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In this issue

Research Article

Open Access Research Article PTZAID:GJBBS-6-114

The possible cytogenecity and mutagenicity effects of Allium sativum as a natural fungi/ pesticide on faba bean plant

Published On: November 24, 2020 | Pages: 024 - 031

Author(s): Samira A Osman, Rania T Ali* and Haiba AAA

Allium sativum (garlic) is one of the most famous plant rich in Sulphur products which are so beneficial in bio-gardening and agriculture if applied in right ratios as natural fertilizer to the soil poor in organic matter (under 2%) or applied as natural fungicide &pesticide. It like many other important folk plants needs further investigations and revising for its pr ...

Abstract View Full Article View DOI: 10.17352/gjbbs.000014

Open Access Research Article PTZAID:GJBBS-6-113

Computer-aided Analysis of Selective Phytochemicals as Potent Inhibitors of Parkin: Major Biological Target of Parkinson’s disease

Published On: June 10, 2020 | Pages: 013 - 023

Author(s): Nadia Arif, Andleeb Subhani, Waqar Hussain and Nouman Rasool

Parkinson’s disease, caused by mutations in the Parkin that leads to loss of neuron is the second most widespread neurodegenerative disorder in the world. ...

Abstract View Full Article View DOI: 10.17352/gjbbs.000013

Open Access Research Article PTZAID:GJBBS-6-112

Red blood cell alterations by in vitro action of Trichinella spiralis newborn larvae

Published On: May 28, 2020 | Pages: 007 - 012

Author(s): Patricia Ponce de León*, Martin Toderi, Horacio Castellini and Bibiana Riquelme*

Background: T. spiralis establishes an intimate contact with the host erythrocytes during the newborn larvae migration

through the bloodstream to their encystment in the muscle. Objective: In the present work we study the alterations in the mechanical and aggregation properties of red blood cells produced in vitro by newborn larvae at low concentrations (100, 250, 5 ...

Abstract View Full Article View DOI: 10.17352/gjbbs.000012

Open Access Research Article PTZAID:GJBBS-6-111

Mitigation with plant ethanol extracts of STZ-induced histopathological injuries in the tissues of laboratory rats

Published On: May 16, 2020 | Pages: 001 - 006

Author(s): Hrachik Gasparyan, Sona Buloyan, Luiza Karapetyan, Hayk Harutyunyan, Alvard Antonyan, Svetlana Sharoyan, Sona Mardanyan*

This work studied the use of several plant extracts as probable medications in the treatment of diabetes. In laboratory rats, the diabetes model was developed by injection of Streptozotocin (STZ) in a dose of 40 mg/kg of body weight. The animals, in which the blood glucose level increased 4-5 times, were considered as diabetic. The diabetic animals were treated by eth ...

Abstract View Full Article View DOI: 10.17352/gjbbs.000011