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(54) Title: COMPOSITIONS AND METHODS FOR TREATING BIOFILM-RELATED LUNG CONDITIONS

(57) Abstract: The subject invention provides materials and methods for preventing, inhibiting or reducing biofilm formation and biofilm infections, in particular, in the respiratory tract of a subject. The invention utilizes growth by-products of beneficial microorganisms to enhance the effectiveness of biocidal substances in the treatment, disruption and/or prevention of biofilms. Advantageously, the subject invention is useful against antibiotic-resistant bacterial strains, such as MRSA, *Helicobacter pylori*, *S. pneumoniae*, *P. aeruginosa* and *A. fumigatus*.



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