

Research Article

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Synergistic Action in Oral Glucose Tolerance Tests between *Spilanthes Calva* Aerial Parts and Tubers of *Colocasia Esculenta*

Published On: December 23, 2016 | Pages: 023 - 026

Author(s): Mohammad Mahbubur Rahman Bhuiyan, Ummey Jannatun Nahar, Md Najmul Hossain and Mohammed Rahmatullah*

Introduction: Diabetes is a debilitating disease characterized by elevated blood glucose levels, which is rapidly reaching endemic proportions throughout the world including Bangladesh. We had previously evaluated the antihyperglycemic potential of methanolic extract of aerial parts of *Spilanthes calva* and tubers of *Colocasia esculenta*. ...

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Edaravone Protects against Vascular Oxidative Damage Induced by AAPH in Chick Embryo

Published On: December 01, 2016 | Pages: 019 - 022

Author(s): Xin Wan, Meng-Xun Luo, Chong Jie, Tong Wu, Gui-Yuan Yu, Yi-Fang Li, Rong-Rong He and Hiroshi Kurihara*

Background: Edaravone (Eda) is a free-radical scavenger which is used in treating stroke, cerebral hemorrhage and some other diseases in clinic. However, its antioxidant activity during development is still unknown. ...

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Diabetes Increases Inflammation and Oxidative Stress

Published On: October 01, 2016 | Pages: 012 - 018

Author(s): Dayre A, Pouvreau C, Butkowski EG, de Jong B and Jelinek HF*

Background: Inflammation and oxidative stress are two pathophysiological mechanisms that link obesity, type 2 diabetes

mellitus (T2DM) and diabetes. However how levels of inflammatory and oxidative stress markers differ between patients with obesity, T2DM and diabetes has not been completely elucidated. ...

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Antidiabetic, Antihypertensive and Statin Medication Use in Metabolic Syndrome

Published On: April 01, 2016 | Pages: 006 - 011

Author(s): Ie Butkowski E, Brix L, Al-Aubaidy HA, Kiat H and Jelinek HF*

Background: Metabolic syndrome (MetS) is characterised by a cluster of metabolic risk factors, which eventually increases the risk of diabetes and cardiovascular disease (CVD). The aim of the current study was to investigate medication use in outpatient communities with respect to the occurrence of these metabolic risk factors as def ...

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Comparative Chemical Composition of the Essential Oils from *Hedyotis Diffusa* WILLD and *Hedyotis Corymbosa* Lam by GC-MS

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Author(s): Wu Jian, Yang Tairan, Xu Ying, Zhang Yi and Xiang Zheng*

Abstract Introduction: *Hedyotis diffusa* Willd. (*Baihuasheshacao*) is an ingredient of herbal commonly consumed in China for cancer treatment and health maintenance. In the market, this ingredient is frequently adulterated by the related species *Hedyotis corymbosa* ...

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