

ISSN: 2327-5081

Volume 7, Number 12, December 2019



Journal of Biosciences and Medicines



ISSN: 2327-5081



9 772327 508002 12

<https://www.scirp.org/journal/jbm>

Journal Editorial Board

ISSN 2327-5081 (Print) ISSN 2327-509X (Online)

<https://www.scirp.org/journal/jbm>

Editor-in-Chief

Prof. Ahsan Jamil Kazi

Universiti Teknologi, Malaysia

Editorial Board

Dr. Gokul C. Das

Baylor College of Medicine, USA

Prof. Afaf K. El-Ansary

King Saud University, Saudi Arabia

Prof. Dayong Gao

University of Washington, USA

Prof. William Edward Hammond II

Duke University, USA

Dr. Christer Jansson

Lawrence Berkeley Natl. Lab, Sweden

Dr. Igor Malyshev

Moscow State University of Medicine and Dentistry, Russia

Dr. Lisa M. Minter

University of Massachusetts/Amherst, USA

Dr. Xiangru Xu

Yale University, USA

Dr. Barbara Zavan

University of Padova, Italy

Table of Contents

Volume 7 Number 12

December 2019

Retrospective Evaluation for ORCA Surveillance Comparison with Prescription Surveillance

T. Ueno, T. Sugawara, Y. Ohkusa, H. Kawanohara, M. Kamei.....1

The Application Prospect Autologous Bone Marrow Extract Buffy Coat in Cartilage Tissue Engineering: A Mini-Review

Z. Y. Li, Z. Y. Zhang, G. Song, S. Y. Fu, L. H. Jin, Y. Q. Liu.....9

Effect of Colchicine on Inducible Nitric Oxide Synthase Activity and Nitric Oxide Production of Mice Induced by *Aggregatibacter actinomycetemcomitans*

W. Sosroseno, E. Herminajeng, P. S. Bird.....18

Outbreak Information Delivery to Families with (Pre)School Children and Its Contribution

T. Sugawara, Y. Ohkusa, M. Nohora.....31

Diclofenac-Induced Kidney Damage in Wistar Rats: Involvement of Antioxidant Mechanism

T. S. Abiola, O. C. Adebayo, O. O. Babalola.....44

Possible Therapeutic Use of Bumetanide in the Treatment of Autism Spectrum Disorder

S. Kassem, T. Oroszi.....58

Non-Diabetic Renal Disease in Patients with Type 2 Diabetes Mellitus with Proteinuria

M. C. Mondal, R. M. Hossain, K. B. M. Hadiuzzaman, Md. O. Faroque, S. Md. Z. Hossain, A. K. M. S. Rahman,
F. Al S. Ashrafee, P. Sarker, A. Z. Md. Salahuddin, M. K. Ahsan.....68

The Impact of Lean Six Sigma Practices on Physiotherapy Services Quality at UNRWA Healthcare Centers, Gaza Strip, Palestine

N. M. A. Sharikh, M. M. El Farra, S. Abuzerr, K. Madi.....79

Effects of *Streptococcus salivarius* K12 on Experimental Periodontitis and Oral Microbiota in Mice

L. Zhu, H. Li, X. Q. Yang, L. Xue, X. Li, J. R. Du.....95

***In Vitro* Evaluation of the Potential Antioxidant of *Bidens segetum* Mart. ex Colla (Asteraceae) in Melanocyte and Melanoma Cells**

S. D. Franco, M. J. P. Ferreira, F. H. M. Melo, J. P. M. Soares, L. M. B. Torres.....112

Diversity of Primate Lentiviruses Rebooted

J. S. Nandi, A. K. Chhangani, S. S. Rathore, B. R. J. Mathur.....126

Structural Analysis of Piezo1 Ion Channel Reveals the Relationship between Amino Acid Sequence Mutations and Human Diseases

Z. K. Zhou.....139

Theoretical Solutions of Dynamic Responses of Cancellous Bone

S. H. Wang, J. L. Jiang, X. B. Lu.....156

Intermittent Preventive Treatment in Pregnancy with Sulphadoxine-Pyrimethamine Does Not Have Effect on Maternal Hemoglobin at Delivery and Birth Weight in Kisangani, Democratic Republic of Congo

L. O. Noël, B. N. Jean-Didier, M. A. Mike-Antoine, L. L. Joris, M. O. Jean-Pascal.....168

Genomic Analysis of 727 Patients with Ehlers-Danlos Syndrome I: Clinical Perspective Relates 23 Genes to a Maternally Influenced Arthritis-Adrenaline Disorder

G. N. Wilson.....181

Study of Bacteriological and Parasitological Management Quality of Water in the Villages of Senegal

L. R. Dossou-Yovo, C. Gomis-Mansaly, I. Mady-Goma Dirat, F. Sarr Diene, A. B. Ly, R. Jambou.....205

Journal of Biosciences and Medicines (JBM)

Journal Information

SUBSCRIPTIONS

The *Journal of Biosciences and Medicines* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 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 © 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: jbm@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: <https://www.scirp.org>
Subscription: sub@scirp.org
Advertisement: service@scirp.org