

# **Ethnobotany, Phytochemistry and Therapeutic Effects of *Annona's* *Acetogenins: An Overview* (capítulo)**

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**Resumen.** La Annonacea se cultiva en regiones tropicales y subtropicales. Sólo algunas producen frutos comestibles con sabor agradable, nutrientes y capacidad farmacológica como antimicrobiana, antihelmíntica, antiprotozoaria y antipalúdica. Sus actividades farmacológicas se relacionan con biocompuestos: alcaloides, aceites esenciales, flavonoides, terpenoides y acetogeninas (ACG). El objetivo es describir la estructura de las ACG, sus aplicaciones medicinales y las principales técnicas para aislarlas e identificarlas.

**Abstract.** Annonaceae are cultivated in tropical and subtropical regions. Only some of them produce edible fruits with a pleasant taste, nutrients and antimicrobial, antiprotozoal, and antimalarial pharmacological properties. The latter are related to biocompounds

such as alkaloids, essential oils, flavonoids, terpenes, and acetogenins (AGC). This chapter describes the structure of ACGs, their medicinal applications, and the main techniques to isolate and identify them.

### **Referencia bibliográfica.**

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