Editor-in-Chief

Prof. Ana Adan
University of Barcelona, Spain

Editorial Board

Prof. Jafri Malin Abdullah
University Sains Malaysia, Malaysia
Prof. Gjumrakch Aliev
University of Atlanta, USA
Dr. Raymond Chuen-Chung Chang
University of Hong Kong, China
Dr. Alexandre Croquelois
University of Lausanne, Switzerland
Dr. Manoj P. Dandekar
The University of Texas Health Science Center at Houston, USA
Dr. Valentina Echeverria
Bay Pines Veterans Affairs Healthcare System, USA
Dr. Cheng-Xin Gong
New York State Institute for Basic Research in Developmental Disabilities, USA
Prof. Maria Paz Loayza Hidalgo
Universidade Federal do Rio Grande do Sul, Brazil
Dr. Chella Kamarajan
SUNY Downstate Medical Center, USA
Dr. James J. Levitt
Brockton VA Medical Center, USA
Dr. Panchanan Maiti
Central Michigan University, USA
Dr. Liana Lins Melo
Universidade Federal de São Paulo, Brazil
Dr. Mindy J. D. Miserendino
Sacred Heart University, USA
Prof. José Francisco Navarro
University of Málaga, Spain
Prof. George Perry
University of Texas at San Antonio, USA
Dr. Arcady Putilov
Research Institute for Molecular Biology and Biophysics, Russia
Dr. Mohammad Shahnawaz
University of Texas Health Science Center at Houston, USA
Prof. Karam F. A. Soliman
Florida A&M University, USA
Prof. Makio Takeda
Kobe University, Japan
Prof. Wai Kwong Tang
Shatin Hospital, China
Dr. M. Afzal Upal
Defence Research & Development, Canada
Prof. Xin-Fu Zhou
University of South Australia, Australia
# Table of Contents

Volume 8  Number 5  May 2018

**Health-Related Quality of Life of Experts Who Worked in Air Disasters in São Paulo, Brazil**
V. A. P. Gianvecchio, D. R. Muñoz, C. L. P. Lancellotti

**Using Vibraimage Technology to Analyze the Psychophysiological State of a Person during Opposite Stimuli Presentation**
V. Minkin, E. M. Myasnikova

**Effect of Chronic Administration of Cadmium on Anxiety-Like, Depression-Like and Memory Deficits in Male and Female Rats: Possible Involvement of Oxidative Stress Mechanism**

**Role of the Dorsal Anterior Cingulate Cortex in Relational Memory Formation: A Deep Brain Activity Index Study**
A. Araki, E. Imai, Y. Katagiri

**Spatiotemporal Neural Activity Changes in the Molluscan Olfactory Center Specifically Induced by Innately Aversive and In Vitro Aversively Conditioned Odors**
K. Ishida, M. Murata, K. Hashiguchi, Y. Komatsuzaki, S. Watanabe, M. Saito

**Neuroimaging Strategies Addressing Challenges in Using fMRI for the Children with Cerebral Palsy**
J. J. Lee-Park, H. Deshpande, J. Lisinski, S. LaConte, S. Ramey, S. DeLuca

**Addressing the Negative Self-Concept in Posttraumatic Stress Disorder by a Three-Session Programme of Cognitive Restructuring and Imagery Modification (CRIM-PTSD): A Case Study**
M. Müller-Engelmann, K. Hadouch, R. Steil
Journal of Behavioral and Brain Science (JBBS)

Journal Information

SUBSCRIPTIONS


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)
E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:
Copyright © 2018 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 © 2018 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: jbbs@scirp.org
Journal of Behavioral and Brain Science (JBBS) is an international journal dedicated to the latest advancement of behavioural and brain function. Articles dealing with the neuroanatomical and neurochemical basis of behavior are especially welcomed. Multidisciplinary contributions from all fields of the neurosciences are encouraged so long as emphasis is placed in investigating the biological substrates of behavior and of mental processes underlying behavior.

Editor-in-Chief
Prof. Ana Adan
University of Barcelona, Spain

Editorial Board
Prof. Jafri Malin Abdullah
Prof. Gjunrakl Aliev
Dr. Raymond Chuen-Chung Chang
Dr. Alexandre Croqueilois
Dr. Manoj P. Dandekar
Dr. Valentina Echeverria
Dr. Cheng-Xin Gong
Prof. Maria Paz Loayza Hidalgo
Dr. Chella Kamarajan
Dr. James J. Levitt
Dr. Panchanan Maiti
Dr. Liana Lins Melo
Dr. Mindy J. D. Miserendino
Prof. José Francisco Navarro
Prof. George Perry
Dr. Arcady Putilov
Dr. Mohammad Shahnawaz
Prof. Karam F. A. Soliman
Prof. Makio Takeda
Prof. Wai Kwong Tang
Dr. M. Afzal Upal
Prof. Xin-Fu Zhou

Subject Coverage
This journal invites original research and review papers that address the following issues in Behavioral and Brain Science. Topics of interest include, but are not limited to:

- Behavioural Science
- Cognitive Neuroscience
- Neurobiology
- Neuroimaging
- Neurology
- Neuropharmacology and Psychopharmacology
- Neurosurgery
- Neurotoxicology
- Psychiatry

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 JBBS.

Notes for Intending Authors
Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handle electronically through the website. All papers are refereed through a peer review process. Authors are responsible for having their papers checked for style and grammar prior to submission to JBBS. For more details about the submissions, please access the website.

Website and E-Mail
http://www.scirp.org/journal/jbbs  E-mail: jbbs@scirp.org