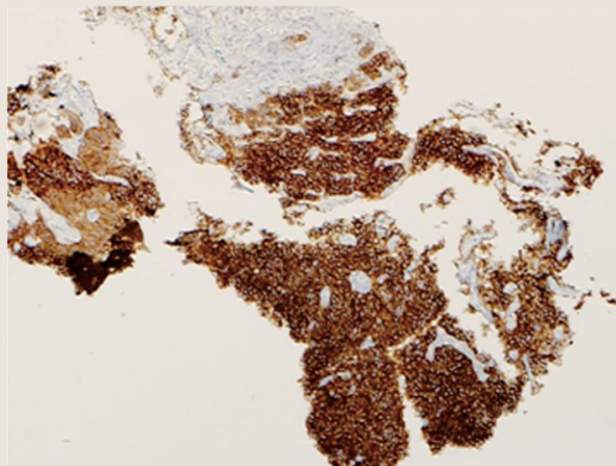
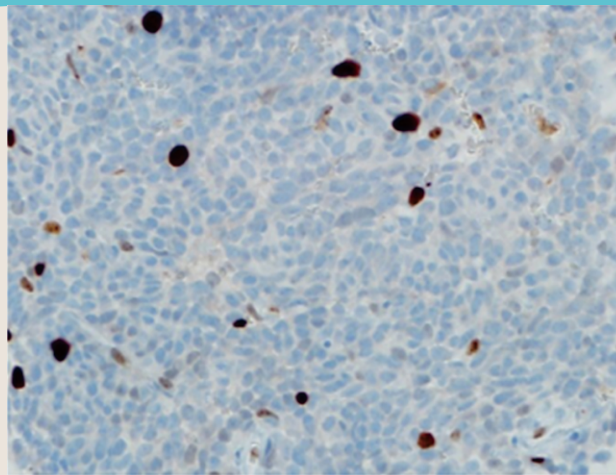


ISSN: 2163-940X Vol. 3, No. 2, May 2013



Scientific
Research

Open Journal of Respiratory Diseases



ISSN: 2163-940X



www.scirp.org/journal/ojrd

Journal Editorial Board

ISSN: 2163-940X (Print), 2163-9418 (Online)

<http://www.scirp.org/journal/ojrd/>

Editorial Board

Dr. Michael (Chi Wai) Chan	The University of Hong Kong, Hong Kong (China)
Prof. Shi-Chuan Chang	Taipei Veterans General Hospital, China
Prof. Keertan Dheda	University of Cape Town, South Africa
Dr. Don Hayes, Jr.	The Ohio State University, USA
Dr. Aihua Hu	The Children's Hospital of Philadelphia, USA
Prof. Junzo Kamei	Hoshi University, Japan
Prof. Feige Rabinowitz Kaplan	McGill University, Canada
Prof. Jack Andrew Kastelik	Castle Hill Hospital, UK
Dr. Steven E. Mutsaers	University of Western Australia, Australia
Dr. Gabriele Nicolini	Chiesi Farmaceutici, Italy
Dr. Yasumasa Okada	Murayama Medical Center, Japan
Dr. Elisabetta Renzoni	Royal Brompton Hospital, UK
Dr. Alan D. L. Sihoe	The University of Hong Kong, China
Dr. Souvenir D. Tachado	Harvard Medical School, USA
Dr. Laimute Taraseviciene-Stewart	University of Colorado, USA
Prof. Mariano García Yuste	University Clinic Hospital, Spain
Dr. Khalequz Zaman	University of Virginia, USA

TABLE OF CONTENTS

Volume 3 Number 2

May 2013

Differential Mechanisms of the Effect of Peroxisome Proliferator-Activated Receptor Gamma Agonists on Bleomycin-Induced Lung Fibrosis

K. Miyamoto, S. Tasaka, Y. Nakano, H. Shinoda, H. Kamata, W. Yamasawa, M. Ishii, N. Hasegawa, T. Betsuyaku.....31

Churg-Strauss Syndrome Revealed by Acute Coronary Artery Disease: A Case Report

M. Estivals, M. Périé, D. Colombier, B. Farah.....39

Vitamin A, Vitamin E, Lutein and β -Carotene in Lung Tissues from Subjects with Chronic Obstructive Pulmonary Disease and Emphysema

M. W. Schäffer, S. S. Roy, S. Mukherjee, S. K. Das.....44

Genetic Implications in COPD. The Current Knowledge

I. Sotiriou, D. Makris.....52

Resistance Measured by Airflow Perturbation Compared with Standard Pulmonary Function Measures

T. Haque, J. Vossoughi, A. T. Johnson, W. Bell-Farrell, T. Fitzgerald, S. M. Scharf.....63

A Case of DIPNECH and Review of the Current Literature

P. D. Mitchell, M. P. Kennedy, M. T. Henry.....68

The Diagnostic and Prognostic Value of Serum Procalcitonin among Ventilator Associated Pneumonia Patients

A. Abd El Halim, A. Attia, T. Zytoun, H. E. Salah.....73

Therapeutic Administration of *Mycobacterium bovis* BCG Killed by Extended Freeze-Drying Modulates Airway Inflammation in a Chronic Murine Model of Asthma

M. Lagranderie, J. A. J. Vanoirbeek, B. B. Vargaftig, P.-M. Guyonvarc'h, G. Marchal, X. Roux.....79

Mir-21 Regulation of MARCKS Protein and Mucin Secretion in Airway Epithelial Cells

W. R. Lampe, S. J. Fang, Q. Yin, A. L. Crews, J. Park, K. B. Adler.....89

Sleep Quality among Hispanics of Mexican Descent and Non-Hispanic Whites: Results from the Sleep Health and Knowledge in US Hispanics Study

X. Soler, C. Diaz-Piedra, W. A. Bardwell, S. Ancoli-Israel, L. A. Palinkas, J. E. Dimsdale, J. S. Loreda.....97

Clinical Analysis of Pulmonary Nontuberculous Mycobacterial Disease Diagnosed as Coincidental Pulmonary Infection Due to *Mycobacterium* Species

Y. Kobashi, K. Mouri, Y. Obase, S. Kato, M. Oka.....107

The figure on the front cover is from the article published in Open Journal of Respiratory Diseases, 2013, Vol. 3, No. 2, pp. 68-72 by Patrick D. Mitchell, Marcus P. Kennedy and Michael T. Henry.

Open Journal of Respiratory Diseases (OJRD)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Respiratory Diseases (OJRD)* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

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

E-mail: sub@scirp.org

COPYRIGHT

Copyright©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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: ojrd@scirp.org



Call for Papers

Open Journal of Respiratory Diseases

ISSN Print: 2163-940X ISSN Online: 2163-9418

<http://www.scirp.org/journal/ojrd/>

Open Journal of Respiratory Diseases (OJRD) is an international journal dedicated to the latest advancement of Respiratory Diseases. 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 Respiratory Diseases.

Editorial Board

Dr. Michael (Chi Wai) Chan
 Prof. Shi-Chuan Chang
 Prof. Keertan Dheda
 Dr. Don Hayes, Jr.
 Dr. Aihua Hu
 Prof. Junzo Kamei
 Prof. Feige Rabinowitz Kaplan
 Prof. Jack Andrew Kastelik
 Dr. Steven E. Mutsaers
 Dr. Gabriele Nicolini
 Dr. Yasumasa Okada
 Dr. Elisabetta Renzoni
 Dr. Alan D. L. Sihoe
 Dr. Souvenir D. Tachado
 Dr. Laimute Taraseviciene-Stewart
 Prof. Mariano García Yuste
 Dr. Khalequz Zaman

The University of Hong Kong, Hong Kong (China)
 Taipei Veterans General Hospital, China
 University of Cape Town, South Africa
 The Ohio State University, USA
 The Children's Hospital of Philadelphia, USA
 Hoshi University, Japan
 McGill University, Canada
 Castle Hill Hospital, UK
 University of Western Australia, Australia
 Chiesi Farmaceutici, Italy
 Murayama Medical Center, Japan
 Royal Brompton Hospital, UK
 The University of Hong Kong, China
 Harvard Medical School, USA
 University of Colorado, USA
 University Clinic Hospital, Spain
 University of Virginia, USA

Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Chronic Respiratory Disease
- Inflammatory Lung Disease
- Influenza and Other Respiratory Viruses
- Obstructive Lung Diseases
- Paediatric Respiratory
- Pleural Cavity Diseases
- Pulmonary Vascular Diseases
- Respiration Physiology
- Respiratory Medicine
- Respiratory Tract Infections
- Respiratory Tumors
- Restrictive Lung Diseases
- Therapeutic Advances in Respiratory Disease

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.

Website and E-mail

<http://www.scirp.org/journal/ojrd>

E-mail: ojrd@scirp.org

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, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

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, world-wide, 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



**Scientific
Research**

Website: <http://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org