

# Advances in Parkinson's Disease



www.scirp.org/journal/apd

# **Journal Editorial Board**

ISSN 2169-9712 (Print) ISSN 2169-9720 (Online) http://www.scirp.org/journal/apd

#### **Editorial Board**

Prof. Kambiz N. Alavian	Yale University, USA
Prof. Linan Chen	The University of Chicago, USA
Dr. Yansheng Du	Indiana University School of Medicine, USA
Prof. Behzad Elahi	University of Toronto, Canada
Dr. Eveline Geiser	Massachusetts Institute of Technology, USA
Prof. Corey R. Hopkins	Vanderbilt University Medical Center, USA
Dr. Krisztina K. Johansen	St. Olavs Hospital, Norway
Dr. Orhan Tansel Korkmaz	University of Eskisehir Osmangazi, Turkey
Dr. Robert LeMoyne	Independent, USA
Prof. Xinmin Liu	Columbia University Medical Center, USA
Prof. Maja Diana Neely	Vanderbilt Kennedy Center for Research on Human Development, USA
Prof. Joe Robert Nocera	Emory University, USA
Prof. Zhen Qi	Georgia Institute of Technology, USA
Prof. Laura Rocchi	University of Bologna, Italy
Prof. John Thomas Slevin	University of Kentucky College of Medicine, USA
Prof. Wanli W. Smith	University of Maryland, USA
Prof. Andrei Surguchov	VA Medical Center and Kansas University Medical Center, USA
Prof. Anusha Venkatakrishnan	ICF International, Inc., USA
Prof. James Tin Hang Yip	The University of Hong Kong, China

#### **Academic Editor**

Prof. Marie-Helene Saint-Hilaire

Boston University Medical Center, USA



## **Table of Contents**

#### Volume 6 Number 4

#### November 2017

Medication Side Effect Profiles in PD Patients in a Safety-Net Hospital	
D. C. Sisniega, D. Madhusudhan, E. Rahmani, R. McInnis, J. Weinberg, MH. Saint-Hilaire, A. D. Hohler	101
Lack of Evidence for Decreased Protein Stability in the 2397 (Met) Haplotype of the Leucine Rich Repeat Kinase 2 Protein Implicated in Parkinson's Disease	
R. S. Anderton, L. Hill, R. Morris, F. L. Mastaglia, W. Greene, S. Boulos	113
Body Balance and Core Training in Parkinson's Disease: A Longitudinal Crossover Study	

A. Ruben, B. Luca, P. Matteo, D. L. Piergiacomo, A. D. Federico, G. Massimiliano.....124

#### Advances in Parkinson's Disease (APD) Journal Information

#### **SUBSCRIPTIONS**

The *Advances in Parkinson's Disease* (Online at Scientific Research Publishing, <u>www.SciRP.org</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$59 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

#### 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: <u>sub@scirp.org</u>

#### COPYRIGHT

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2017 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 © 2017 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.

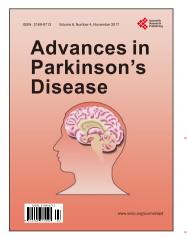
#### Disclaimer of liability

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: apd@scirp.org

### Call for Papers



# Advances in Parkinson's Disease (APD)

#### ISSN 2169-9712 (Print) ISSN 2169-9720 (Online)

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

Advances in Parkinson's Disease (APD) is a quarterly open access journal. 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 all aspects of Parkinson's disease.

#### Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed in hard copy. The areas covered by Advances in Parkinson's disease (APD) include but are not limited to:

- Diagnosis and treatment of Parkinson's disease
- Epidemiological studies of Parkinson's disease
- Etiology of Parkinson's disease
- Genetics of Parkinson's disease
- Molecular correlates of Parkinson's disease
- Parkinsonian gait
- Pathogenesis of Parkinson's disease
- Pharmacology of Parkinson's disease
- Psychology of Parkinson's disease
- Signs and symptoms of Parkinson's disease

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

http://www.scirp.org/journal/apd E-mail: apd@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?

Art and Design Review

Advances in

dvances in Biological bemistry Entomolog

Applied Mathematics

Engineering

nii ili a

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



Soft

Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org