

# Advances in Infectious Diseases



ISSN: 2164-2648



# Journal Editorial Board

ISSN 2164-2648 (Print) ISSN 2164-2656 (Online)

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

---

## Editors-in-Chief

**Prof. Yung-Fu Chang**

Cornell University, USA

**Prof. Richard L. Gregory**

Indiana University, USA

## Editorial Board

**Dr. Syed Habib Bokhari**

Comsats Institute of Information Technology, Pakistan

**Prof. Sang Ho Choi**

Seoul National University, South Korea

**Prof. Francisco Assis Lima Costa**

Universidade Federal do Piauí, Brazil

**Prof. Daniel Y. C. Fung**

Kansas State University, USA

**Prof. Michal Holub**

Charles University in Prague, Czech Republic

**Prof. Zhiyong Hong**

University of Ottawa, Canada

**Dr. Nahed A. G. Al Laham**

Al Azhar University-Gaza, Palestine

**Dr. Francisca Mutapi**

University of Edinburgh, UK

**Dr. Giacomo Maria Paganotti**

University of Rome “La Sapienza”, Italy

**Dr. Vamsi Parini**

Northwestern University, USA

**Dr. George Perry**

The University of Texas at San Antonio, USA

**Dr. Zhiqiang Qin**

Medical University of South Carolina, USA

**Dr. Raúl Manzano Román**

Spanish National Research Council, Spain

**Dr. Unai Pérez Sautu**

University Hospital Cruces (Cruces-Bilbao), Spain

## Table of Contents

Volume 5    Number 2

June 2015

<b>It's Possible to Predict a Decreased Bactericidal Effect of Biocides, through Antibiotic Resistance in ICU: Study Using a Large Sample of Bacteria and Multivariate Analysis</b>	
I. Herruzo, R. Herruzo, M. J. Vizcaino.....	73
<b>Reducing the Rate of Catheter-Associated Urinary Tract Infection in the Non-ICU Setting</b>	
S. Ghazal, S. C. Viorica, M. Joseph, M. Mukahal, A. Hakawi, M. B. Edmond.....	81
<b>Knowledge and Attitude of Health Care Workers toward Human Immunodeficiency Virus Infection in King Abdulaziz Medical City</b>	
F. A. Al-Owais, M. S. Al-Abdullah, A. F. Al-Othman.....	87

## **Advances in Infectious Diseases (AID)**

### **Journal Information**

#### **SUBSCRIPTIONS**

*Advances in Infectious Diseases* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **SERVICES**

##### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

##### **Reprints (minimum quantity 100 copies)**

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

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **COPYRIGHT**

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

Copyright © 2015 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 © 2015 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.

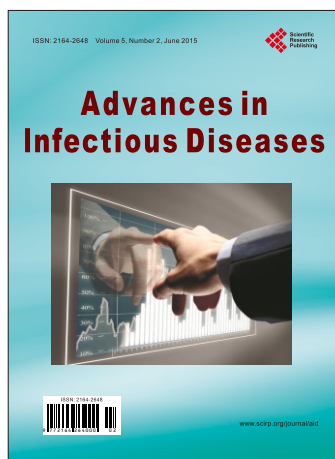
##### **DISCLAIMER OF LIABILITY**

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: [aid@scirp.org](mailto:aid@scirp.org)



**Call for Papers**

# Advances in Infectious Diseases

ISSN 2164-2648 (Print) ISSN 2164-2656 (Online)

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

**Advances in Infectious Diseases** is an international journal dedicated to the latest advancement of infectious diseases. The goal of this journal is to provide a platform for researchers and academics all over the world to promote, share, and discuss various new issues and developments in infectious diseases related problems.

## Editors-in-Chief

Prof. Yung-Fu Chang  
Prof. Richard L. Gregory

Cornell University, USA  
Indiana University, USA

## Editorial Board

Dr. Syed Habib Bokhari  
Prof. Sang Ho Choi  
Prof. Francisco Assis Lima Costa  
Prof. Daniel Y. C. Fung  
Prof. Michal Holub  
Prof. Zhiyong Hong  
Dr. Nahed A. G. Al Laham  
Dr. Francisca Mutapi  
Dr. Giacomo Maria Paganotti  
Dr. Vamsi Parini  
Dr. George Perry  
Dr. Zhiqiang Qin  
Dr. Raúl Manzano Román  
Dr. Unai Pérez Sautu

Comsats Institute of Information Technology, Pakistan  
Seoul National University, South Korea  
Universidade Federal do Piauí, Brazil  
Kansas State University, USA  
Charles University in Prague, Czech Republic  
University of Ottawa, Canada  
Al Azhar University-Gaza, Palestine  
University of Edinburgh, UK  
University of Rome "La Sapienza", Italy  
Northwestern University, USA  
The University of Texas at San Antonio, USA  
Medical University of South Carolina, USA  
Spanish National Research Council, Spain  
University Hospital Cruces (Cruces-Bilbao), Spain

## 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:

- Diarrheal Diseases
- Emerging Infectious Diseases
- Epidemiology and Infection
- Fungal Infection
- Global Infectious Diseases
- Hepatitis B
- HIV/AIDS
- Hospital Infection
- Immunology, Microbiology and Infectious Diseases
- Infection and Chemotherapy
- Infection and Public Health
- Infection Control
- Infection, Genetics and Evolution
- Infection Prevention
- Infectious Agents and Cancer
- Infectious Diseases in Obstetrics and Gynecology
- Lower Respiratory Infections
- Maladies Infectiousness
- Malaria
- Measles
- Meningitis
- Microbes and Infection
- Ophthalmic Inflammation and Infection
- Pediatric Infectious Diseases
- Pertussis
- Syphilis
- Tetanus
- Transplant Infectious Disease
- Travel Medicine and Infectious Disease
- Tropical Diseases
- Tuberculosis

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/aid>

Email: [aid@scirp.org](mailto:aid@scirp.org)