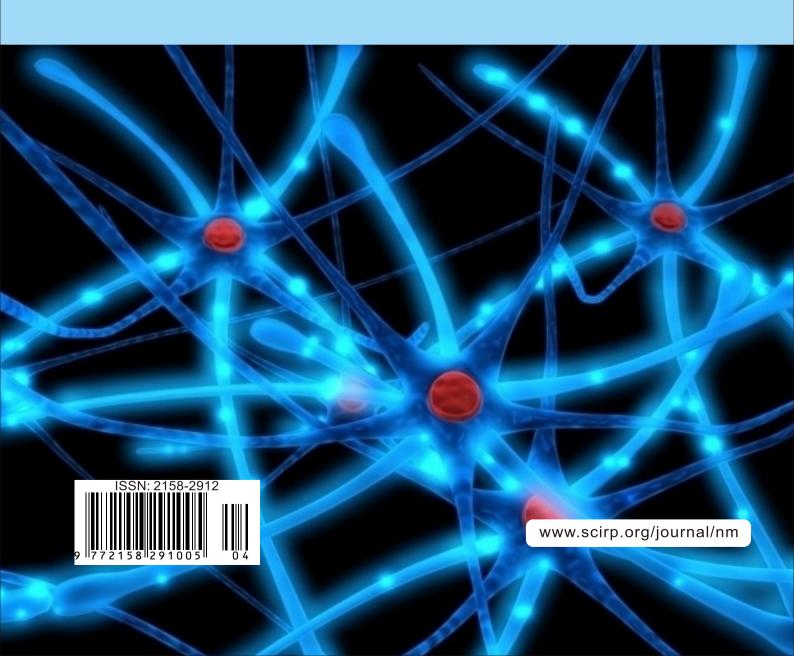


# Neuroscience and Medicine



## **Journal Editorial Board**

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

http://www.scirp.org/journal/nm

.....

#### **Editor-in-Chief**

Prof. Thomas Müller St. Joseph Hospital Berlin-Weißensee, Germany

#### **Editorial Board**

**Dr. Craig Stephen Atwood** University of Wisconsin, USA

Prof. Ben A. Bahr University of North Carolina, USA

Prof. Jackson C. Bittencourt University of Sao Paulo, Brazil

Prof. Gerson Chadi University of Sao Paulo, Brazil

Prof. Malay Chatterjee Jadavpur University, India

Prof. Gamal H. A. El-Sokkary Assiut University, Egypt

Dr. Paula C. R. P. Faria Polytechnic Institute of Leiria (IPL), Portugal

Prof. Claire Louise Gibson University of Leicester, UK

Prof. Deborah Ann Hall Rush University, USA

**Prof. Hee Tae Kim** Hanyang University, South Korea

Dr. Athanasia Kotini Democritus University of Thrace, Greece

**Prof. Nikolai E. Lazarov** Medical University of Sofia, Bulgaria

**Prof. K. P. Mohanakumar** Indian Institute of Chemical Biology, India

Prof. George Perry The University of Texas, USA

Prof. Matteo Antonio Russo University of Rome, Italy

Prof. Ayman I. Sayegh Tuskegee University, USA

**Prof. John Raymond Smythies** University of California, USA

**Prof. Bing-Wen Soong** National Yang-Ming University, Chinese Taipei

**Prof. Hermona Soreq** The Hebrew University of Jerusalem, Israel

**Prof. Maria Giuliana Vannucchi** University of Florence, Italy

Prof. David Vauzour University of East Anglia, UK

Prof. Moo-Ho Won Hallym University, South Korea

Prof. Yukihiko Yasui Shimane University, Japan

Prof. Ken Kin Lam Yung Hong Kong Baptist University, China



Volume 7 Number 4

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

December 2016

# **Table of Contents**

| Critical Analysis of Children's Drawings as a Diagnostic Tool for Body Schema<br>and Body Image Disorder in Cerebral Palsy |     |
|--|-----|
| R. Lampe, I. Lützow, T. Blumenstein, V. Turova, A. Alves-Pinto   | 133 |
| Randomized Controlled Pilot Trial of Truncal Exercises after Stroke to Improve Gait and Muscle Activity                    |     |
| B. S. Park, J. W. Noh, M. Y. Kim, L. K. Lee, S. M. Yang, W. D. Lee, Y. S. Shin, J. H. Kim, J. U. Lee, B. Y. Hwang, J. Kim. | 149 |
| Nonsurgical Management of the Brain's Trauma in the University Hospital of Brazzaville                                     |     |
| H. B. E. Mbaki, M. Elombila, O. B. Ngackosso, B. S. Kinata, L. Boukassa, G. F. Otiobanda                                   | 157 |

# Neuroscience and Medicine (NM) Journal Information

#### **SUBSCRIPTIONS**

The *Neuroscience and Medicine* (Online at Scientific Research Publishing, <a href="www.SciRP.org">www.SciRP.org</a>) 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

#### **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 © 2016 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 © 2016 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



### Call for Papers

# Neuroscience and Medicine

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

http://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**

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

Prof. Hee Tae Kim

Dr. Athanasia Kotini Prof. Nikolai E. Lazarov

Prof. K. P. Mohanakumar

Prof. George Perry

Prof. Matteo Antonio Russo

Prof. Ayman I. Sayegh

Prof. John Raymond Smythies

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

http://www.scirp.org/journal/nm

Email: nm@scirp.org