BOOK REVIEW

Cellular and Molecular Mechanisms of Honey Wound Healing

Editors: Elia Ranzato and Simona Martinotti (University of Piemonte Orientale, DiSIT- Dipartimento di Scienze e Innovazione Tecnologica, Alessandria, Italy)

Wound healing is of great relevance for skin medicine and a particular focus is set on natural compounds. Honey has been renowned since ancient times for skin care, dermatologic, and wound-healing properties. Its physicochemical properties make it perfect as a wound dressing, providing moisture, and contrasting infections, reducing inflammation, oedema, and exudation, and preventing bandages from sticking to wounds.

In spite of a wide literature about honey clinical uses, the subjacent mechanisms of action are still largely obscure. In a number of cases, beneficial effects have been ascribed to antiseptic properties, but accumulating data suggest the involvement of other specific physiological mechanisms, that this book explores.

Although honey has been used for centuries in wound care, only now it is being integrated into modern medical practice, as reported by Simona Martinotti and Elia Ranzato in "Cellular and Molecular Mechanisms of Honey Wound Healing."

The use of honey in modern wound care is still met with some skepticism. Since the advent of evidence-based medicine, changing clinical practice depends on providing clinicians with appropriate levels of evidence of clinical efficacy.

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