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Inhibition of Biofilm Formation

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Abstract

Biofilm formation increases the survival chances of the microbial species. Increase in microbial cell density triggers quorum sensing and leads to colony formation. The emergence of multidrug resistance (MDR) strains with biofilm formation ability of human pathogen has limited effective antibiotic-based treatment. Hence it is immediately required to identify novel molecules for the treatment of such microbial infections forming a biofilm. Here, traditional medicine has a lot to offer in search of a novel therapeutic molecule. Researchers from the field of microbiology, phytochemistry, and pharmacognosy have screened several plant extracts and purified molecules, which have shown promising results. Here, we have covered druggable targets in a biofilm, interacting members in a biofilm, and utilize