



Supplementary Figure – Ibuprofen reduces the bacterial growth rate of *P. aeruginosa* strain PAO1 cultured rich media. PAO1 was grown at 37°C in MH broth in the presence of ibuprofen (IBU) (100 µg/mL) over a 24-hour period and OD₆₀₀ was determined at 30 minute intervals. Controls included un-inoculated growth media (not shown), growth medium with bacteria alone, and growth medium containing DMSO (5% v/v) without ibuprofen (0 µg/mL) inoculated with bacteria. Each dataset represents the mean of 2 independent experiments, each with 4 technical replicates (total 8 replicates per treatment) and data are presented as mean ± standard error. * indicates $P < 0.05$, where a paired t-test was used to analyze the differences in end-point OD₆₀₀ for the growth curve.