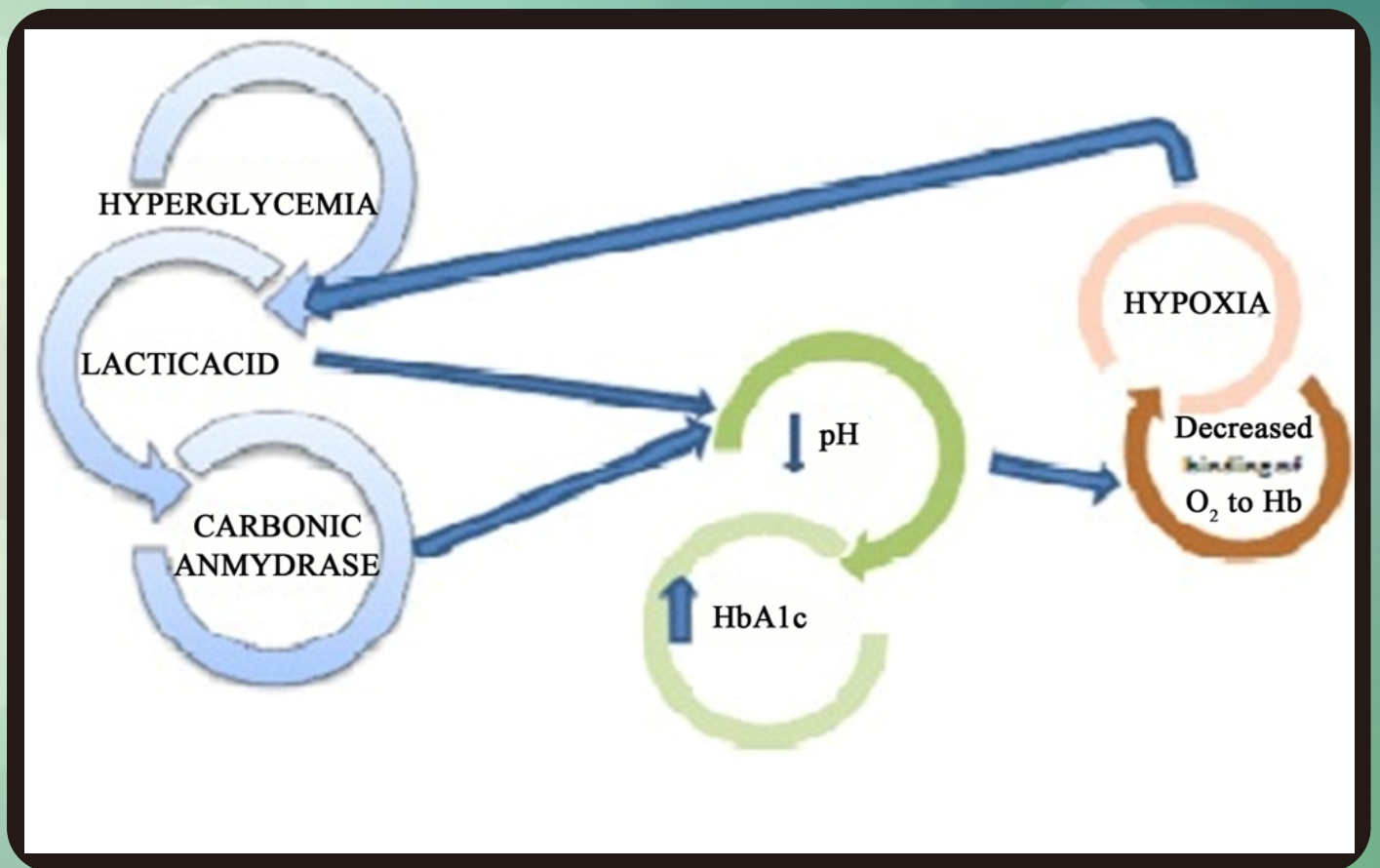


# Journal of Diabetes Mellitus



ISSN: 2160-5831



# Journal Editorial Board

ISSN Print: 2160-5831 ISSN Online: 2160-5858

<http://www.scirp.org/journal/jdm>

---

## Editor-in-Chief

**Prof. Sharma S. Prabhakar**

Texas Tech University Health Sciences Center, USA

## Editorial Board

**Dr. Intekhab Ahmed**

Thomas Jefferson University, USA

**Prof. Bahram H. Arjmandi**

Florida State University, USA

**Prof. David A. Arnall**

East Tennessee State University, USA

**Dr. Vivek Bhalla**

Stanford University, USA

**Prof. Bertrand Cariou**

Nantes University Hospital, France

**Prof. Dmitry A. Chistyakov**

Pirogov Russian State Medical University, Russia

**Prof. Fernando Cordido**

University of A Coruña, Spain

**Prof. Franco Battista Ennio Folli**

University of Texas, USA

**Prof. Bruce H. Francis**

Eisai Inc., USA

**Dr. Xianxin Hua**

University of Pennsylvania, USA

**Prof. Abbas Ali Mansour**

Basrah College of Medicine, Iraq

**Dr. Felicia V. Nowak**

Ohio University, USA

**Prof. Kazushi Okamoto**

Aichi Prefectural College of Nursing & Health, Japan

**Prof. Fernando Ovalle**

University of Alabama, USA

**Prof. Teresa Quattrin**

State University of New York, USA

**Prof. Satyan M. Rajbhandari**

Chorley & South Ribble Hospital, UK

**Prof. Edson da Silva**

Federal University of Jequitinhonha and Mucuri Valleys, Brazil

**Prof. G. R. Sridhar**

Andhra University, India

**Prof. Abraham Thomas**

Henry Ford Hospital, USA

## Table of Contents

Volume 6 Number 2

May 2016

### Teneligliptin: Heraldng Change in Type 2 Diabetes

M. Maladkar, S. Sankar, K. Kamat.....113

### Improved All Cause and Cardiovascular Mortality and Morbidity by Empagliflozin: Too Good to Be True!

U. M. Kabadi.....132

### Obesity: A Potential Pandemic for the 21st Century among the Youths in Zimbabwe

E. Mufunda, L. Makuyana.....136

### The Relationship between Central Retinal Artery Resistive Index and Measures of Renal Function in Type 2 Diabetes

O. O. Ayoola, D. O. Soyoye, S. D. Dawha, R. T. Ikem, O. H. Onakpoya, T. A. Adedeji, F. A. Arogundade.....146

### Low Carbohydrate Diets in Type 2 Diabetes—A Translational Study

P. M. Clifton, L. T. Coles, C. E. Galbraith.....152

### Effect of Hyperglycemia on Erythrocyte Carbonic Anhydrase and Lactic Acid in Type II Diabetic Subjects

S. I. Ibrahim, A. D. Amodu, A. S. Ene-Ojo, U. A. Ismaila, M. Fakhruddin.....158

### Effectiveness of Metanx Prescription Medical Food on Small Nerve Fibers and Monofilament Sensation in Patients with Diabetic Peripheral Polyneuropathy

V. F. Mc Namara, A. I. Vinik, L. Barrentine, E. B. De Vol.....166

### Issues in Diagnosis and Treatment of Type 1 Diabetes Mellitus in Childhood

L. Lucaccioni, L. Iughetti.....175

# **Journal of Diabetes Mellitus (JDM)**

## **Journal Information**

### **SUBSCRIPTIONS**

The *Journal of Diabetes Mellitus* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### **SERVICES**

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto: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.

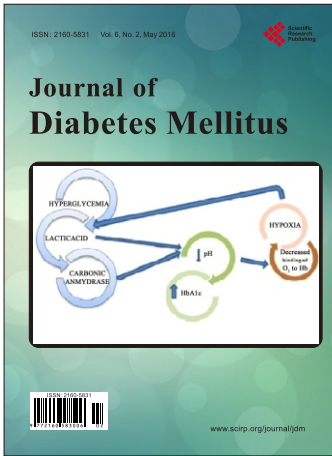
#### **DISCLAIMER OF LIABILITY**

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: [jdm@scirp.org](mailto:jdm@scirp.org)



# Journal of Diabetes Mellitus

ISSN: 2160-5831 (Print) ISSN: 2160-5858 (Online)

<http://www.scirp.org/journal/jdm>

JDM is an international journal dedicated to the current developments of Diabetes Mellitus, the broad scope will also include significant research in the fields of pathology and therapeutic innovations of diabetes itself, both type I and II.

## Editor-in-Chief

Prof. Sharma S. Prabhakar

Texas Tech University Health Sciences Center, USA

## Editorial Board

Dr. Intekhab Ahmed  
 Prof. Bahram H. Arjmandi  
 Prof. David A. Arnall  
 Dr. Vivek Bhalla  
 Prof. Bertrand Cariou  
 Prof. Dmitry A. Chistyakov  
 Prof. Fernando Cordido

Prof. Franco Battista Ennio Folli  
 Prof. Bruce H. Francis  
 Dr. Xianxin Hua  
 Prof. Abbas Ali Mansour  
 Dr. Felicia V. Nowak  
 Prof. Kazushi Okamoto  
 Prof. Fernando Ovalle

Prof. Teresa Quattrin  
 Prof. Satyan M. Rajbhandari  
 Prof. Edson da Silva  
 Prof. G. R. Sridhar  
 Prof. Abraham Thomas

## Subject Coverage

All manuscripts submitted to JDM must be previously unpublished and may not be considered for publication elsewhere at any time during review period. Additionally, accepted ones will immediately appear online followed by printed in hard copy. The journal publishes original papers including but not limited to the following fields:

- Cardiovascular Diabetology
- Diabetes and Its Complications
- Diabetes and Metabolic Syndrome
- Diabetes and Metabolism
- Diabetes and Vascular Disease
- Diabetes Care
- Diabetes Education
- Diabetes in Developing Countries
- Diabetes Nursing
- Diabetes Research and Clinical Practice
- Diabetes Therapy
- Diabetes, Obesity and Metabolism
- Diabetic Medicine
- Pancreatic Islet Function and Intermediary Metabolism
- Pathogenesis of Diabetes
- Pediatric Diabetes
- Pharmacological Mechanisms of Drug and Hormone Action
- Primary Care Diabetes
- Therapies for Diabetic Complications

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 *JDM*.

## 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 JDM. For more details about the submissions, please access the website.

## Website and E-Mail

<http://www.scirp.org/journal/jdm>

E-mail: [jdm@scirp.org](mailto:jdm@scirp.org)