

ISSN: 2164-5388 Volume 14, Number 3, July 2024



Open Journal of Biophysics

BIOPHYSICS

ISSN: 2164-5388



9 772164 538002 03

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

Journal Editorial Board

ISSN Print: 2164-5388 ISSN Online: 2164-5396

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

Editor-in-Chief

Prof. W. John Martin

Institute of Progressive Medicine, USA

Associate Editors

Dr. Veysel Kayser

Massachusetts Institute of Technology, USA

Prof. Ganhui Lan

George Washington University, USA

Dr. Jaan Männik

University of Tennessee, USA

Prof. Sanbo Qin

Florida State University, USA

Dr. Bo Sun

Oregon State University, USA

Dr. Bin Tang

South University of Science and Technology of China, China

Editorial Board

Prof. Rabiul Ahasan

University of Oulu, Finland

Prof. Abass Alavi

University of Pennsylvania, USA

Prof. Chris Bystroff

Rensselaer Polytechnic Institute, USA

Dr. Luigi Maxmilian Caligiuri

University of Calabria, Italy

Prof. Robert H. Chow

University of Southern California, USA

Prof. Carmen Domene

University of Oxford, UK

Prof. Antonio José da Costa Filho

University of São Paulo, Brazil

Prof. Ferdinand Gasparyan

Yerevan State University, Armenia

Dr. John Kolega

State University of New York, USA

Dr. Pavel Kraikivski

Virginia Tech, USA

Dr. Gee A. Lau

University of Illinois at Urbana-Champaign, USA

Dr. Cherupally Laxmikanth

The University of Dodoma, Tanzania

Prof. Yves Mély

Louis Pasteur University, France

Dr. Monalisa Mukherjea

University of Pennsylvania, USA

Dr. Jerry Opoku-Ansah

University of Cape Coast, Ghana

Dr. Xiaodong Pang

Florida State University, USA

Prof. Arthur D. Rosen

Indiana University, USA

Prof. Brian Matthew Salzberg

University of Pennsylvania, USA

Dr. Preet Sharma

Midwestern State University, USA

Prof. Jianwei Shuai

Xiamen University, China

Prof. Alexander A. Spector

Johns Hopkins University, USA

Prof. Munekazu Yamakuchi

University of Rochester, USA

Table of Contents

Volume 14 Number 3

July 2024

Origin and Basic Mechanism of Life

J. Helm.....265

Human Eosinophil Cell Manipulation by Optical Tweezers

P. Yale, J. M. E. Konin, A. A.-B. N'guessan, M. A. Kouacou, J. T. Zoueu330

Open Journal of Biophysics (OJBIPHY)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Biophysics* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly 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.

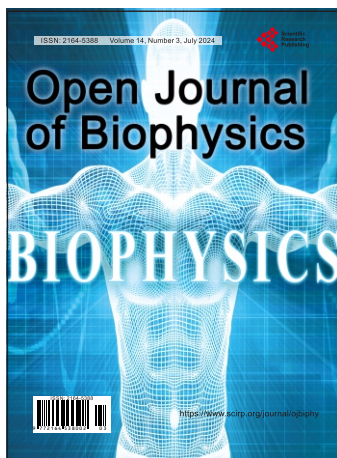
Disclaimer of liability

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: ojbiphy@scirp.org



Call_for_Papers

Open Journal of Biophysics

ISSN Print: 2164-5388 ISSN Online: 2164-5396

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

Open Journal of Biophysics (OJBIPHY) is an international journal dedicated to the latest advancements in biophysics. 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 biophysics.

Subject Coverage

All manuscripts must be prepared in English and are subject to a rigorous and fair peer-review process. Generally, 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:

- Bioelectromagnetics
- Bioenergetics
- Bioinformatics and Computational Biophysics
- Biological Imaging
- Biomedical Imaging and Bioengineering
- Biophysics of Disease
- Biophysics of Photosynthesis
- Cardiovascular Biophysics
- Cell Biophysics
- Medical Biophysics
- Membrane Biophysics
- Molecular Biophysics and Structural Biology
- Physical Methods
- Physiology and Biophysics of the Inner Ear
- Proteins and Nucleic Acids Biophysics
- Radiobiology
- Receptors and Ionic Channels Biophysics
- Sensory Biophysics and Neurophysiology
- Systems Biophysics
- Theoretical and Mathematical Biophysics

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 have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

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

E-mail: ojbiphy@scirp.org

