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## **Brazilian red propolis: Chemical composition and antibacterial activity determined using bioguided fractionation**

**Short running head:** Bioguided fractions of red propolis with antibacterial activity

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### **ABSTRACT**

The indiscriminate use of antibiotics is causing an increase in bacterial resistance, complicating therapeutic planning. In this context, natural products have emerged as major providers of bioactive compounds. This work performs a bioguided study of Brazilian red propolis to identify compounds with antibacterial potential and to evaluate their cytotoxicity against non-tumour cells. Using bioguided fractionation performed with

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