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Natural Antimicrobials from Bee Products: Biological Activities and Future Perspectives

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Message from the Guest Editors

Numerous bacteria show sensitivity to honey, including methicillin-resistant *Staphylococcus aureus*, an extremely aggressive bacterium found in human and veterinary medicine. Both manuka honey and propolis seem to be a viable therapeutic alternative against various pathogens, through their antibacterial, antifungal and antiviral properties. Currently, interest in propolis and honey is growing, with these natural compounds offering a therapeutic perspective closer to "biological availability" than synthetic drugs. The growing interest in the antibacterial properties of different bee products and the acceptance of their therapeutic potential has brought traditional medicine closer to alternative medicine. Therefore, proving the effectiveness of bee products on a scientific basis against pathogenic bacteria of medical importance can be a significant advance in antibiotic resistance prevention and control.

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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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