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. ...

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, it's antioxygenation during development is still unknown. ...

Diabesity 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 diabesity. However, how levels of inflammatory and oxidative stress markers differ between patients with obesity, T2DM and diabesity has not been completely elucidated. ...