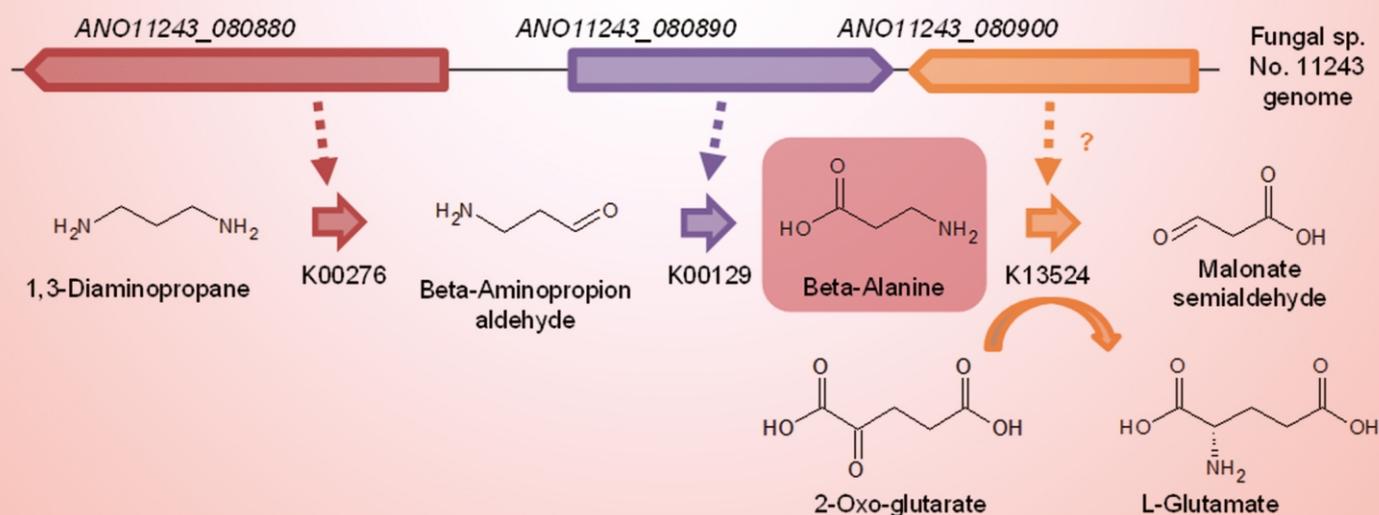


# Journal of Biosciences and Medicines



ISSN: 2327-5081



# Journal Editorial Board

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

<http://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 5 Number 7

July 2017

### Analysis of the Antimicrobial Properties of Thanaka, a Burmese Powder Used to Treat Acne

E. V. Seiverling, J. P. Trubiano, J. C. Williams, H. T. Ahrns, D. W. Craft, M. R. England.....1

### Role of Endotoxin and TNF in Developing NAFLD in Non-Obese Egyptian Patients

E. F. Mostafa, A. A. Farag, A. Metwally, E. F. Tantawy, F. Omran.....7

### Exploration of Activated Pathways for Improving Antifungal Agent FR901469 Productivity in Fungal Species No.11243 Using Comprehensive Pathway Model

I. Takeda, H. Itoh, M. Matsui, T. Shibata, M. Machida, S. Aburatani.....16

### A New Approach: Chronotherapy in Acute Blood Purification for Septic Shock

M. Yamato, Y. Minematsu.....32

### Auditory Health and Risk Factors in Rural Workers Exposed to Pesticides in Piedade de Caratinga County-Minas Gerais

P. C. S. Botelho, V. G. Rocha, T. R. Dutra, J. C. A. Feitosa, R. C. de Assis, T. S. Miguel,  
N. K. C. dos Anjos, D. A. da Costa, L. C. P. Lopes, L. L. V. Rocha.....37

### Advances in Effect of Germanium or Germanium Compounds on Animals—A Review

L. J. Li, T. Ruan, Y. Lyu, B. Y. Wu.....56

### Relationship between Category of Weight and Threshold of Maximum Oxidation of Lipids in Congolese Judoists

J. G. A. Moulongo, A. Massamba, J. Itoua Okemba, M. K. F. Néla, P. B. Tchissambou.....74

### Evaluation of Cytotoxicity of *Gossypium barbadense* L. Extract in Bone Cord Cells through the Micronucleus Test

T. D. de Oliveira, J. M. Rodrigues, T. S. Miguel, N. K. C. dos Anjos, J. C. de Abreu, L. L. V. Rocha,  
R. X. L. Dias, D. A. da Costa.....84

# Journal of Biosciences and Medicines (JBM)

## Journal Information

### SUBSCRIPTIONS

The *Journal of Biosciences and Medicines* (Online at Scientific Research Publishing, [www.SciRP.org](http://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 © 2017 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 © 2017 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**

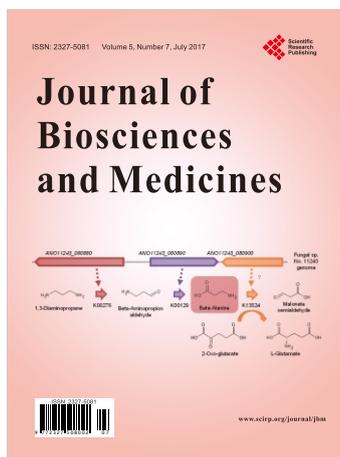
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any 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)

<http://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

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

E-mail: [jbm@scirp.org](mailto:jbm@scirp.org)