

Supporting Information

Amino acid Conjugated Polymer-Rifampicin Combination: Effective to Tackle Drug-resistant Gram-negative Clinical Isolates

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Table of Contents:

Page S-2-S-4: Supplementary Figures and Reference

Supplementary Figures.

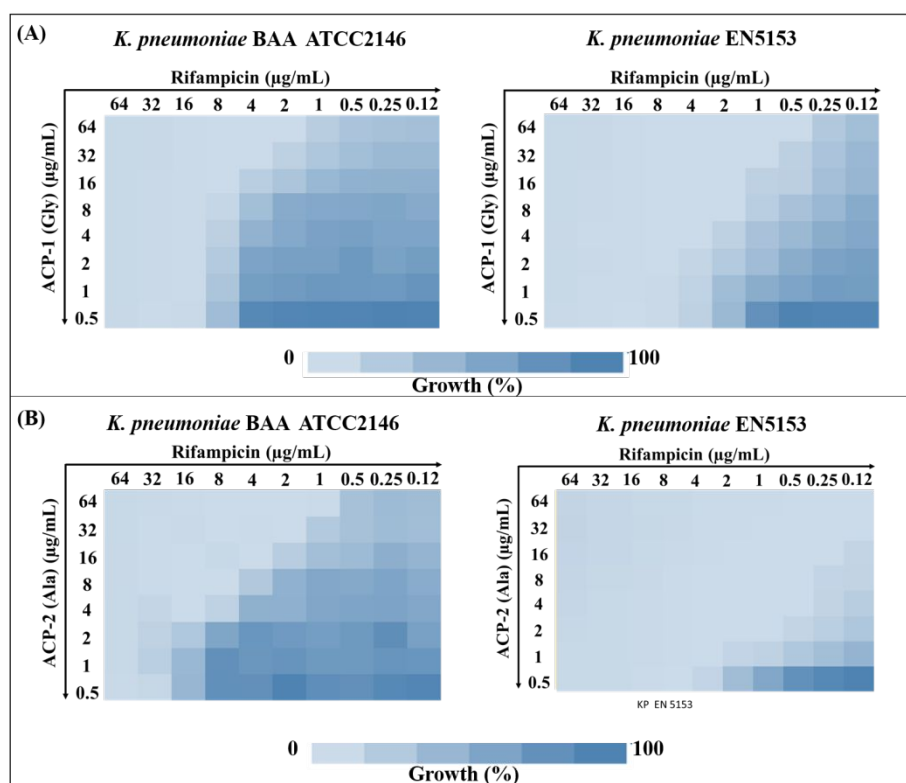


Figure S1. Chequerboard assay revealing efficacy of combination of rifampicin with (A) ACP-1 (Gly) and (B) ACP-2 (Ala) against *K. pneumoniae* BAA ATCC2146 and *K. pneumoniae* EN5153.

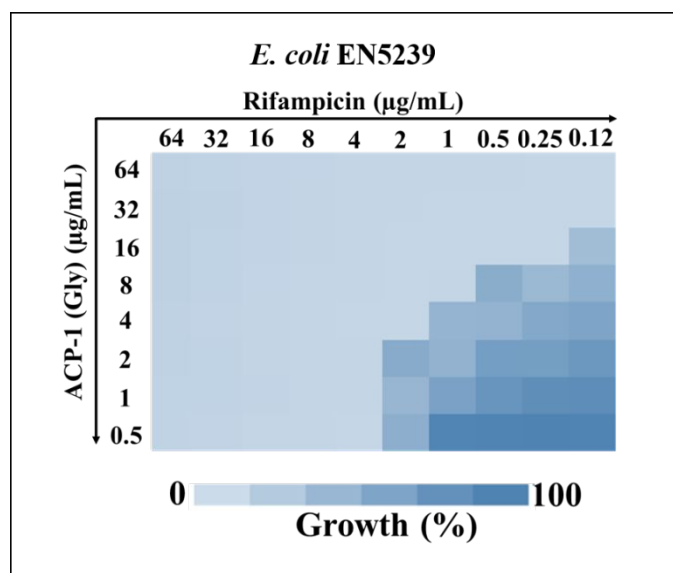


Figure S2. Chequerboard assay revealing efficacy of combination of rifampicin with ACP-1 (Gly) against *E. coli* EN5239.

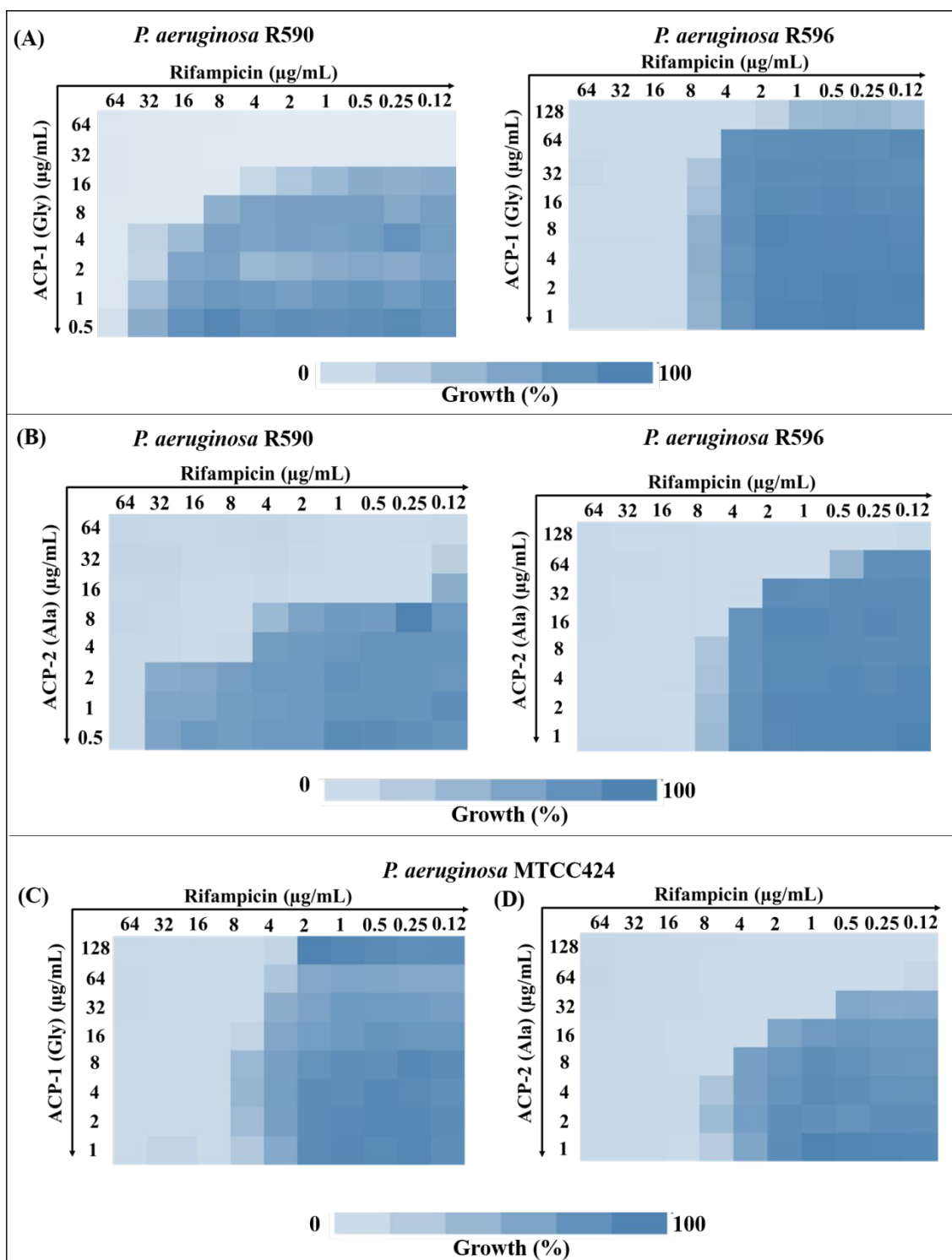


Figure S3. Chequerboard assay revealing efficacy of combination of rifampicin with (A) ACP-1 (Gly) and (B) ACP-2 (Ala) against *P. aeruginosa* R590 and *P. aeruginosa* R596; Combination of rifampicin with (C) ACP-1 (Gly), (D) ACP-2 (Ala) against *P. aeruginosa* MTCC424.

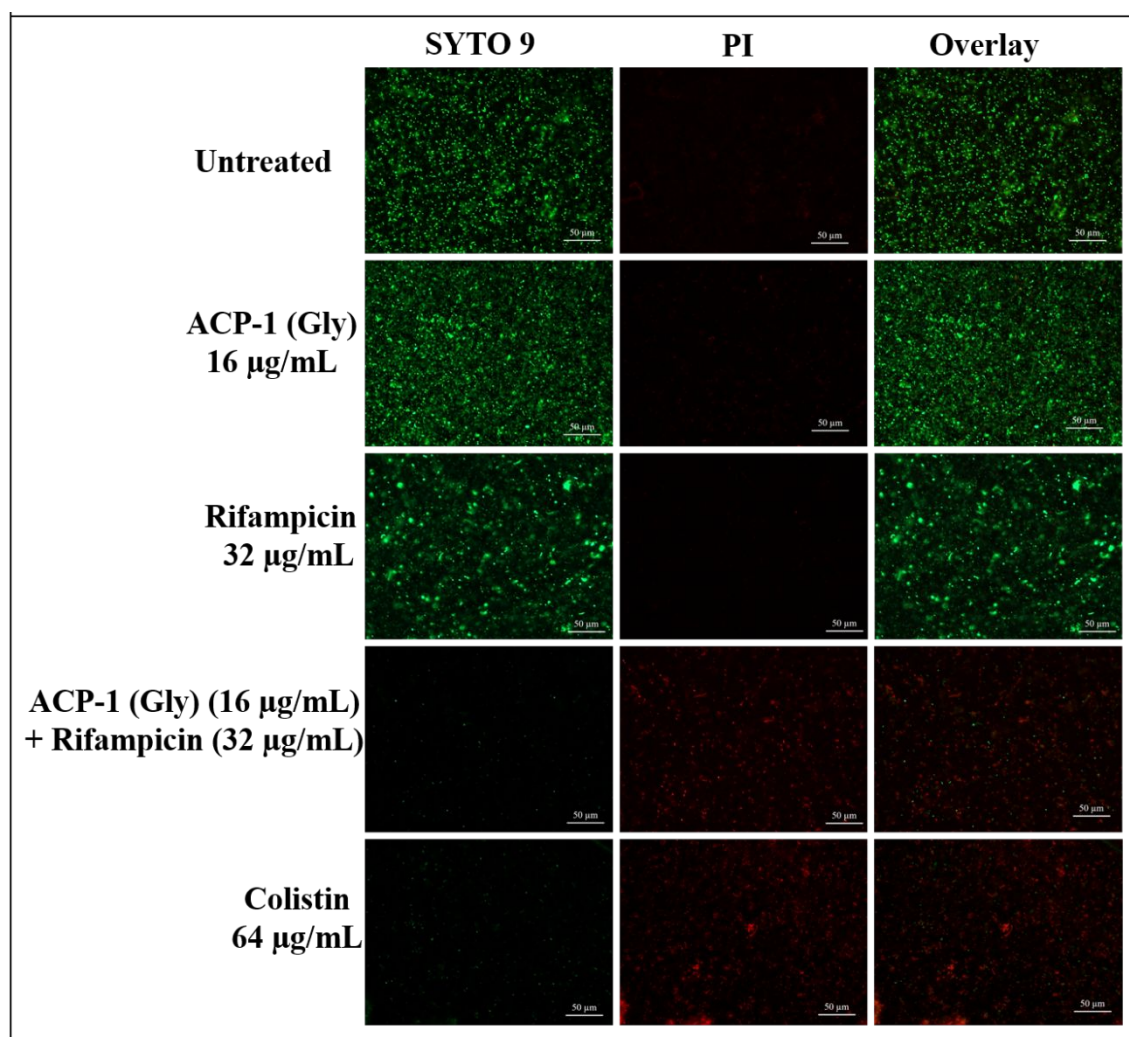


Figure S4. Fluorescence microscopy images of *P. aeruginosa* R590 biofilm by SYTO 9 and PI staining. The scale bar is 50 µm.

Reference

Uppu, D. S. and Haldar, J. Lipopolysaccharide Neutralization by Cationic-Amphiphilic Polymers through Pseudoaggregate Formation. *Biomacromolecules* **2016**, *17*, 862-873.