

# Tobramycin-mediated self-assembly of DNA nanostructures for targeted treatment of *Pseudomonas aeruginosa*-infected lung inflammation

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Table S1: DNA sequences are as follows:

Strand	Sequence (5' - 3')
M1	GTA GGT TTT TTC TTG CCA GGC ACC ATC GTA GGT TTT TTC TTG CCA GGC ACC ATC GTA GGT TTT TTC TTG CCA GGC ACC ATC
M2(maleimide-decorated DNA single strand)	TGA TAA GCT AAA GCA AGC CTA CGA TGG ACA CGG TAA CGA C
M3	ACC GTG TGG TTG CTA GTC GTT
M4	TAG CAA CCT GCC TG

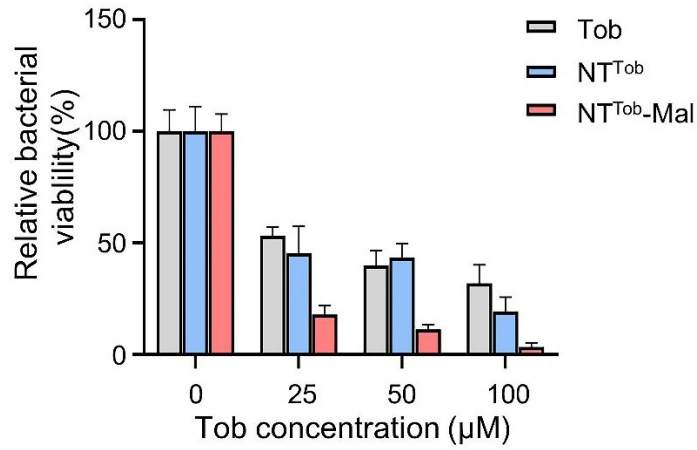


Fig. S1 Quantitative analysis of CFUs on LB agar plates to evaluate the inhibition of *Pseudomonas aeruginosa* growth by Tob, NT<sup>Tob</sup> and NT<sup>Tob</sup>-Mal at different concentrations.

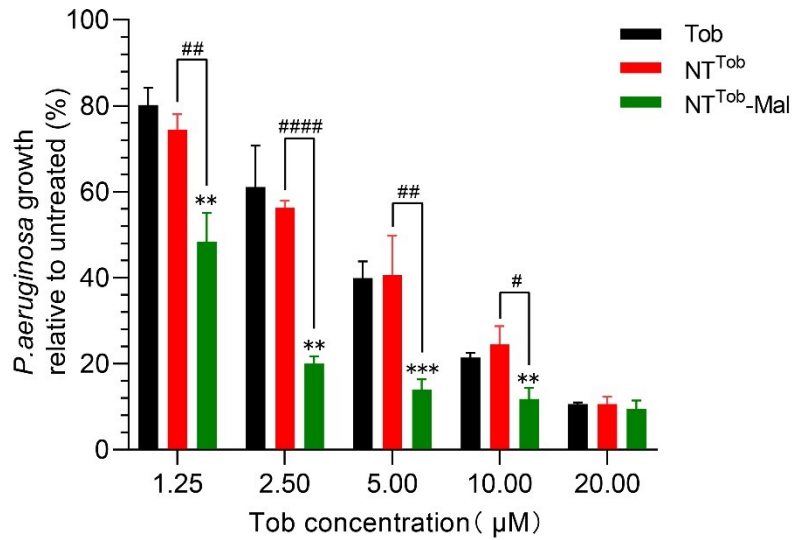


Fig. S2 The statistical differences in the effects of Tob, NT<sup>Tob</sup>, and NT<sup>Tob</sup>-Mal on bacterial biofilm growth. \*\*P < 0.01, \*\*\*P < 0.001, compared to Tob group. #P < 0.05, ##P < 0.01, ####P < 0.0001, compared to NT<sup>Tob</sup> group.