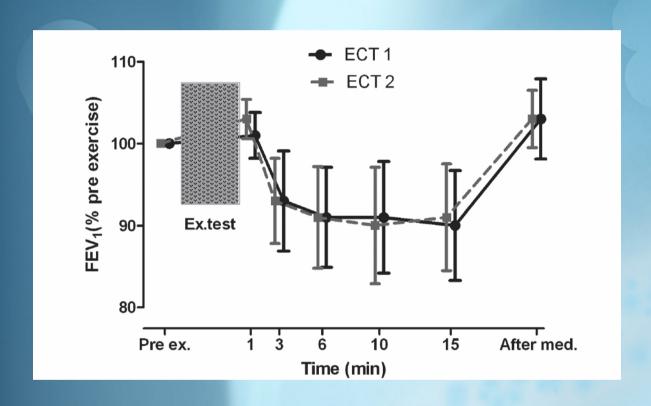


# Open Journal of Respiratory Diseases





# **Journal Editorial Board**

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

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

.....

#### **Editorial Board**

Prof. Surendra Bansal University of Delhi, India

Dr. Michael (Chi Wai) Chan The University of Hong Kong, China

**Prof. Shi-Chuan Chang**Taipei Veterans General Hospital, China

Prof. Keertan Dheda University of Cape Town, South Africa

**Dr. Saeid Ghavami** University of Manitoba, Canada

**Dr. Don Hayes, Jr.** The Ohio State University, USA

**Prof. Aihua Hu**The Children's Hospital of Philadelphia, USA

Prof. Junzo Kamei Hoshi University, Japan

**Prof. Hannu Kankaanranta** University of Tampere, Finland

Prof. Feige Rabinowitz Kaplan McGill University, Canada

Prof. Jack Andrew Kastelik Castle Hill Hospital, UK

**Dr. Anatoly Mikerov** Saratov State Medical University, Russia

**Dr. Rakesh Kumar Mishra**University of Illinois at Chicago, USA

**Dr. Steven E. Mutsaers**University of Western Australia, Australia

Prof. 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

Dr. Xiaojing Xu Georgia Health Science University, Augusta, USA

Prof. Mariano García Yuste University Clinic Hospital, Spain

**Dr. Khalequz Zaman** University of Virginia, USA

Dr. Eduardo Zepeda Universidad Nacional Autonoma de Mexico, Mexico



## **Table of Contents**

Volume 4	Number 2	May 2014
Predictors of R	Radiation Pneumonitis in Patients with Lung Cancer after Che	emoradiotherapy
W. A. Hassan,	, M. Abd-Elwaness	27
Impact of Imm	unoglobulin E and Airway Obstruction on Bronchiectasis	
W. A. Hassan,	, I. Shalan, M. Khalifa	34
Value of Repea	ated Direct Smear Sputum Examination in the Diagnosis of P	ulmonary Tuberculosis
W. A. Hassan,	A. Omar, S. Khalil, A. F. Al-Qarn	41
	r Postoperative Acute Exacerbation of Idiopathic eumonia Following Surgery for Primary Lung Cancer	
· · · · · · · · · · · · · · · · · · ·	Abe, H. Hayashi, K. Kamio, Y. Saito, J. Usuki, A. Azuma, Haraguchi, K. Koizumi, J. Usuda, A. Gemma	48
Exercise-Induce	ed Bronchoconstriction Diagnostics: Impact of a Repeated Ex	kercise Challenge Test
M. R. Angell, L	L. B. Augestad, T. S. Haugen, A. Frostad, T. A. Grønnerød, T. Stensru	ud55
Clinical Applica	ation of T-SPOT.TB Using Pleural Effusion as a Diagnostic Me	thod for Tuberculosis
Y. Kobashi, K.	Mouri, Y. Obase, S. Kato, M. Oka	64

#### Open Journal of Respiratory Diseases (OJRD)

#### **Journal Information**

#### SUBSCRIPTIONS

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

#### **Subscription rates:**

Print: \$79 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 © 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: ojrd@scirp.org



# **Call for Papers**

# Open Journal of Respiratory Diseases

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

Open Journal of Respiratory Diseases (OJRD) is an international journal dedicated to the latest advancements in 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**

Prof. Surendra Bansal Dr. Michael (Chi Wai) Chan Prof. Shi-Chuan Chang Prof. Keertan Dheda Dr. Saeid Ghavami Dr. Don Hayes, Jr. Prof. Aihua Hu

Prof. Junzo Kamei Prof. Hannu Kankaanranta

Prof. Feige Rabinowitz Kaplan Prof. Jack Andrew Kastelik

Dr. Anatoly Mikerov

Dr. Rakesh Kumar Mishra

Dr. Steven E. Mutsaers Prof. Gabriele Nicolini

Dr. Yasumasa Okada Dr. Elisabetta Renzoni Dr. Alan D. L. Sihoe

Dr. Souvenir D. Tachado

Dr. Laimute Taraseviciene-Stewart

Dr. Xiaojing Xu

Prof. Mariano García Yuste Dr. Khalequz Zaman

Dr. Eduardo Zepeda

University of Delhi, India

The University of Hong Kong, China Taipei Veterans General Hospital, China University of Cape Town, South Africa University of Manitoba, Canada The Ohio State University, USA

The Children's Hospital of Philadelphia, USA

Hoshi University, Japan University of Tampere, Finland

McGill University, Canada Castle Hill Hospital, UK

Saratov State Medical University, Russia University of Illinois at Chicago, USA 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

Georgia Health Science University, Augusta, USA

University Clinic Hospital, Spain University of Virginia, USA

Universidad Nacional Autonoma de Mexico, Mexico

### **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 Inflammatory Lung Diseases
- Chronic Obstructive Pulmonary Disease
- Chronic Respiratory Disease
- Influenza and Other Respiratory Viruses
- Pediatric Respiratory Diseases
- 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





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