

Antiglycemic Activity of Raw Plant Materials as Potential Components of Functional Food

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Abstract : The aim of this paper was to collect the information concerning the most popular raw plant materials of antidiabetic activity, in a context of functional food developing production. The elaboration discusses morphological elements possible for an application in functional food production of the plants such as: common bean, ginger, Ceylon cinnamon, white mulberry, fenugreek, French lilac, ginseng, jambolão, and bitter melon. An activity of bioactive substances contained in these raw plant materials was presented, pointing their antiglycemic and also hypocholesterolemic, antiarthritic, antirheumatic, antibacterial, and antiviral activity in the studies on humans and animals. Also the genesis of functional food definition was presented.

Keywords : antiglycemic activity, raw plant materials, functional food, food, nutritional sciences

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