

## Screening of Zingiberaceae extracts for antimicrobial and antioxidant activities

### ABSTRACT

Dichloromethane and methanol extracts of 13 Zingiberaceae species from the *Alpinia*, *Costus* and *Zingiber* genera were screened for antimicrobial and antioxidant activities. The antimicrobial activity of most of the extracts was antibacterial with only the methanol extract of *Costus discolor* showing very potent antifungal activity against only *Aspergillus ochraceus* (MID, 15.6 g per disc). All the extracts showed strong antioxidant activity comparable with or higher than that of  $\alpha$ -tocopherol.

**Keyword:** Zingiberaceae; Antimicrobial activity; Antioxidant activity