Review Article

STUDY ON SYNERGISTIC ANTIMICROBIAL ACTIVITY OF FALSE DAISY AND TURMERIC

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The rising prevalence of antimicrobial resistance necessitates exploring natural plant synergies . This review examines the potential synergistic antimicrobial effects of false daisy (Eclipta alba) and turmeric (Curcuma longa) extracts against common bacterial and fungal pathogens. Drawing from individual plant studies and analogous synergies, the combination shows promise in enhancing zone inhibition and reducing minimum inhibitory concentrations (MICs). Key findings highlight curcumin from turmeric and wedelolactone from false daisy as bioactive contributors, suggesting applications in combating multidrug-resistant strains . Recommendations include standardized clinical trials for therapeutic validation.

Keywords: antimicrobial resistance, Eclipta alba, Curcuma longa, minimum inhibitory concentrations.

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