



Antioxidant, Antimicrobial and Cytotoxic Activities of *Corypha taliera* Roxb.

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SUMMARY. The methanol extract of *Corypha taliera* fruits as well as its n-hexane, carbon tetrachloride, dichloromethane and aqueous soluble fractions were subjected to screening for antioxidant, antimicrobial and cytotoxic activities. The methanolic crude extract exhibited the highest antioxidant activity (IC₅₀ 19.33 µg/ml as compared to 9.5 µg/ml for the standard agent, BHT). The crude methanol extract and its carbon tetrachloride, dichloromethane and aqueous soluble fractions showed mild to moderate inhibition of microbial growth against some of the tested organisms. All the extractives exhibited strong cytotoxic properties, among which the methanol extract revealed the strongest cytotoxicity (LC₅₀ = 0.43 µg/ml).

KEY WORDS: Antioxidant, Antimicrobial, Cytotoxic, *Corypha taliera*.

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