



TITLE: Exploring the Antioxidant and Anti-inflammatory Potentials of Algerian Tea (*Paronychia Argentea*).

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ABSTRACT (upto 300 words)

In the intricate dance of health and imbalance, oxidative stress and inflammation emerge as central players, contributing to a spectrum of physiological disorders. This review delves into the therapeutic potential of *Paronychia argentea* (aka Algerian Tea), a perennial plant deeply rooted in traditional medicine, aiming to unravel its antioxidant and antiinflammatory attributes, along with exploring its polyphenolic and flavonoid constituents.

Studies consistently affirm its efficacy in mitigating inflammation, combating free radicals, and providing nephroprotective and antimicrobial benefits. The multifaceted bioactive compounds within the plant position it as a promising candidate for pharmaceuticals, nutraceuticals, and personal care products.

BIOGRAPHY (upto 200 words)

Maha Gasmi has completed her PHD at the age of 30 years from Manouba University, Tunisia. She is an Assistant Professor in Manouba University, Tunisia. She has 10 publications that have been cited 109 over times, and his publication h-index is 3. She has been serving as an editorial board member of several reputed journals.

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