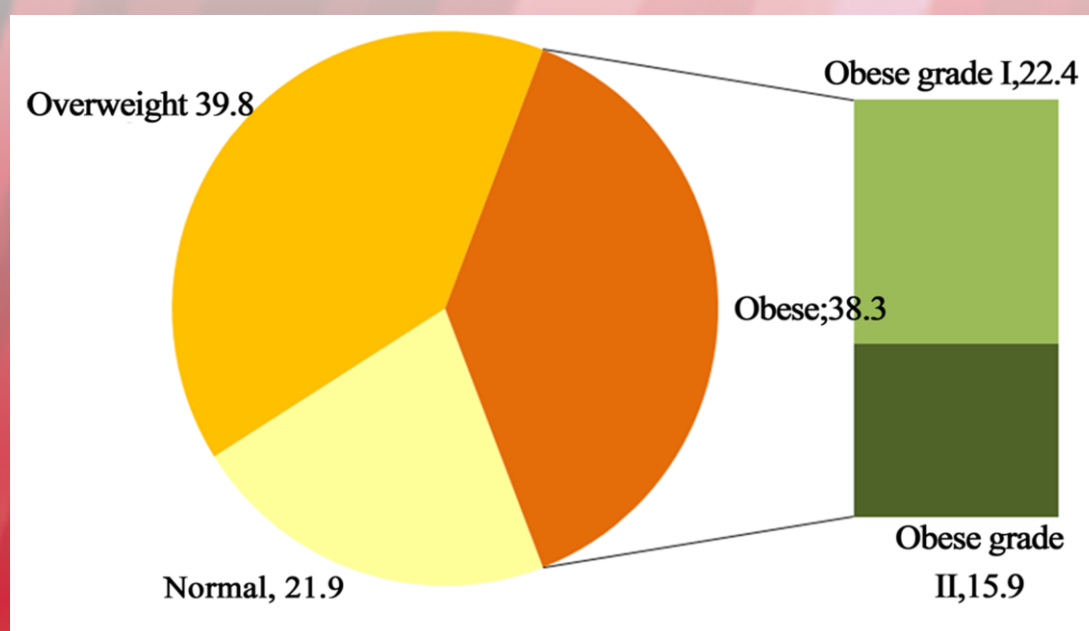


# Open Journal of Endocrine and Metabolic Diseases



# Journal Editorial Board

ISSN Print: 2165-7424    ISSN Online: 2165-7432

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

---

## Editorial Board

Prof. Khalid Esmat Allam	Ainshams University, Egypt
Prof. Belinda R. Beck	Griffith University, Australia
Dr. Chong-Chi Chiu	Chi-Mei Medical Center, Chinese Taipei
Prof. Fernando Cordido	University of A Coruña, Spain
Dr. Zhongquan Dai	China Astronaut Research and Training Center, China
Dr. Sanjay K. Gupta	Sebha University, Libya
Dr. Arumugam Radhakrishnan Jayakumar	University of Miami, USA
Dr. Li Ji	State University of New York, USA
Dr. Udaya M. Kabadi	VA Medical Center, USA
Prof. Mehtap Malkoç	Dokuz Eylul University, Turkey
Prof. Mohammad Reza Movahed	University of Arizona College of Medicine, USA
Prof. Kei Nakajima	Josai University, Japan
Prof. Lawrence C. Perlmutter	Rosalind Franklin University of Medicine, USA
Dr. Wen-Jun Shen	Stanford University, USA
Dr. Weiwei Song	Temple University School of Medicine, USA
Prof. Yuh-Min Song	Taichung Veterans General Hospital, Chinese Taipei
Dr. Qing Wu	Mayo Clinic, USA

## TABLE OF CONTENTS

**Volume 3    Number 1**

**February 2013**

### **Early Life Obesity and Diabetes: Origins in Pregnancy**

K. Y. Liu, J. M. Chow, C. Sherry.....1

### **HFE Gene Mutation Associated with the Severity of Gestational Diabetes Mellitus in Belarusian Women**

L. Sivitskaya, N. Danilenko, Z. Zabarouskaya, O. Davydenko.....13

### **The Prevalence of Metabolic Syndrome in an Apparently Healthy, Normotensive and Non-Diabetic Population in Saudi Arabia by Two Definitions: Implications for Local Practice**

S. M. Bahijri, R. M. Al Raddadi, H. Jambi, M.-N. A. Alaama, G. Ferns.....18

### **Prevalence of Obesity among Type 2 Diabetic Patients: Non-Smokers Housewives Are the Most Affected in Jeddah, Saudi Arabia**

B. A. Bakhomah.....25

### **Menopausal Status and Metabolic Syndrome in Women in Climacteric Period Treated at a Clinic in Southern Brazil**

K. G. Mendes, H. Theodoro, A. D. Rodrigues, F. Busnello, D. R. S. de Lorenzi, M. T. A. Olinto.....31

### **Functioning Adrenocortical Oncocytic Carcinoma: A Case Report**

M. Atmaca, S. Yıldız, I. Kalan, M. F. Özbay, D. Yılmaz, M. K. Tanrıtanır, M. Öztürk.....42

### **The Effect of Resveratrol on Bone Status in Rats with Bile Duct Obstruction**

H. Zivna, S. Micuda, E. Breckova-Dolezelova, P. Zivny.....46

### **Midnight Salivary Cortisol and Other Effective Factors in the Graduation of Clinical Suspect of Cushing Syndrome: Is There Any Reasonable Clinical Score?**

M. Mert, R. Tanakol, H. Karpuzoglu, S. Abbasoglu, S. Yarman, H. Boztepe, F. Alagol.....52

### **RU486 Reversal of Cortisol Repression of 1,25-Dihydroxyvitamin D<sub>3</sub> Induction of the Human Osteocalcin Promoter**

N. A. Morrison.....55

### **Urate Transporter 1 Protein Levels and Localization in Type 2 Diabetic and Non-Diabetic Zucker Rat Kidneys**

Y. Slyvka, F. V. Nowak, W. M. Wooten, K. D. McCall, R. Malgor, A. S. Wood, S. R. Inman.....63

### **Obesity Management-Bariatric Surgery vs Lifestyle Modification**

P. G. R. Raman, S. Banzal.....69

### **Calcium Affects on Vascular Endpoints (CAVE) Retrospective Cohort Trial**

R. K. Bhattacharya, V. B. Patel, J. L. Vacek.....75

### **The Role of Renal Regulatory Mechanisms in the Evolution and Treatment of Pediatric Diabetic Ketoacidosis**

O. A. Akingbola, D. Singh, I. V. Yosypiv, E. M. Frieberg, M. A. Younger, S. S. El-Dahr.....80

### **Effect of Holistic Module of Yoga and Ayurvedic Panchakarma in Type 2 Diabetes Mellitus—A Pilot Study**

B. Vaibhavi, T. Satyam, P. Sanjibkumar, N. Raghuram, N. H. Ramarao.....90

The figure on the front cover is from the article published in Open Journal of Endocrine and Metabolic Diseases, 2013, Vol. 3, No. 1, pp. 25-30 by Balkees Abed Bakhomah.

# **Open Journal of Endocrine and Metabolic Diseases (OJEMD)**

## **Journal Information**

### **SUBSCRIPTIONS**

*Open Journal of Endocrine and Metabolic Diseases* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 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©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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



**Call for Papers**

# Open Journal of Endocrine and Metabolic Diseases

ISSN 2165-7424 (print) ISSN 2165-7432 (online)  
[www.scirp.org/journal/ojemd](http://www.scirp.org/journal/ojemd)

**Open Journal of Endocrine and Metabolic Diseases (OJEMD)** is an international journal dedicated to the latest advancement of 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. Khalid Esmat Allam  
 Prof. Belinda R. Beck  
 Dr. Chong-Chi Chiu  
 Prof. Fernando Cordido  
 Dr. Zhongquan Dai  
 Dr. Sanjay K. Gupta  
 Dr. Arumugam Radhakrishnan Jayakumar  
 Dr. Li Ji  
 Dr. Udaya M. Kabadi  
 Prof. Mehtap Malkoç  
 Prof. Mohammad Reza Movahed  
 Prof. Kei Nakajima  
 Prof. Lawrence C. Perlmutter  
 Dr. Wen-Jun Shen  
 Dr. Weiwei Song  
 Prof. Yuh-Min Song  
 Dr. Qing Wu

Ainshams University, Egypt  
 Griffith University, Australia  
 Chi-Mei Medical Center, Chinese Taipei  
 University of A Coruña, Spain  
 China Astronaut Research and Training Center, China  
 Sebha University, Libya  
 University of Miami, USA  
 State University of New York, USA  
 VA Medical Center, USA  
 Dokuz Eylul University, Turkey  
 University of Arizona College of Medicine, USA  
 Josai University, Japan  
 Rosalind Franklin University of Medicine, USA  
 Stanford University, USA  
 Temple University School of Medicine, USA  
 Taichung Veterans General Hospital, Chinese Taipei  
 Mayo Clinic, 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
- Diseases of the Pancreas
- Drug Metabolism & Toxicology
- Endocrine & Metabolic Disorders
- Endocrine Disorders
- Endocrine Pathology
- Inherited Metabolic Disease
- Metabolic Brain Disease
- Metabolic Engineering
- Metabolomics
- Molecular and Cellular Endocrinology
- Molecular Genetics and Metabolism
- Neuroendocrinology
- Nutrition, Metabolism and Cardiovascular Diseases
- Pediatric Endocrinology
- Psychoneuroendocrinology
- 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>

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