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Rationalizing ethnopharmacological uses of *Alternanthera sessilis*: a folk medicinal plant of Pakistan to manage diarrhea, asthma and hypertension

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Abstract

Ethnopharmacological relevance

Tribal herbal practitioners of Pakistan use *Alternanthera sessilis* (Amaranthaceae) to treat diarrhea, asthma and hypertension.

Objective

The current study was conducted to provide mechanistic basis for anti-spasmodic, anti-asthmatic and anti-hypertensive use of *Alternanthera sessilis*.

Materials and methods

The crude ethanolic extract of *Alternanthera sessilis* (As.Cr) and its fractions were tested *in-vitro* on isolated rabbit tissue preparations (i.e., jejunum, trachea, and aorta) and

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