



The Holy Quran narrates about *Vitis vinifera*

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Title Reference

And grapes and herbage. (Sura Abasa (He Frowned), verse 28) Or [until] you have a garden of palm trees and grapes and make rivers gush forth within them in force [and abundance]. (Sura Al-isra (The Night Journey), verse 91). Would one of you like to have a garden of palm trees and grapevines underneath which rivers flow in which he has from every fruit? But he is afflicted with old age and has weak offspring, and it is hit by a whirlwind containing fire and is burned. Thus does Allah make clear to you [His] verses that you might give thought. (Sura Al-Baqarah (The cow), verse 266).

And within the land are neighboring plots and gardens of grapevines and crops and palm trees, [growing] several from a root or otherwise, watered with one water; but We make some of them exceed others in [quality of] fruit. Indeed in that are signs for a people who reason. (Sura Ar-Ra`d (The Thunder), verse 4)

He causes to grow for you thereby the crops, olives, palm trees, grapevines, and from all the fruits. Indeed in that is a sign for a people who give thought. (Sura An-Nahl (The Bee), verse 11)

And from the fruits of the palm trees and grapevines you take intoxicant and good provision. Indeed in that is a sign for a people who reason. (Sura An-Nahl (The Bee), verse 67)

And present to them an example of two men: We granted to one of them two gardens of grapevines, and We bordered them with palm trees and placed between them [fields of] crops. (Sura Al-Kahf (The Cave), verse 32)

And We brought forth for you thereby gardens of palm trees and grapevines in which for you are abundant fruits and from which you eat. (Sura Al-Muminun (The Believers), verse 19). And We laced therein gardens of palm trees and grapevines and caused to burst forth therefrom some springs. (Sura Ya-Sin, verse 34). Gardens and grapevines. (Sura An-Naba (The Tidings), verse 32).

Description

The common grape *V. vinifera* is a historically important plant. Resveratrol, a non-flavanoid biomolecule is found in significant quantities in red wine and has been reported to possess

antioxidant, anti-inflammatory and anticancer properties. Additionally, the topical application of a high resveratrol from grape seed extract was shown to accelerate wound healing in mice, which was attributed to modulation of the redox - sensitive processes that drive dermal tissue repair. It has been proposed that alkaloids and terpenoids may provide astringent, antifungal or antimicrobial properties that may be of benefit to the progression of the wound healing cascade. Anthocyanins, leucoanthocyanins and other polyphenols have been demonstrated to have significant antioxidant properties which also can be of benefit in the progression of wound healing (Shivananda Nayak et al., 2011).

Today Research

- Silicates of Potassium and Aluminium (Kaolin); Comparative Foliar Mitigation Treatments and Biochemical Insight on Grape Berry Quality in *Vitis vinifera* L. (cv. Touriga Nacional and Touriga Franca) (Singh et al., 2020).
- SUMOylation Protects FASN Against Proteasomal Degradation in Breast Cancer Cells Treated with Grape Leaf Extract (Floris et al., 2020).
- Histochemical and Microscopic Studies Predict that Grapevine Genotype "Ju mei gui" is Highly Resistant against *Botrytis cinerea* (Rahman, Ma, Ahmad, Hanif, & Zhang, 2020).
- Factors controlling drought resistance in grapevine (*Vitis vinifera*, chardonnay): application of a new microCT method to assess functional embolism resistance (Jacobsen et al., 2015).
- Polyphenol Profiles of just pruned Grapevine Canes from wild *Vitis* accessions and *V. vinifera* cultivars (Loupit et al., 2020).

Conclusions

We can develop a research on its compounds by using in-silico studies and can find the synergism of compounds for multiple diseases especially colon cancer cells for new drug combinations.

References

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