

ANTIMICROBIAL ACTIVITY OF GREEN AND RED MACROALGAL EXTRACTS FROM PULICATE LAKE

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ABSTRACT:

Marine algae offer an alternative to chemical-based antibiotics due to their strong antibacterial activity and capacity to synthesise beneficial secondary metabolites. The green, brown, and red macroalgae have antibacterial activity because they contain a variety of phytochemicals and sulfated polysaccharides. We examined the antibacterial activity of extracts from Enteromorpha intestinalis, Ulva reticulata (green algae), Hypnea, and Gracilaria (red algae) against a few common human diseases in the current work.

KEYWORDS: *Macroalgae, Seaweeds, Liquid Fertilizer, Enteromorpha intestinalis, Ulva reticulata, and Hypnea and Gracilaria.*