  $\ensuremath{\mathbb{Q}}$  2014 by author(s) and Scientific Research Publishing Inc.

#### REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: jtr@scirp.org



# **Journal of Tuberculosis Research**



ISSN: 2329-843X (Print) ISSN: 2329-8448 (Online) http://www.scirp.org/journal/jtr

Journal of Tuberculosis Research (JTR) is an openly accessible journal. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of tuberculosis research.

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The areas covered by Journal of Tuberculosis Research (JTR) include but are not limited to the following fields:

- Advances in Tuberculosis Research
- Clinical Symptoms and Signs of Tuberculosis
- Diagnostics of Tuberculosis
- Genetics Impact on Tuberculosis
- Immunology in Tuberculosis
- Inflammation of Tuberculosis
- Mode of Transmission
- Mycobacterium
- Nursing and Dietary of Tuberculosis Patients
- Pathogenesis of Tuberculosis

- Pathological Change of Tuberculosis
- Risk Factors for Tuberculosis
- Social and Cultural Intervention
- TB and HIV Co-Infection
- Tubercle Bacillus
- Tuberculosis Infection and Reinfection
- Tuberculosis Prevention and Control
- Tuberculosis Treatment
- Various Tuberculosises

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

### **Notes for Intending Authors**

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

E-mail: jtr@scirp.org

#### Website and E-Mail

http://www.scirp.org/journal/jtr

#### What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

#### What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- · Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org