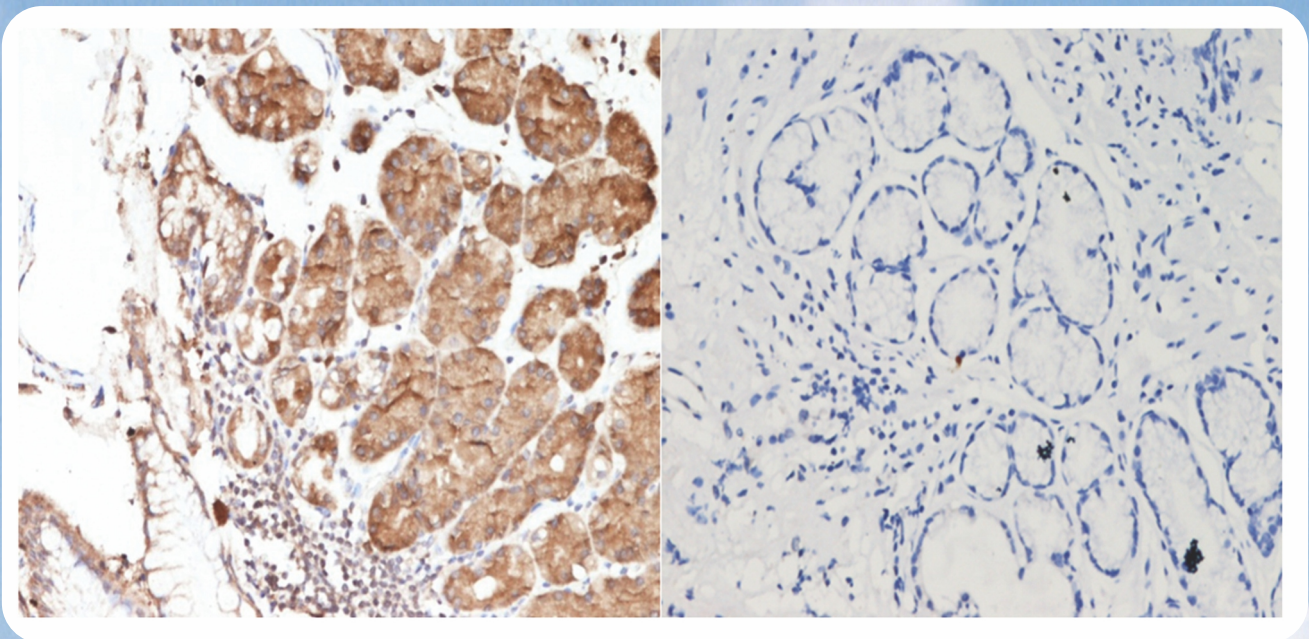


HEALTH

Helicobacter Pylori Infection and Upper Gastrointestinal Disorders



Editor-in-Chief
Prof. James J. Chou
www.scirp.org/journal/health

ISSN: 1949-4998



Journal Editorial Board

ISSN 1949-4998 (Print) ISSN 1949-5005 (Online)

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

Editor-in-Chief

Prof. James J. Chou Harvard Medical School, USA

Associate Editors

Prof. Leonid P. Titov The Republican Research and Practical Center for Epidemiology and
Microbiology, Belarus

Dr. Wei-Zhu Zhong Gordon Life Science Institute, USA

Editorial Board

Prof. Yiqiang Cai Yale University, USA

Prof. Michael Chia Nanyang Technological University, Singapore

Prof. James C. S. Chim The University of Hong Kong, China

Prof. Rose E. Constantino University of Pittsburgh, USA

Prof. Robert M. Goodman School of Health, Physical Education, and Recreation Indiana University, USA

Prof. Reginald M. Gorczynski University Health Network, Canada

Prof. Ron D. Hays University of California at Los Angeles, USA

Prof. Yohichi Kumaki Utah State University, USA

Dr. Chih Ming Lin Cathay General Hospital, Chinese Taipei

Prof. Aron D. Mosnaim Rosalind Franklin University of Medicine and Science, USA

Prof. George Perry University of Texas at San Antonio, USA

Prof. Michael W. Popejoy Florida International University, USA

Prof. Jason L. Powell University of Central Lancashire, UK

Prof. Bruce I. Reiner Maryland Veterans Affairs Medical Center, USA

Prof. Sheryl L. Szeinbach Division of Pharmacy Practice and Administration, College of Pharmacy, The
Ohio State University, USA

Guest Reviewers

Anshu Agrawal

Nazan Kilic Akca

Lisa Bill

Eva C. Bonefeld-Jorgensen

Mario Cesarelli

Alhela Eyad

Armen Yuri Gasparyan

Mario Giorgi

Jan Iwaniszewski

Maria Karekla

Senya Matsufuji

Arnulfo Nava-Zavala

Carlos Soares Pernambuco

Sevinc Polat

Yehuda Shoenfeld

Rodrigo Vale

Carlos Augusto Carvalho de Vasconcelos

TABLE OF CONTENTS

Volume 6, Number 4, February 2014

Detection of *helicobacter pylori* in dental plaque of mexican children by real-time pCR

J. A. Valdez-Gonzalez, P. C. Mares-Moreno, M. J. Kowolik, J. Vargas-Villarreal,
F. Gonzalez-Salazar, M. A. De la Garza-Ramos.....231

Regulatory T cells percentage in peripheral blood before and after eradication of *Helicobacter pylori*

Y. Satoh, H. Ogawara, O. Kawamura, Y. Shimoyama, M. Kusano, A. Yokohama, T. Saitoh,
H. Handa, N. Tsukamoto, H. Murakami.....236

Relationship between expression of Aurka and clinicopathological characteristics in gastric cancer patients

X. L. Xu, J. W. Xiao, S. J. Wei, X. Y. Xie, Y. F. Huang, X. B. Tian, C. S. Wang.....243

Prevalence of *helicobacter pylori* and hygiene practices among public secondary school students in Ikeja local government area, Lagos, Nigeria

S. K. C. Mynepalli, O. Maureen, A. Mumuni.....250

The relationship between *Helicobacter pylori* disease and bacterial count in stomach

S. Ghorbani-Dalini, M. Kargar, A. Doosti, A. Najafi.....259

***Helicobacter pylori* and upper gastrointestinal diseases: A review**

B. M. Roesler, E. M. A. Rabelo-Gonçalves, J. M. R. Zeitune.....263

A study on the transmission of *helicobacter pylori* from food prepared and consumed under hygienic and unhygienic conditions: A first study using biopsy samples

K. S. Ahmed, B. Madompoyil, J. D. Ahi, A. A. Khan, S. K. Tiwari, M. A. Habeeb.....274

The figure on the front cover is from the article published in Health, 2014, Vol. 6, No. 4, pp. 243-249 by Xiulian Xu, Jiangwei Xiao, Shoujiang Wei, Xianrong Xie, Yifan Huang, Xiaobing Tian and Chongshu Wang.

HEALTH

Journal Information

SUBSCRIPTIONS

The *HEALTH* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 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 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: health@scirp.org



Call for Papers

HEALTH

A Journal Published by Scientific Research Publishing, USA
<http://www.scirp.org/journal/health>

→ Editor-in-Chief

Prof. James J. Chou

Harvard Medical School, USA

→ Associate Editors

Prof. Leonid P. Titov

The Republican Research and Practical Center for Epidemiology and Microbiology, Belarus

Dr. Wei-Zhu Zhong

Gordon Life Science Institute, USA

→ Editorial Board

Prof. Yiqiang Cai

Yale University, USA

Prof. Michael Chia

Nanyang Technological University, Singapore

Prof. James C. S. Chim

The University of Hong Kong, China

Prof. Rose E. Constantino

University of Pittsburgh, USA

Prof. Robert M. Goodman

School of Health, Physical Education, and Recreation Indiana University, USA

Prof. Reginald M. Gorczynski

University Health Network, Canada

Prof. Ron D. Hays

University of California at Los Angeles, USA

Prof. Yohichi Kumaki

Utah State University, USA

Dr. Chih Ming Lin

Cathay General Hospital, Chinese Taipei

Prof. Aron D. Mosnaim

Rosalind Franklin University of Medicine and Science, USA

Prof. George Perry

University of Texas at San Antonio, USA

Prof. Michael W. Popejoy

Florida International University, USA

Prof. Jason L. Powell

University of Central Lancashire, UK

Prof. Bruce I. Reiner

Maryland Veterans Affairs Medical Center, USA

Prof. Sheryl L. Szeinbach

Division of Pharmacy Practice and Administration, College of Pharmacy, The Ohio State University, USA

HEALTH is an international journal dedicated to the latest advancement of human health. The goal of this journal is to provide a platform for doctors and academicians all over the world to promote, share, and discuss various new issues and developments in health related problems. 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.

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 be previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. For more details, please access the website.

→ Website and E-Mail

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

E-mail: health@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