

In this issue

Research Article

[Open Access](#) [Research Article](#) PTZAID:GJODMS-2-107

## Personalized Indirect Calorimeter for Energy Expenditure (EE) Measurement

Published On: March 29, 2015 | Pages: 004 - 008

Author(s): Francis Tsow\*, Erica Forzani\*, Nongjian Tao\*\*, Xiaojun Xian, Ashley Quach, Devon Bridgeman

Background and aims: A personal indirect calorimeter allows everyone to assess resting and non-resting energy expenditure, thus enabling accurate determination of a person's total calorie need for weight management and fitness. The aim of this study is to compare the performance of a new personal metabolic rate tracker based on indirect calorimetry, Breezing®, with th ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/2455-8583.000007

Review Article

[Open Access](#) [Review Article](#) PTZAID:GJODMS-2-110

## Delivery of Nanoparticles for the Treatment of Cardiovascular Diseases

Published On: December 09, 2015 | Pages: 018 - 021

Author(s): Ceyda Tuba Sengel\*

Cardiovascular diseases are still one of the major causes of death for the people in the world. Biomedical implantable devices are the basic approach on the treatment of cardiovascular diseases. However, unexpected and serious complications can be observed in the case of their usage. Nanotechnology gives a promising perspective to overcome these drawbacks. Nanoparticu ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/2455-8583.000010

[Open Access](#) [Review Article](#) PTZAID:GJODMS-2-109

## The Metabolic Syndrome in Hispanics – The Role of Inflammation

Published On: October 29, 2015 | Pages: 012 - 017

Author(s): Pablo I Altieri\*, Jose Marcial, Hector L Banchs, Nelson Escobales and María Crespo

We report clinical and molecular mechanisms relating the pro-inflammatory and anti-inflammatory process in the development of the components of the metabolic syndrome, emphasizing the cardiovascular problems developed in these groups of patients, especially the Hispanic population. Namely, the incidence, component characteristics and complications of the metabolic syn ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/2455-8583.000009

## Case Report

[Open Access](#) | [Case Report](#) | PTZAID:GJODMS-2-108

### Transient Hypoparathyroidism in Diabetic Ketoacidosis

Published On: April 10, 2015 | Pages: 009 - 011

Author(s): Wenhui Zhao\*, Haiqing Zhu, Zhiqiang Cheng, Bo Zhang, Xiaoyan Xing

Introduction: Diabetic ketoacidosis patients frequently develop a constellation of electrolyte disorders. These patients are markedly potassium-, magnesium- and phosphate-depleted, but hypocalcemia due to transient hypoparathyroidism was seldom reported previously. ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/2455-8583.000008

## Editorial

## Shaping Immune Responses by Dysregulated Adipokines in Obesity

Published On: November 24, 2014 | Pages: 035 - 037

Author(s): Enyu Rao and Bing Li\*, Yuwen Zhang

Obesity is a major epidemic worldwide. According to the Centers for Disease Control and Prevention (CDC), about 34.9% of adults and 17% of children and adolescents are obese in the United States. The increasing prevalence of obesity poses a major threat to public health. Clinical and epidemiological data have established that obesity not only links to the development ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/2455-8583.000006