

Open Journal of Endocrine and Metabolic Diseases



Journal Editorial Board

ISSN Print: 2165-7424 ISSN Online: 2165-7432 http://www.scirp.org/journal/ojemd

Editors-in-Chief

| Prof. Aline Marcadenti | Federal University of Health Sciences of Porto Alegre, Brazil |
|------------------------|---|
| Prof. Yuh-Min Song | Taichung Veterans General Hospital, Chinese Taipei |

Editorial Board

| Prof. Belinda R. Beck | Griffith University, Australia |
|-----------------------------|--|
| Dr. Paola Bellosta | CiBio University of Trento, Italy |
| Dr. Huan Cai | National Institute on Aging/National Institutes of Health, USA |
| Dr. Chong-Chi Chiu | Chi-Mei Medical Center, Chinese Taipei |
| Prof. Sang Ho Choi | Seoul National University, South Korea |
| Prof. Fernando Cordido | University of A Coruña, Spain |
| Dr. Zhongquan Dai | China Astronaut Research and Training Center, China |
| Prof. Daniel Y. C. Fung | Kansas State University, USA |
| Dr. Arumugam R. Jayakumar | University of Miami, USA |
| Dr. Li Ji | University of Mississippi Medical Center, USA |
| Dr. Udaya M. Kabadi | VA Medical Center, USA |
| Prof. Wan Lee | Dongguk University School of Medicine, North Korea |
| Prof. Mohammad R. Movahed | University of Arizona College of Medicine, USA |
| Prof. Kei Nakajima | Josai University, Japan |
| Dr. Khue Vu Nguyen | University of California, USA |
| Prof. Lawrence C. Perlmuter | Rosalind Franklin University of Medicine, USA |
| Dr. Pandurangan Ramaraj | A. T. Still University, Kirksville, Missouri, USA |
| Dr. Wen-Jun Shen | Stanford University, USA |
| Dr. Weiwei Song | Temple University School of Medicine, USA |
| Dr. Mukesh Tiwari | North Shore University Hospital, USA |
| | |



Table of Contents

Volume 8 Number 8

August 2018

Immunogenicity, Safety and Efficacy Comparison of Wockhardt's Biosimilar Insulin Glargine—Glaritus' with Reference Product— Lantus': Study Protocol & Early Data Trends

| S. K. Sharma, A. K. Ajmani, P. Khosla, P. Mukhopadhyay, G. Bhatia, K. G. Prakash, G. Chhaya, P. D. Supe, | |
|--|-----|
| V. Pavithran, H. Bora, R. Jain, S. Ingole, A. Shah | 157 |

Open Journal of Endocrine and Metabolic Diseases (OJEMD) Journal Information

SUBSCRIPTIONS

Open Journal of Endocrine and Metabolic Diseases (Online at Scientific Research Publishing, <u>www.SciRP.org</u>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$79 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 © 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: <u>ojemd@scirp.org</u>

Call for Papers

Open Journal of Endocrine and Metabolic Diseases

Scientific Research Publishing

SSN: 2185-7424 Volume 8 Number 8 Aurust 2018



Open Journal of Endocrine and Metabolic Diseases

ISSN Print: 2165-7424 ISSN Online: 2165-7432 http://www.scirp.org/journal/ojemd

Open Journal of Endocrine and Metabolic Diseases (OJEMD) is an international journal dedicated to the latest advancement in endocrine and metabolic diseases. 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 different areas of endocrine and metabolic diseases.

Editorial Board

Prof. Belinda R. Beck Dr. Paola Bellosta Dr. Huan Cai Dr. Chong-Chi Chiu Prof. Sang Ho Choi Prof. Fernando Cordido Dr. Zhongquan Dai Prof. Daniel Y. C. Fung Dr. Arumugam R. Jayakumar Dr. Li Ji Dr. Udaya M. Kabadi Prof. Wan Lee Prof. Mohammad R. Movahed Prof. Kei Nakajima Dr. Khue Vu Nguyen Prof. Lawrence C. Perlmuter Dr. Pandurangan Ramaraj Dr. Wen-Jun Shen Dr. Weiwei Song Dr. Mukesh Tiwari

Griffith University, Australia CiBio University of Trento, Italy National Institute on Aging/National Institutes of Health, USA Chi-Mei Medical Center, Chinese Taipei Seoul National University, South Korea University of A Coruña, Spain China Astronaut Research and Training Center, China Kansas State University, USA University of Miami, USA University of Mississippi Medical Center, USA VA Medical Center, USA Dongguk University School of Medicine, North Korea University of Arizona College of Medicine, USA Josai University, Japan University of California, USA Rosalind Franklin University of Medicine, USA A. T. Still University, Kirksville, Missouri, USA Stanford University, USA Temple University School of Medicine, USA North Shore University Hospital, USA

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

| Bone and Mineral Metabolism Cell Metabolism Clinical Endocrinology Clinical Nutrition and Metabolism Dermato-Endocrinology Diabetes Mellitus Diabetes, Obesity and Metabolism Diabetology and Metabolic Syndrome | Endocrine Pathology Inherited Metabolic Disease Metabolic Brain Disease Metabolic Engineering Metabolomics Molecular and Cellular Endocrinology Molecular Genetics and Metabolism Neuroendocrinology |
|---|---|
| Diabetology and Metabolic Syndrome Diseases of the Pancreas | |
| Diseases of the Pancreas Drug Metabolism & Toxicology | Nutrition, Metabolism and Cardiovascular Diseases Pediatric Endocrinology |
| Endocrine & Metabolic Disorders | Psychoneuroendocrinology |
| Endocrine Disorders | Reproductive Biology and Endocrinology |

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.

Website and E-mail

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

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

Advances in Biological

Entomolog

Applied Mathematics

Engineering

nii il 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