

***in vitro* screening of cytotoxic activities of hopea ponga (dennst.) Bark extracts**

Hosadu Manjappa Vagdevi

Synthetic Organic and Medicinal Chemistry, India

Abstract:

Introduction: The present work involves the evaluation of different extracts of stem bark of *Hopea ponga* (Dennst.) for their cytotoxicity on normal and different cancer cell lines. The cytotoxicity was studied against HeLa, SiHa, MDA-MB and Vero cell lines. Dose dependent cell viability is observed for different extracts. At a lower concentration of 25 µg/ml, ethyl acetate extract has shown a potent cytotoxicity. The extract exerted a cell viability of 65.55%, against