

ISSN: 2327-5081    Volume 10, Number 9, September 2022



# 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, Turkey

**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. 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

**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 10 Number 9

September 2022

## Progress on the Pathogenesis and Treatment of Alzheimer's Disease

W. J. Lu, J. L. Jiang, S. H. Wang.....1

## Red Beetroot Juice and Stamina: An Experimental Study

G. Smirnova, P. Tretjakovs, A. Fedotova, R. Simanis, S. Vasiljeva, O. Suhorukovs, D. Seglina, I. Krasnova,  
V. Bartkevics, D. Babarykin.....18

## Antibiotics Resistance Profile of *Bacillus cereus* Strains Isolated from Soil and Pepper in Brazzaville

I. S. Onyankouang, N. P. M. D. Nieko, C. J. Morabandza, M. D. Kaya-Ongoto, C. P. Mounkala, E. Nguimbi.....30

## Contributions of Primary Health Care and Next Step Considerations: A Systematic Review

C. Ndubuisi, A. Ohadugha, U. Ndukwe.....41

## Knowledge and Practice of Handwashing among Health Care Workers as a Measure of Covid-19 Infection Prevention in Federal Medical Centre, Asaba

E. N. Esther, E. E. Okechukwu, A. A. Queen, A. Theresa, O. M. Ngozi, O. Phillipa, I. R. Ngozi, O. A. Ngozi,  
A. Stella, O. V. Azubuike.....48

## Genistein Mitigates the Gastro-Toxic Effects of Bisphenol A in Male Wistar Rats

A. O. Ige, O. O. Adebayo, B. O. Adele, A. O. Odetola, I. E. Emediog, E. O. Adewoye.....60

## Scenario-Based, Single Best, Multiple-Choice Questions (SB-SB-MCQs) in Basic Medical Sciences: An Exploratory Study about the Staff Awareness, Knowledge and Difficulties Encountered

M. Salih, O. Abdelbagi.....79

## Medication Non-Adherence and Disability among Outpatients with Schizophrenia in North-Central Nigeria

M. Y. Taru, L. I. Bamidele, A. O. Faith, T. F. Philip, E. L. Allagoa, O. H. Izevbokun.....86

## MDR1 Haplotypes and G2677T/A Polymorphism Predict Imatinib Response in Tunisian Patients with Chronic Myeloid Leukemia

M. Ammar, S. Ktari, M. Medhaffar, H. Ghozzi, M. Elloumi, A. Hammami, K. Zeghal, L. B. Mahmoud.....118

## Profile of Geriatric Trauma in a Developing Country

U. E. Anyaehie, O. Ede, O. N. Muoghalu, G. O. Eyichukwu, E. O. Agbo, E. D. Ubiomo, N. C. Ofodile,  
C. L. Ngwangwa, B. O. Ojus, S. O. Anigbamkpu, C. C. Nganwuchu.....132

<b>Blood Microbiota and Cancer: Cell Wall-Deficient L-Forms of Bacteria and Fungi as Cancer-Promoting Environment</b>	
N. Markova.....	148
<b>Maxillofacial Trauma at Dapaong in Togo: About 208 Cases</b>	
T. B. Essobiyou, S. Adam, M. F. Dargani, S. U. R. Boko, G. Ananidjin, A. P. Keheou, M. Issa, H. Bissa.....	160
<b>Summary of Experience in Treating Hyperthyroidism with TCM Syndrome Differentiation</b>	
X. Chen, L. L. Wang, Z. K. Liu, K. J. Ren, G. Qi.....	167
<b>Severe and Prolonged Hypocalcaemia Post Zoledronic Acid Infusion in a Patient with Sleeve Gastrectomy</b>	
A. Jeyaruban, B. Hall.....	174
<b>Sanger Sequencing for Molecular Diagnosis of SARS-CoV-2 Omicron Subvariants and Its Challenges</b>	
S. H. Lee.....	182
<b>Progress on the Pathogenesis and Treatment of OCD, AD and Depression</b>	
W. J. Lu, J. L. Jiang, S. H. Wang.....	224
<b>Use of Medicinal Cannabis for Palliative Care Patients: A Systematic Review</b>	
V. F. D. D. da Costa, W. S. R. de Carvalho.....	242
<b>Effects of Hepatitis B Virus Co-Infection and Antiretroviral Therapy on Disease Progression among HIV Patients Treated at the Buea Regional Hospital, Southwest Region, Cameroon: A Case-Control Study</b>	
H. D. Meriki, A. N. Betterdel, K. A. Tufon, P. N. Shitebongnju, D. N. Anong.....	253
<b>Qualitative Assessment of the Clinico-Pathological Features of Highly Pathogenic Avian Influenza H5N1 Outbreaks in Commercial Poultry and Peri-Domestic Birds in Northern Nigeria</b>	
N. O. Ameji, O. O. Oladele, A. W. Adanu, A. R. Jambalang, B. Inuwa, A. M. Haruna, C. A. Meseko.....	273
<b>Association between Immunological Thrombocytopenia and Thrombosis, Is It an Exotic Phenomenon?—A Case Report</b>	
M. Salah, S. Hamaz, H. Bachir, H. Alaoui, K. Serraj.....	289
<b>Astaxanthin Regulates PPAR-<math>\gamma</math>/NF-<math>\kappa</math>B Pathway to Mitigate Nerve Injury after Cerebral Ischemia/Reperfusion in Rats</b>	
M. Huo, Q. Zhang, Z. Y. Zhao, R. F. Xu, X. X. Zheng, G. Yang, J. Guo.....	294
<b>Isolation, Characterisation and Evaluation of Antiulcerogenic Potentials of Probiotic Lactic Acid Bacteria Isolated from Fermented Milk and Palm Wine against Ethanol-Induced Gastric Ulcer in Mice</b>	
F. A. Ngwa, B. T. Fossi, G. S. Taiwe, L. L. T. Tatsinkou, P. T. Bobga, M. T. Ndalloka, D. D. Lea, B. Y. Wanyu, S. Wanji.....	311

**Factors Influencing Hepatitis C Viral Infections in the Population of Algamosi Locality,  
Gezira State, Central Sudan**

Y. A. G. Mohamed, A. A. Doutoum, A. B. Mahamat, D. M. Doungous, A. A. Gabbad, R. M. Osmab.....332

**Dietary and Biochemical Profile of Congolese Athletes in Endurance Races during  
International Competition**

E. J. Bouhika, A. M. Boussana, P. R. M. Kounga, F. Nsompi, S. I. Moussouami, B. C. Mboutou, D. S. Lolo,  
R. A. B. Pambou, Y. S. Itoua-Okouango, M. Elenga, F. Mbemba.....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: \$39 per issue.

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 © 2022 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 © 2022 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](mailto: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 immediately appear online 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](mailto:jbm@scirp.org)