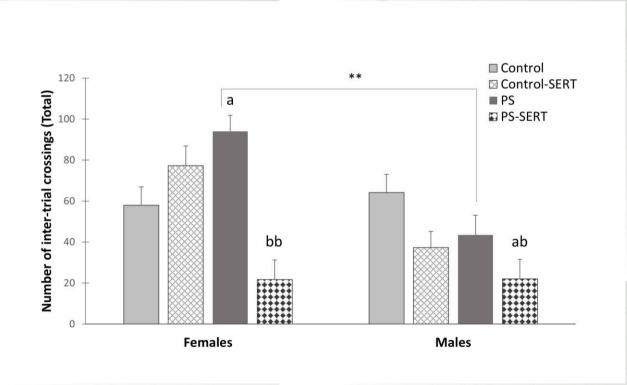


Journal of Behavioral and Brain Science

Special Issue on Stress and Behavior





Journal Editorial Board

ISSN Print: 2160-5866 ISSN Online: 2160-5874

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

......

Editor-in-Chief

Prof. Ana Adan University of Barcelona, Spain

Editorial Board

Prof. Jafri Malin Abdullah University Sains Malaysia, Malaysia

Prof. Saleh Mohammad Al-Hussain Jordan University of Science and Technology, Jordan

Prof. Declan William AliUniversity of Alberta, CanadaProf. Gjumrakch AlievUniversity of Atlanta, USADr. Juan J. CanalesUniversity of Leicester, UKDr. Raymond Chuen-Chung ChangUniversity of Hong Kong, ChinaDr. Alexandre CroqueloisUniversity of Lausanne, Switzerland

Prof. Valentina Echeverria Bay Pines Veterans Affairs Healthcare System, USA

Dr. Cheng-Xin GongNew York State Institute for Basic Research in Developmental Disabilities, USA

Prof. Yasuo Iwasaki Department of Neurology Toho University Omori Hospital, Japan

Dr. Chella KamarajanSUNY Downstate Medical Center, USADr. James J. LevittBrockton VA Medical Center, USADr. Liana Lins MeloUniversidade Federal de São Paulo, BrazilProf. Coorda ParryUniversity of Tayas at San Antonio, USA

Prof. George Perry
University of Texas at San Antonio, USA
Dr. Arcady Putilov
Research Institute for Molecular Biology and Biophysics, Russia

Prof. Vijay K. Sharma National University Hospital, Singapore

Prof. Karam F. A. SolimanFlorida A&M University, USAProf. Makio TakedaKobe University, Japan

Prof. Wai Kwong Tang

Dr. M. Afzal Upal

Shatin Hospital, China

Defence Research & Development, Canada

Prof. Xin-Fu Zhou Flinders University, Australia



Table of Contents

Volume 5 Number 7	uly 2015
Administration of Zinc with Paroxetine Improved the Forced Swim Test Behavioral Pattern of Treated Mice in Acute and Sub-Acute Study	
H. El Refaey, H. S. Al Amri, A. E. Ashour, A. F. Ahmed	213
Differential Effect of Acute Stress on Visuospatial Working Memory and Sexual Motivation in Male Rats	
M. Hernández-González, E. Hernández-Arteaga, M. L. Almanza-Sepúlveda, M. Á. Guevara	221
Developing and Evaluating the Effectiveness of the Behavioral-Cognitive-Metacognitive Intervention on the Severity of Obsessive-Compulsive Disorder's Symptoms	
M. Nikfarjam, M. Rabiei, V. Donyavi, A. M. Rahnejat	231
EEG Correlations during WCST Performance in Female Adolescents with Sexual Abuse-Related Post-Traumatic Stress Disorder	
L. E. Rizo-Martínez, A. Sanz-Martin, M. Á. Guevara, M. Hernández-González, O. Inozemtseva, F. A. Robles-Aguirre	239
Sex-Dependent Effects of Prenatal Stress on Learned Helplessness and Anxiety-Related Behaviours in Wistar Rats	
I. Pereira-Figueiredo, C. Sancho, J. Carro, D. E. López, R. Gómez-Nieto, O. Castellano	251
Dual PINK Mutant and A642-Dependent Lifespan Shorten and Flight Impairment in Transgenic Drosophila Partially Alleviates by a <i>Lactococcus lactis</i> Supplemented Diet	
D. G. Ko, Y. B. Eun, J. U. Na, ST. Kim	266
Curricular Content Level of Complexity Is a Factor of Depression and Learning in Medical Student	ts
R. G. Guzmán, M. E. Urrutia-Aguilar	274
Individual Differences in Stress Responsiveness of the Hypothalamic-Pituitary-Adrenal Axis and Its Vasopressinergic Regulation in Old Monkeys	
N. D. Goncharova, V. Yu. Marenin, T. E. Oganyan	280
Experimental Models for Research in Stress and Behavior	
J. J. Robert-McComb, S. Casey, Y. Kim, M. Hart, R. Norman, X. Qian	295

Journal of Behavioral and Brain Science, 2015, 5, 213-331

Published Online July 2015 in SciRes. http://www.scirp.org/journal/jbbs



Neonatal Isolation Stress Inhibits Pre-Weaning Weight Gain and Mild-Stressor Induced Locomotor Activity in Early Adolescent Male and Female Rats	
P. Villavecchia, M. J. D. Miserendino	306
2,5-Dihydro-2,4,5-Trimethylthiazoline (TMT)-Induced Neuronal Activation Pattern and Behavioral Fear Response in GAD67 Mice	
K. Janitzky, O. Prellwitz, H. Schwegler, Y. Yanagawa, T. Roskoden	318

Journal of Behavioral and Brain Science (JBBS)

Journal Information

SUBSCRIPTIONS

The *Journal of Behavioral and Brain Science* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly 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 © 2015 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 © 2015 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

Call for Papers



Journal of Behavioral and Brain Science

ISSN: 2160-5866 (Print) ISSN: 2160-5874 (Online)

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

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. Saleh Mohammad Al-Hussain Prof. Declan William Ali Prof. Gjumrakch Aliev Dr. Juan J. Canales Dr. Raymond Chuen-Chung Chang Dr. Alexandre Croquelois Prof. Valentina Echeverria Dr. Cheng-Xin Gong Prof. Yasuo Iwasaki Dr. Chella Kamarajan Dr. James J. Levitt Dr. Liana Lins Melo Prof. George Perry Dr. Arcady Putilov Prof. Vijay K. Sharma 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 bioscience and biotechnology. Topics of interest include, but are not limited to:

- Cognitive Neuroscience
- Neurobiology
- Neurology

- Neuropharmacology and Psychopharmacology
- Neurosurgery
- 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