ISSN: 1949-4998 Volume 11, Number 5, May 2019



HEALTH

Editors-in-Chief Prof. Sheng-Xiang Lin Prof. Leonid P. Titov Prof. Wei-Zhu Zhong www.scirp.org/journal/health



Journal Editorial Board

ISSN 1949-4998 (Print) ISSN 1949-5005 (Online) http://www.scirp.org/journal/health

Honorary Editor-in-Chief

Prof. Kuo-Chen Chou	Gordon Life Science Institute, San Diego, California, USA

Editors-in-Chief

Prof. Sheng-Xiang Lin	Laval University Medical Center, Canada
Prof. Leonid P. Titov	The Republican Research and Practical Center for Epidemiology and
	Microbiology, Belarus
Prof. Wei-Zhu Zhong	Gordon Life Science Institute, USA

Editorial Board

Dr. Yiqiang Cai	Yale University, USA
Prof. Michael Chia	Nanyang Technological University, Singapore
Prof. James C. S. Chim	
Prol. James C. S. Chim	The University of Hong Kong, China
Prof. Rose E. Constantino	University of Pittsburgh, USA
Dr. Koustuv Dalal	Orebro University, Sweden
Prof. Robert M. Goodman	Indiana University-Bloomington, USA
Prof. Reginald M. Gorczynski	University Health Network, Canada
Prof. Ayman M. Hamdan-Mansour	The University of Jordan, Jordan
Prof. Ron D. Hays	University of California at Los Angeles, USA
Dr. Yohichi Kumaki	Utah State University, USA
Dr. Chih Ming Lin	Cathay General Hospital, Chinese Taipei
Dr. Giuseppe Merra	Catholic University of Sacred Heart of Rome, Italy
Prof. Aron D. Mosnaim	Rosalind Franklin University of Medicine and Science, USA
Prof. Michael W. Popejoy	Florida International University, USA
Dr. Jason L. Powell	University of Central Lancashire, UK
Dr. Bruce I. Reiner	Maryland Veterans Affairs Medical Center, USA
Prof. Ramalingam Shanmugam	Texas State University, USA
Prof. Sheryl L. Szeinbach	Division of Pharmacy Practice and Administration, College of Pharmacy,
	The Ohio State University, USA
Prof. Tetsuya Tanioka	The University of Tokushima, Japan
Dr. Mayumi Watanabe	Niigata University, Japan



Table of Contents

Volume 11 Number 5	May 2019
Caring for Older Persons in a Technologically Advanced Nursing Future	
J. A. Pepito, R. C. Locsin, R. E. Constantino	
The Effect of Rice Flour for Amelioration of Sleeping in Social Isolated Mice	2
S. Kimura, A. Hu, T. Yamaguchi, M. Kato, H. Kobayashi	464
Sleep Disorders in Menopause: Review of the Literature and Occurrence thr Menopausal Stages	ough
M. E. Pessa, F. Janes, G. L. Gigli, M. Valente	
Identifying Service Needs from the Perspective of Service Providers—A Qua	litative Study
SY. Chien, MC. Chuang, IP. Chen	
The Influence of Oral Malodor on Psychological Stress	
M. Kato, A. Hu, S. Kimura, T. Yamaguchi, H. Kobayashi	501
Impact of Bar-Code Medication Administration and Electronic Medication . Record System in Clinical Practice for an Effective Medication Administrati	
M. Naidu, Y. L. Y. Alicia	511
Evaluation of Taping in the Lymphatic System through Lymphoscintigraphy and Lower Limbs: A Case Study	v of Upper
M. G. K. Marquetti, A. Chi, C. F. Siqueira, I. F. Santos	
Application of Three-Dimensional Magnetic Resonance Imaging in the Diag Perianal Abscess	gnosis of
F. Zhang, S. Xiong, S. B. Liu, P. Xia	535
Exploring Personal Factors That Might Influence the Vulnerability of Const Employees to Occupational Psychological Disorders	ruction
G. A. Fordjour, A. P. C. Chan, P. Amoah	
Significant Differences in Elderly Health between Urban and Rural Commun A Literature Review	nities:
J. Imaiso	
Perceptions of Body Mass Index as a Valid Indicator of Weight Status amon the United States	g Adults in
B. E. Garrett, J. H. West, B. T. Crookston, P. C. Hall	



The New Dimensions of Occupational Health

M. P. Guillemin

HEALTH Journal Information

SUBSCRIPTIONS

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

Subscription rates: Print: \$89 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

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: <u>sub@scirp.org</u>

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2019 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 © 2019 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: <u>health@scirp.org</u>

Call for Papers

HEALTH

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

Gordon Life Science Institute, San Diego, California, USA

The Republican Research and Practical Center for Epidemiology and

Laval University Medical Center, Canada

Gordon Life Science Institute, USA

Microbiology, Belarus



Honorary Editor-in-Chief Prof. Kuo-Chen Chou

Editors-in-Chief

Prof. Sheng-Xiang Lin Prof. Leonid P. Titov

Prof. Wei-Zhu Zhong

🗭 Editorial Board

Dr. 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
Dr. Koustuv Dalal	Orebro University, Sweden
Prof. Robert M. Goodman	Indiana University-Bloomington, USA
Prof. Reginald M. Gorczynski	University Health Network, Canada
Prof. Ayman M. Hamdan-Mansour	The University of Jordan, Jordan
Prof. Ron D. Hays	University of California at Los Angeles, USA
Dr. Yohichi Kumaki	Utah State University, USA
Dr. Chih Ming Lin	Cathay General Hospital, Chinese Taipei
Dr. Giuseppe Merra	Catholic University of Sacred Heart of Rome, Italy
Prof. Aron D. Mosnaim	Rosalind Franklin University of Medicine and Science, USA
Prof. Michael W. Popejoy	Florida International University, USA
Dr. Jason L. Powell	University of Central Lancashire, UK
Dr. Bruce I. Reiner	Maryland Veterans Affairs Medical Center, USA
Prof. Ramalingam Shanmugam	Texas State University, USA
Prof. Sheryl L. Szeinbach	Division of Pharmacy Practice and Administration, College of Pharmacy, The
Prof. Tetsuya Tanioka	Ohio State University, USA
	The University of Tokushima, Japan
Dr. Mayumi Watanabe	Niigata University, Japan

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

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?

Art and Design Review

Advances in

Idvances in Biologica themistry Entomolog

Applied Mathematics

Engineering

uitit e

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



Soft

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