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In this issue

Research Article

Open Access Research Article PTZAID:GJODMS-7-147

Novel key gene tenascin C related to extracellular matrix accumulation in diabetic nephropathy kidney tubules: Results of integrative bioinformatics analysis

Published On: August 25, 2020 | Pages: 042 - 052

Author(s): Liang Zhang, Zheng Wang, Manrong He, Yongdi Zuo, Jun Li and Wanxin Tang*

Background: As the incidence of type 2 diabetes increases year by year, the number of individuals diagnosed with Diabetic Nephropathy (DN) has increased steeply. DN is characterized by glomerular sclerosis, tubulointerstitial fibrosis and atrophy. However, most of the previous studies on the pathogenesis of DN were focused on glomeruli, and now more and more evidences ...

Abstract View Full Article View DOI: 10.17352/2455-8583.000047

Open Access Research Article PTZAID:GJODMS-7-146

Decrease of microglia and fatty liver in obese mice by germinated Sang-Yod rice

Published On: July 09, 2020 | Pages: 036 - 041

Author(s): Nuntika Wangpradit, Supattra Prom-in, Jaya Kumar, Kien Hui Chua and Jasadee Kaewsrichan*

Our previous study indicated that learning and cognition of obese mice were enhanced by germinated Sang-Yod rice intervention. We recently discover that inferior effects of high fat diet on lipid metabolisms and functions of two vital organs, including the liver and the brain are attenuated by germinated Sang-Yod rice. Thirty-two male C57BL/6J mice are divided into 4 ...

Abstract View Full Article View DOI: 10.17352/2455-8583.000046

Open Access Research Article PTZAID:GJODMS-7-142

Meta-analysis of the epidemiology of microvascular complications in people with Type 2 diabetes in mainland China

Published On: June 05, 2020 | Pages: 018 - 023

Author(s): Yuanyuan CHENG, Shuli QU, Yanjun LIU, Yuqi ZHANG, Wenjie XU, Li CHEN*

Objective: This study aims to estimate the overall prevalence of microvascular complications of type 2 diabetes in mainland China, and to identify any associated risk factors. Methods: A systematic literature search was conducted to collect the prevalence information of microvascular complications over the past 5 years (2014 -2019) in CNKI, Wanfang, PubMed and the ...

Abstract View Full Article View DOI: 10.17352/2455-8583.000042

Review Article

Open Access Review Article PTZAID:GJODMS-7-141

Brief Review of Newer Antiglycemic Agents as Options in the Treatment of Diabetic Kidney Disease

Published On: May 11, 2020 | Pages: 012 - 017

Author(s): Brian K Irons*, Molly Minze, Lisa Chastain and Michael E McMurry

Diabetes remains the leading cause of chronic kidney disease and with its increased prevalence the risk for Diabetic Kidney Disease (DKD) continues to rise and has a significant impact on diabetes morbidity and mortality as well as health care resources. There is a clear need to clinicians and patients for new treatments to limit the burden of DKD. Three classes of no ...

Abstract View Full Article View DOI: 10.17352/2455-8583.000041

Case Report

Open Access Case Report PTZAID:GJODMS-7-143

Remission of type 2 diabetes in a young, hypogonadal man under long-term testosterone therapy: A case report

Published On: June 05, 2020 | Pages: 024 - 028

Author(s): George Mskhalaya*, Yulia Tishova, Anas Alfaradzh and Svetlana Kalinchenko

Background: The increasing prevalence of obesity, in particular in young patients, represents a growing clinical and health-care cost problem. Young adulthood obesity strongly increases the risk of type 2 diabetes (T2DM), hypertension,

myocardial infarction, stroke or venous thromboembolism. Young obese T2DM men have a high prevalence of low testosterone concentration ...

Abstract View Full Article View DOI: 10.17352/2455-8583.000043

Opinion

Open Access Opinion PTZAID:GJODMS-7-145

Obesity, Diabetes, and Metabolic Syndrome

Published On: June 06, 2020 | Pages: 034 - 035

Author(s): Ghada Welwel*

In the contemporary society, there are various health factors that affect people, both the elderly and the young population based on their environment and the interconnected risk factors. Based on that, it is necessary to understand and comprehend that metabolic syndrome also known as (Mets) involves a combination of risk factors for glucose intolerance, insulin resis ...

Abstract View Full Article View DOI: 10.17352/2455-8583.000045