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Effects of anthraquinones from *Cassia occidentalis* L. on ovalbumin-induced airways inflammation in a mouse model of allergic asthma

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Abstract

Ethnopharmacological relevance: *Cassia occidentalis* Linn. is a traditional ayurvedic edible shrub containing anthraquinones (AQs) as the principle active constituents. In folk medicine, it has a variety of uses including treatment of whooping cough ('pertussis') and inflammatory diseases. Despite these applications, limited data are available to validate the effects of *C. occidentalis* AQs on airways inflammation in asthma.

Aim of the study: To explore the anti-inflammatory potential of AQs extracted from *C. occidentalis* using an *in vivo* model of ovalbumin (OVA)-induced asthma.

Materials and methods: Extraction and optimization of AQs from *C. occidentalis* was

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