

In Vitro Antioxidant Activity And In Vivo Hepatoprotective

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In Vitro Antioxidant Activity And In vitro antioxidant activity, phenolic compounds and protective effect against DNA damage provided by leaves, stems and flowers of *Portulaca oleracea* (Purslane) This study analyzed the antioxidant properties of *Portulaca oleracea* L., known as purslane. The samples (leaves, flowers and stems) were collected at two different locations in Portugal: Tavira (L1) and Vendas Novas (L2). In vitro antioxidant activity, phenolic compounds and ... In vitro antioxidant activity and in vivo efficacy of topical formulations containing vitamin C and its derivatives studied by non-invasive methods Patrícia M. B. G. Maia Campos Faculdade de Ciências Farmacêuticas de Ribeirão Preto, Universidade de São Paulo, São Paulo, Brazil In vitro antioxidant activity and in vivo efficacy of ... Avenanthramides are substituted N-cinnamoylanthranilic acids, with hydroxycinnamic acid and anthranilic acid moieties. These alkaloid phenols, which are unique to oats, may confer health benefits via antioxidant or other mechanisms. Synthetic avenanthramides, hydroxycinnamic acids, Tranilast, and ascorbic acid were evaluated for antioxidant activity using two assays, DPPH (2,2-diphenyl-1 ... In Vitro Antioxidant Activity and Antigenotoxic Effects of ... Antioxidant activity was described by percentage inhibition as $\% \text{ inhibition} = (A_0 - A_1) / A_0 \times 100$ where A_0 is the absorbance of the control and A_1 is the absorbance of the sample. Ascorbic acid was used as the reference and all analyses were done in triplicate. 2.6. In vitro antioxidant activity, total phenolic and ... In vitro

antioxidant properties of all studied HMW cocoa fractions were evaluated by four different assays, namely free radical scavenging activity against DPPH • and ABTS •+ radicals, ferric reducing antioxidant power (FRAP), and metal-chelating ability. In Vitro Antioxidant Activity and FTIR Characterization of ... Numerous in vitro assays are used to determine the antioxidant activity of biological samples. Comparing one assay with another is hard, and evaluating the antioxidant activity using a single... In vitro antioxidant activity of Ficus carica L. latex ... F105 is a combination of bergamot fruit extract (Citrus bergamia, BFE) and 9 phytoextracts selected for their ability to improve the antioxidant and anti-inflammatory activity of BFE. In vitro F105 exhibited a synergistic inhibition of oxygen radical absorbing capacity, peroxynitrite formation, and myeloperoxidase activity. Synergistic in vitro antioxidant activity and ... Several complementary methods have been proposed to assess the antioxidant activity of plant extracts and pure compounds []. In vitro assays for the free radical scavenging capacity are usually based on the inactivation of radicals, such as hydroxyl (OH) and nitric oxide (NO) radicals. In vitro antioxidant properties, free radicals scavenging ... Preparation and in vitro antioxidant activity of enzymatic hydrolysates from oyster (*Crassostrea talienwhannensis*) meat Xiu-Ping Dong. School of Food and Biology Engineering, Jiangsu University, Zhenjiang 212013, China. College of Bio & Food Technology, Dalian Polytechnic University, Dalian, 116034, China. Preparation and in vitro antioxidant activity of enzymatic ... The antioxidant activity depends upon concentration and increased with increasing amount of

the extracts. The free radical scavenging and antioxidant activities may be attributed to the presence of... (PDF) In vitro antioxidant activities of leaves, fruits ... IN-VITRO ANTIOXIDANT ACTIVITY, PHENOLIC AND FLAVONOID CONTENT OF AERIAL PARTS OF RHYNCHOSIA CAPITATA DC Rhynchosia Capitate DC is a prostrate or climbing herb belonging to the family Papilionaceae. PHENOLIC CONTENTS AND IN - VITRO ANTIOXIDANT ACTIVITY OF ... In in vitro antioxidant assays, the ethanolic extracts from aged ginseng showed significantly higher free radical scavenging activity and reducing power than those of the white and red ginsengs. In in vivo antioxidant assays, mice were fed a high fat diet supplemented with white, red, or aged ginseng powders. In Vitro and In Vivo Antioxidant Activity of Aged Ginseng ... As per this review there are 19 in vitro methods and 10 in vivo methods that are being used for the evaluation of antioxidant activity of the sample of interest. DPPH method was found to be used mostly for the in vitro antioxidant activity evaluation purpose while LPO was found as mostly used in vivo antioxidant assay. Ethanol was with the highest frequency as solvent for extraction purpose. Review on in vivo and in vitro methods evaluation of ... The mechanisms of antioxidant activity of phenolics and flavonoids can be characterized not only by directly scavenging or quenching free radicals, but also by inducing various intracellular antioxidant enzymes. In Vitro Synergistic Antioxidant Activity and ... In vitro antiproliferative, apoptotic and antioxidant activities of punicalagin, ellagic acid and a total pomegranate tannin extract are enhanced in combination with other polyphenols as

found in pomegranate juice. Pomegranate (*Punica granatum* L.) fruits are widely consumed as juice (PJ). The potent antioxidant and anti-atherosclerotic activities of PJ are attributed to its polyphenols including punicalagin, the major fruit ellagitannin, and ellagic acid (EA). In vitro antiproliferative, apoptotic and antioxidant ... Antioxidant activity depends on the presence of its bio-active compounds mainly polyphenols, carotenoids, and vitamin E and C (27). This suggests that the concentration of the bioactive compounds present in the extract is important to showing antioxidant activity. Thus, higher concentration of extracts shows higher antioxidant activity. In vitro antioxidant and free radical scavenging activity ... Antioxidant Activities in vitro of Water and Liposoluble Extracts Obtained by Different Species of Edible Insects and Invertebrates Carla Di Mattia, Natalia Battista, Giampiero Sacchetti and Mauro Serafini * Faculty of Biosciences and Technologies for Agriculture, Food, and Environment, University of Teramo, Teramo, Italy Frontiers | Antioxidant Activities in vitro of Water and ... Products Derived from *Buchenavia tetraphylla* Leaves Have In Vitro Antioxidant Activity and Protect *Tenebrio molitor* Larvae against *Escherichia coli* -Induced Injury. Products Derived from. *Buchenavia tetraphylla*. Leaves Have In Vitro Antioxidant Activity and Protect. *Tenebrio molitor*. Pharmaceuticals | Free Full-Text | Products Derived from ... The present study reports the in vitro antioxidant, antibacterial, and cytotoxic potential of *Syngonium podophyllum* (SP) and *Eichhornia crassipes* (EC) leaf aqueous extracts as well as their in vivo effect on oxidative stress and hepatic biomarkers in isoniazid

induced rats. Phytochemical screening of extracts revealed the presence of flavonoids, terpenoids, reducing sugars, alkaloids, and saponins.

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