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Antidiabetic potential of *Pseuduvaria* species

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Diabetes mellitus (DM) is a metabolic disease associated with chronic hyperglycaemia. Type 2 Diabetes (T2DM) is the most prevalence accounting for more than 90% of cases due to obesity related complications and lifestyle factors. *Pseuduvaria* species of the Annonaceae family have been reported to display a wide range of biological activities such as anticancer activity. In this study, antidiabetic and anti-inflammatory activity were carried out using *in vitro* cell line models and *in vivo* models. This paper will describe the potential antidiabetic properties of two *Pseuduvaria* species, *Pseuduvaria monticola* (PMT) and *Pseuduvaria macrophylla* (PMC) against T2DM and their phytoconstituents that may contribute to the activity.

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