

ISSN: 2327-5081 Volume 12, Number 5, May 2024



Journal of Biosciences and Medicines



ISSN: 2327-5081



<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. Laura Ciapponi

Sapienza University of Rome, Italy

Prof. Hülya Cicek

School of Medicine Gaziantep University, Türkiye

Prof. Jade Q. Clement

Texas Southern University, USA

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. Loris Grossi

Università di Bologna, Italy

Prof. Crystell Guadalupe Guzmán-Priego

Universidad Juárez Autónoma de Tabasco, Mexico

Prof. William Edward Hammond

Duke University, USA

Dr. Christer Jansson

Lawrence Berkeley Natl. Lab, Sweden

Dr. Ilya Klabukov

National Medical Research Radiological Center, Russia

Dr. Satish Kumar

University of Texas Rio Grande Valley, USA

Dr. Igor Malyshev

Moscow State University of Medicine and Dentistry, Russia

Dr. Roberto Manfredi

University of Bologna, Italy

Prof. Merlyn Sedano Mendioro

University of the Philippines Los Banos, Philippines

Dr. Lisa M. Minter

University of Massachusetts/Amherst, USA

Prof. Golder N. Wilson

TTUHSC, USA

Dr. Xiangru Xu

Yale University, USA

Prof. Gang Yang

Zhuji Affiliated Hospital of Shaoxing University, China

Dr. Barbara Zavan

University of Padova, Italy

Table of Contents

Volume 12 Number 5

May 2024

Research Progress of *PTCH1* Gene in Lung Cancer

C. Y. Liang, C. F. Wang 1

Research Progress of Bowel Preparation for Colonoscopy

Y. Q. Huang, X. P. Tan 10

Roles of Aqueous Extract of Marigold on Arsenic-Induced Oxidative Damage in Pancreatic Islet β -Cells

Z. Q. Mei, J. Dai, G. F. Liu, Z. S. He, S. Y. Gu 19

New Progress of CA125 Surveillance in Diagnosis and Treatment of Ovarian Cancer

K. W. Du, J. Y. Tang..... 35

Etiological Relationship between Hyperlipidemia and Acute Pancreatitis

H. H. Li, J. Li, X. P. Tan, Q. Zhang..... 45

Nucleotide Contribution to the Functioning of SERT, Na⁺/K⁺ ATPase and GPCR Proteins

W. R. Williams 61

Research Progress in Targeted Therapy for Esophageal Cancer

J. M. Hu, Y. H. Xu 77

Superficial Serrated Adenoma (SuSA): A New Subtype of Serrated Lesions

R. Chen, Q. Zhang..... 91

Oxidative Stress in Collegiate Cross Country Skiers in Mid- and Post-Seasons

S. P. Jerome, K. L. Dunlap, A. M. Parrish, M. L. Lowman, E. M. Shipman, L. K. Duffy, A. J. Reynolds..... 99

Increase in Organochlorine Contaminant Levels in Major Water Sources of the United States in Response to the Coronavirus Pandemic

W. Wilburn, S. Guha, R. Beni 111

Current Status of Clinical Application and Basic Research on *Draba nemerosa* Hebecarpa Jujube Lung-Diarrhoea Soup

Y. Fan..... 144

Etiological Agent, Pathogenesis, Diagnosis, Treatment, Measures for Prevention and Control of Caseous Lymphadenitis Disease in the Small Ruminants with Special Reference to Sheep

E. de la Fuente Mancera, A. C. Carrasco, S. M. Elvira..... 154

Current Topics in Acute Abdomen: Causes, Diagnostics, and Emerging Therapies

L. de Oliveira Varca, M. C. de Almeida Santo..... 171

Study on the Correlation between Adiponectin and Bone Mineral Density in Postmenopausal Women from Guangxi Zhuang Autonomous Region

Y. Li, P. Z. Shi, S. Y. Mo, J. H. Li, X. L. Ma, Z. Y. Fang, L. L. Huang, R. Q. Lu, J. H. Wang..... 178

Galvanic Skin Response—Extinction Biofeedback Training for Psychogenic Abdominal Pain: A Validation Protocol

M. Castelletti, E. Berné, E. D. C. Castagnoli, A. Montagna, G. Tonon 190

Cultivation Path of Nursing Undergraduates' Scientific Research and Innovation Ability

G. Y. Yang, Y. Zhao..... 202

Evidence-Based Complementary and Alternative Medicine Effects of Capybara Oil on Cardiac Remodeling of C57bl/6 Mice

R. M. Almeida, W. D. Giannetti, G. R. Silveira, C. R. Castilho, R. V. Lisboa, B. T. Ciambarella,
R. N. Ferreira, J. J. de Carvalho 213

Beta-HCG Levels and Ovarian Ultrasonography Results among Non-Pregnant Women of Reproductive Age in Port Harcourt, Nigeria: A Cross-Sectional Study

C. C. Agonsi, F. Anacletus, J. Aluko, C. Eleke, J. C. Samuel 233

Methods to Reduce the Hypoglycemic Mortality of Alloxan in Diabetic Rabbit Model

C. T. Luo, D. Luo, L. C. Chen, H. D. Zhou, R. Q. Zhou, J. H. Wei 242

Partial Fusion (F) Gene Analysis of Newcastle Disease Virus Detected in Pakistan during 2021-2022

M. D. Mehmood, H. A. Ul-Haq, R. Khalid, Y. Amin, M. U. Ghani, M. Ismail, R. Habib, F. Arshed,
A. R. Shaukat 256

Progress of Transmural Healing in Crohn's Disease

Y. N. Han, X. P. Tan..... 276

The Role of Abdominal CT in the Assessment of the Effectiveness of Gastric Lavage after Pesticide Poisoning

M. H. Gong, Z. D. Wan 293

Correlation between TGF β 1 Gene Polymorphism and Asthma in Baise, Guangxi Children

F. X. Cao, N. Lin, J. T. Lin, G. Yang, X. T. Wang..... 300

Multi-Organ Pathogenesis and Therapeutic Strategies for Cystic Fibrosis

O. Babatunde, O. W. David, R. I. Ikwugbado, O. Oyewole 312

Assessment of the Drafting Quality of Request Forms Submitted to the Malaria and Parasitology Units at the Institut Pasteur de Cote d'Ivoire

Y. Serge-Stéphane, A. A. B. Aristide, S. Beourou, O. Yacouba, N. T. Landry, N. K. Thierry-Borel,

T. A. Offianan 330

Factors Associated with Antiretroviral Therapy Defaulting among Adult Patients Receiving Care at Chikankata Mission Hospital, Chikankata District, Zambia

F. Paundi, E. Musenge, N. Nankamba 340

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: \$79 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 © 2024 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 © 2024 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

Call for Papers



Journal of Biosciences and Medicines

ISSN 2327-5081 (Print) ISSN 2327-509X (Online)
<https://www.scirp.org/journal/jbm>

Journal of Biosciences and Medicines is an international journal dedicated to the latest advancement in biosciences and medicines. 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 biosciences and medicines. All manuscripts must be prepared in English and are subject to a rigorous and fair peer-review process. Accepted papers will appear online within 3 weeks followed by printed hard copy.

The journal publishes original papers including but not limited to the following fields:

- Biochemistry
- Cancer Research
- Cardiovascular Research
- Cell and Molecular Biology
- Computation Genetics
- Ethics and Government
- Gene Therapy
- Genetic Counseling
- Genetics
- Immunology
- Medical Research
- Microbiology/Virology
- Molecular Diagnostics
- Nanotechnology and Biomedicine, including the Use of Viruses
- Neurology/Neuroscience
- Oncogenetics
- Pathology
- Pharmacology and Toxicology
- Physiology/Biophysics
- Stem Cell Research and Biomedicine, including Diabetes, Cardiovascular Disease, Spinal Cord Injuries, Dementia, Parkinson's Disease, Organ Transplantation
- The Use of "Rational Drug Design" Investigation

Website and E-mail

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

E-mail: jbm@scirp.org