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

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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. ...

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

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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 ...
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 ...