



Actividad biológica y composición química de especies del género *Litsea* en Mesoamérica: Una revisión [

2011

text (article)

Analítica

The present work is a compilation about biological activity of natural extracts with potential medicinal or agribusiness, the species of *Litsea* genus could be one promissory resource as new drugs in medicine to solve health problems and as biocontrol agents in agricultural diseases. Plants and their derivatives have shown diverse and important biological and medical activities such as antitumor, antiviral, antimicrobial, anti-inflammatory, antioxidant, and in phytosanitary control, such as insecticide, antifeedant, pesticide and repellent among others. The development of natural products involves the selection of the species using ethnobotanical criteria or bioprospecting, methods of extraction, chemical study for the isolation and structural elucidation of the molecules responsible for the activity and biological test conducted by testing in vitro, in vivo, toxicology and clinical. Also growing demand is evident in the use of natural products in which its development is determined by socio-economic indicators, trends in environmental protection and improvement of quality of life through integrative medicine. Key words: Natural extracts, extraction methods, biological activity, phytotherapy, pesticides, *Litsea*

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