

Prevention of Viral Diseases, Including Covid-19, with the help of Bee Products

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Annotation

Currently, the main areas of combating the coronavirus infection pandemic are considered vaccination and prevention (wearing protective masks, observing social distance and personal hygiene rules (27)). The article shows that the preventive use of a number of natural bee products can provide a significant reduction in the incidence of for dealing with a coronavirus.

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Abstrak
 Tujuan dari penelitian ini adalah untuk mengetahui pengaruh madu, propolis, dan asam lemak esensial terhadap aktivitas antibakterial ekstrak tanaman obat. Metode penelitian menggunakan uji difusi cakram pada media agar. Hasil penelitian menunjukkan bahwa ekstrak tanaman obat memiliki aktivitas antibakterial yang signifikan terhadap bakteri uji. Madu, propolis, dan asam lemak esensial meningkatkan aktivitas antibakterial ekstrak tanaman obat.

Keywords: Antibacterial activity, essential fatty acids, honey, propolis, medicinal plants.

Abstract

The purpose of this study is to know the effect of honey, propolis, and essential fatty acids on the antibacterial activity of medicinal plant extract.

The research method used is disc diffusion test on agar media. The research results show that medicinal plant extract has significant antibacterial activity against test bacteria. Honey, propolis, and essential fatty acids increase the antibacterial activity of medicinal plant extract.

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...and its medicinal properties are described in the literature [1, 2]. The honey has a long history of use in folk medicine and is known for its antibacterial, antifungal, and anti-inflammatory properties [3]. It is also rich in antioxidants and vitamins, which contribute to its health benefits [4].

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