

# Review of: "[Research Note] Dengue – Therapeutic Efforts in Mexico"

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**Potential competing interests:** No potential competing interests to declare.

The article represents a range of strategies being employed in Mexico to combat dengue from traditional herbal remedies to cutting-edge scientific research. Clarifying the use of cane juice, grapes etc. demands a clearer distinction between traditional practices and scientifically validated treatments for any disease conditions. Though these substances are rich in polyphenols, the term 'documented' could be misleading if it indicates scientific consensus on their effectiveness against dengue.

The vector control strategies seem beneficial with promising outcome statements, though this approach is not therapeutic. The exploration of pharmaceutical interventions is particularly noteworthy.

The discussion on Metformin and its potential to reduce severe dengue instances in diabetic patients is intriguing, although this connection could be speculative without stronger evidence. Similarly, the mention of Ezetimibe's effects on cellular cholesterol and dengue viral replication is compelling, but the language could lead to an overestimation of its readiness for clinical use.

This study mentioned only in vitro studies recommending further in vivo research which is essential. There is a vast gap between the mentioned hypotheses and actual treatment applications and efficacy.