

# Neuroscience and Medicine



A detailed 3D rendering of a cluster of neurons against a dark blue background. The neurons are depicted in shades of blue and white, with glowing red and yellow spots representing cellular structures or activity. Some neurons are in sharp focus in the foreground, while others are blurred in the background.

ISSN: 2158-2912



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

# Journal Editorial Board

ISSN: 2158-2912 (Print) ISSN: 2158-2947 (Online)

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

---

## Editor-in-Chief

**Prof. Thomas Müller**

St. Joseph Hospital Berlin-Weißensee, Germany

## Editorial Board

<b>Prof. Mohammad Abu-Hegazy</b>	Mansoura University, Egypt
<b>Dr. Craig Stephen Atwood</b>	University of Wisconsin, USA
<b>Prof. Ben A. Bahr</b>	University of North Carolina, USA
<b>Prof. Jackson C. Bittencourt</b>	University of Sao Paulo, Brazil
<b>Prof. Gerson Chadi</b>	University of Sao Paulo, Brazil
<b>Prof. Malay Chatterjee</b>	Jadavpur University, India
<b>Prof. Gamal H. A. El-Sokkary</b>	Assiut University, Egypt
<b>Dr. Paula C. R. P. Faria</b>	Polytechnic Institute of Leiria (IPL), Portugal
<b>Prof. Claire Louise Gibson</b>	University of Leicester, UK
<b>Prof. Deborah Ann Hall</b>	Rush University, USA
<b>Dr. Hui Jin</b>	The Feinstein Institute for Medical Research, USA
<b>Prof. Hee Tae Kim</b>	Hanyang University, South Korea
<b>Dr. Athanasia Kotini</b>	Democritus University of Thrace, Greece
<b>Prof. Nikolai E. Lazarov</b>	Medical University of Sofia, Bulgaria
<b>Prof. K. P. Mohanakumar</b>	Indian Institute of Chemical Biology, India
<b>Prof. Matteo Antonio Russo</b>	University of Rome, Italy
<b>Prof. Ayman I. Sayegh</b>	Tuskegee University, USA
<b>Dr. Rwik Sen</b>	Active Motif, Incorporated, USA
<b>Prof. Bing-Wen Soong</b>	National Yang-Ming University, Chinese Taipei
<b>Prof. Hermona Soreq</b>	The Hebrew University of Jerusalem, Israel
<b>Prof. Maria Giuliana Vannucchi</b>	University of Florence, Italy
<b>Prof. David Vauzour</b>	University of East Anglia, UK
<b>Prof. Moo-Ho Won</b>	Hallym University, South Korea
<b>Prof. Yukihiko Yasui</b>	Shimane University, Japan
<b>Prof. Ken Kin Lam Yung</b>	Hong Kong Baptist University, China

## Table of Contents

Volume 15 Number 1

March 2024

**Neurocognitive Profile of People Living with Human Immunodeficiency Virus Initiating Treatment in Kinshasa in the Dolutegravir Era, Democratic Republic of Congo**

- C. A. Kabamba, B. I. Bongenya, J. E. Nonga, L. O. Losenga, N. M. Dikati, T. K. Ntumba, G. I. Booto, R. D. Dembo, S. M. Selenge, B. O. Kabengele, G. M. M. Bumoko, M.-T. A. S. Sombo, E. N. Kamangu ..... 1

**Management of Spontaneous Intracerebral Haemorrhage (sICH) at the University Hospital of Brazzaville (CONGO)**

- E. M. H. Brieux, N. N. L. Exaucée, D. J. Euberma, B. K. R. Gerald, N. O. Brice, M. G. Armel, B. Léon, O.-N. P. Macaire..... 23

**Short, Medium, and Long-Term Stroke Mortality in Libreville and Associated Factors**

- G. A. M. Matsalou, J. N. Mapaga, P. M. Gnigone, M. P. Michael, C. M. Mboumba, C. A. Mahutondji, A. I. Camara, A. A. Nsounda, N. D. Mbourou, M.-A. Saphou-Damon, E. A. Bivigou, P. K. Ndouongo ..... 39

**Neurological Manifestations of Vitamin B12 Deficiency: About a Case**

- E. Yangatimbi, D. L. Grenaba, J. P. Kinima, L. Kpengougna, J. Tchebemou, C. V. Ndouillet, P. Mbelesso ..... 51

**Carpel Tunnel Syndrome: A Link with Vitamin D, Body Mass Index and Hyperlipidemia**

- F. A. Zakaria, T. A. Alsufayan, M. B. Alsahly..... 55

**Neuropsychological Profile of a Patient with Acquired Brain Damage Following Vascular Lesion of the Left Anterior Cingulate Cortex**

- J. Zúñiga-Márquez, L. Borda-Camargo, D. Buitrago-Mora, L. Guerra-Valdés, L. González, P. Quintero-Cusgüen, N. Gutierrez-Ávila ..... 66

## **Neuroscience and Medicine (NM)**

### **Journal Information**

#### **SUBSCRIPTIONS**

The *Neuroscience and Medicine* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly by Scientific Research Publishing, Inc., USA.

##### **Subscription rates:**

Print: \$79 per copy.

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 © 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.

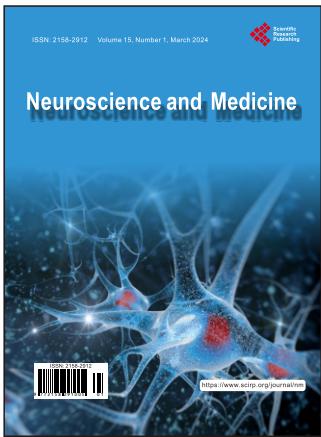
##### **Disclaimer of liability**

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: [nm@scirp.org](mailto:nm@scirp.org)



## Call for Papers

# Neuroscience and Medicine

**ISSN: 2158-2912 (Print) ISSN: 2158-2947 (Online)**  
**<https://www.scirp.org/journal/nm>**

**Neuroscience & Medicine (NM)** is a peer reviewed international journal dedicated to the latest advancement of neuroscience. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

### Editor-in-Chief

Prof. Thomas Müller

### Editorial Board

Prof. Mohammad Abu-Hegazy  
Dr. Craig Stephen Atwood  
Prof. Ben A. Bahr  
Prof. Jackson C. Bittencourt  
Prof. Gerson Chadi  
Prof. Malay Chatterjee  
Prof. Gamal H. A. El-Sokkary  
Dr. Paula C. R. P. Faria  
Prof. Claire Louise Gibson

Prof. Deborah Ann Hall  
Dr. Hui Jin  
Prof. Hee Tae Kim  
Dr. Athanasia Kotini  
Prof. Nikolai E. Lazarov  
Prof. K. P. Mohanakumar  
Prof. Matteo Antonio Russo  
Prof. Ayman I. Sayegh  
Dr. Rwik Sen

Prof. Bing-Wen Soong  
Prof. Hermona Soreq  
Prof. Maria Giuliana Vannucchi  
Prof. David Vauzour  
Prof. Moo-Ho Won  
Prof. Yukihiko Yasui  
Prof. Ken Kin Lam Yung

### Subject Coverage

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

- Alzheimer's Disease
- Autonomic Nervous System
- Biological Psychology
- Cell Proliferation
- Dimorphic Sexual-Behavior
- Drug/Alcohol Effects
- Hebbian Learning
- Hypothalamic-Pituitary-Gonadal Axis
- Memory Loss
- Neurobiology
- Neurocytology
- Neuroendocrinology
- Neuroimmunology
- Neuroinflammation, Neuronal Cell Death, Neurodegeneration
- Neurology
- Neurosurgery
- Neurotransmitters
- Organizational/Activational Effects of Hormones
- Parkinson's Disease
- Physiological Psychology
- Protein Trafficking
- Sensory Processing
- Social Neuroscience
- Ubiquitin/Proteasome Pathway
- Voltage-Gated Ion Channels

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the NM.

### Notes for Intending Authors

All manuscripts submitted to NM must be previously unpublished and may not be considered for publication elsewhere at any time during NM's review period. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. Additionally, accepted ones will immediately appear online followed by printed in hard copy. For more details about the submissions, please access the website.

### Website and E-Mail

<https://www.scirp.org/journal/nm>      E-mail: nm@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



**Website:** <https://www.scirp.org>

**Subscription:** [sub@scirp.org](mailto:sub@scirp.org)

**Advertisement:** [service@scirp.org](mailto:service@scirp.org)