



### *The Biological Activities of Indonesian Propolis and It's Molecular Marker*

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#### Abstract

Propolis known have several biological activities<sup>1</sup>. Recently, we found that the stingless bee cultivated in east Indonesia produced a lot propolis. The source of resin for the propolis production, still unknown. To confirm that the Indonesian propolis have similar activities with other propolis, we performed several study related to the biological activities of the propolis such as, the anti-*Candida albicans*, anti-inflammatory, and anti-oxidant and it molecular marker, were studied. The results showed that the Indonesian Propolis have anti-*Candida albicans*<sup>2</sup>, anti-inflammatory and anti-oxidant activities<sup>3</sup>. About 7, 7, and 35 molecules are found as molecular marker for their activities, respectively. The molecules are different with other propolis.

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