

ISSN: 2160-5815 Volume 8, Number 2, May 2018



# World Journal of Vaccines



[www.scirp.org/journal/wjv](http://www.scirp.org/journal/wjv)

# Journal Editorial Board

ISSN 2160-5815 (Print) ISSN 2160-5823 (Online)

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

---

## Editor-in-Chief

**Prof. Andrew W. Heath** University of Sheffield, UK

## Editorial Board

**Dr. Anshu Agrawal** University of California, USA  
**Prof. Igor M. Belyakov** Midwest Research Institute, USA  
**Dr. Lbachir BenMohamed** University of California Irvine, USA  
**Dr. Siddappa N. Byrareddy** Emory University, USA  
**Prof. Joseph J. Carter** Fred Hutchinson Cancer Research Center, USA  
**Prof. Wangxue Chen** National Research Council, Canada  
**Dr. Brendon J. Coventry** University of Adelaide, Australia  
**Prof. Diane M. Harper** University of Missouri, USA  
**Prof. Zdenek Hel** University of Alabama at Birmingham, USA  
**Prof. Fang-Ping Huang** Imperial College, UK  
**Prof. Rolf König** University of Texas Medical Branch, USA  
**Dr. Kenji Kabashima** Kyoto University, Japan  
**Dr. Penelope Koraka** Erasmus Medical Centre, Netherlands  
**Prof. Xuguang Li** University of Ottawa, Canada  
**Prof. Byron E. Martina** Erasmus MC, Netherlands  
**Prof. Vladimir L. Motin** University of Texas Medical Branch, USA  
**Prof. Satya Parida** Institute for Animal Health, UK  
**Prof. Thandavarayan Ramamurthy** National Institute of Cholera and Enteric Diseases, India  
**Prof. Periasamy Selvaraj** Emory University, USA  
**Prof. Manmohan Singh** Novartis Vaccines, USA  
**Prof. Kyoko Tsukiyama-Kohara** Kumamoto University, Japan  
**Prof. Yifan Zhan** The Walter and Eliza Hall Institute of Medical Research, Australia

# World Journal of Vaccines (WJV)

## Journal Information

### SUBSCRIPTIONS

The *World Journal of Vaccines* (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 copy.

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 © 2018 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 © 2018 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: [wjv@scirp.org](mailto:wjv@scirp.org)

# Table of Contents

**Volume 8    Number 2**

**May 2018**

**Tetanus Toxin Antibody Levels in Pre-School Nigerian Children after Three Doses of  
Diphtheria-Pertussis-Tetanus/Pentavalent Immunization: A Cross-Sectional Study**

E. E. Ekanem, H. O. Uket, H. C. Okpara.....39



*Call for Papers*

# World Journal of Vaccines (WJV)

ISSN 2160-5815 (Print) ISSN 2160-5823 (Online)

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

**World Journal of Vaccines (WJV)** is an international journal dedicated to the latest advancement of vaccines. 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 vaccine related problems.

## Subject Coverage

This journal invites original research and review papers that address the following issues. Topics of interest include, but are not limited to:

- Adjuvants
- Autoimmune Disease
- Bacteriology
- Cancer Immunotherapy
- Epidemiology
- Immunology
- Immunomodulators
- Immunopathology
- Immunopharmacology
- Parasitology
- Virology

We are also interested in: 1) Short Reports—2 to 5 pages where the paper is intended to present either an original idea with theoretical treatment or preliminary data and results; 2) Book Reviews—Comments and critiques of recently published books in the vaccine field; 3) Review articles in areas of potential interest to the readership of WJV.

## 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.

## Website and E-Mail

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

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



**Scientific  
Research  
Publishing**

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

**Subscription: [sub@scirp.org](mailto:sub@scirp.org)**

**Advertisement: [service@scirp.org](mailto:service@scirp.org)**