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### Natural antioxidants from the genus *Verbascum* L.

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*Verbascum* (Scrophulariaceae) species are one of the important research subjects in pharmaceutical area because of their phytochemical contents and biological activities. *Verbascum* species have been used to treat hemorrhoids, rheumatic pain, wounds, and inflamed skin conditions in traditional medicines for centuries in almost all parts of the World. The genus *Verbascum*, commonly known as “mullein”, is a widespread genus of the family Scrophulariaceae and represented by 233 species, 196 of which are endemic in Turkish flora. Our research group have studied some *Verbascum* species used in traditional Turkish folk medicine. Some species of genus *Verbascum* have also been investigated for their antioxidant activities through various *in vitro* methods by us and other researchers. We have viewed the current knowledge on both the antioxidant activities and the structure-activity relationship of secondary metabolites from genus *Verbascum*, since many diseases are stimulated by oxidative stress and antioxidant activity is known to be strongly associated with pharmacological activities.

#### Biography

Cigdem Kahraman got her Master's degree at the age of 26 years from Hacettepe University Faculty of Pharmacy, Department of Pharmacognosy. She is a PhD student and working as Research Assistant at the same University.

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