FIGURES

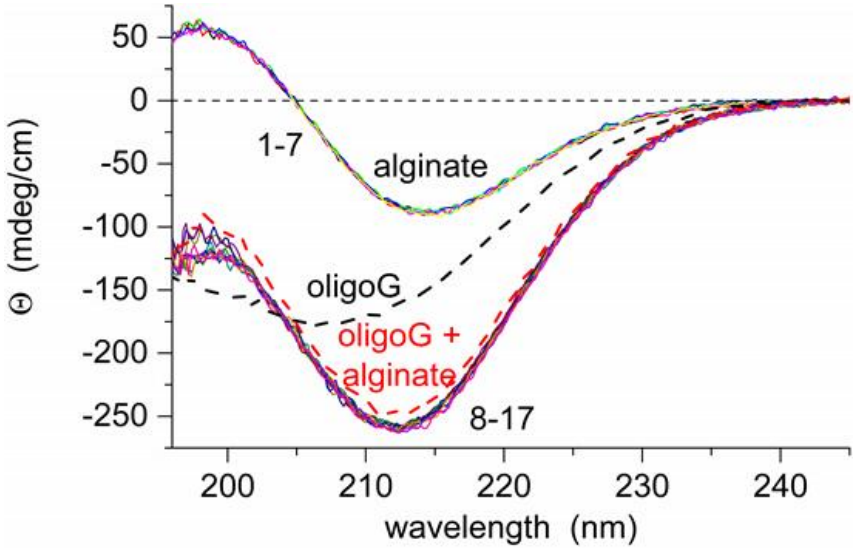


FIG S1 Circular dichroism (CD) spectra of high Mw pseudomonal alginate mixed with OligoG CF-5/20. Scans 1-7 show spectra of high Mw alginate (~20 μM) followed over ~77 min upon heating from 4 to 37^0C; scans 8-11 (~44min) are recorded after addition of OligoG CF-5/20 (850 μM) followed by addition of Ca^{2+} (1mM) (scans 12-17, ~ 66min). Spectra of OligoG CF-5/20 (850 μM) alone and its sum with high Mw alginate (20 μM) are shown as black and red dashed lines, respectively.

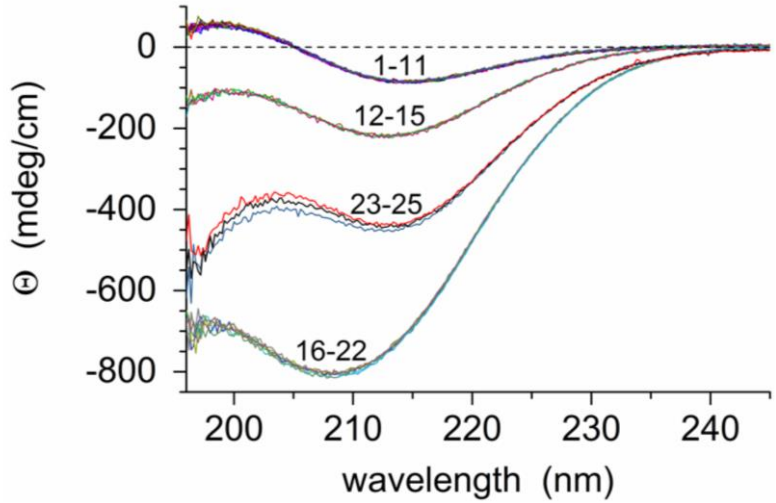
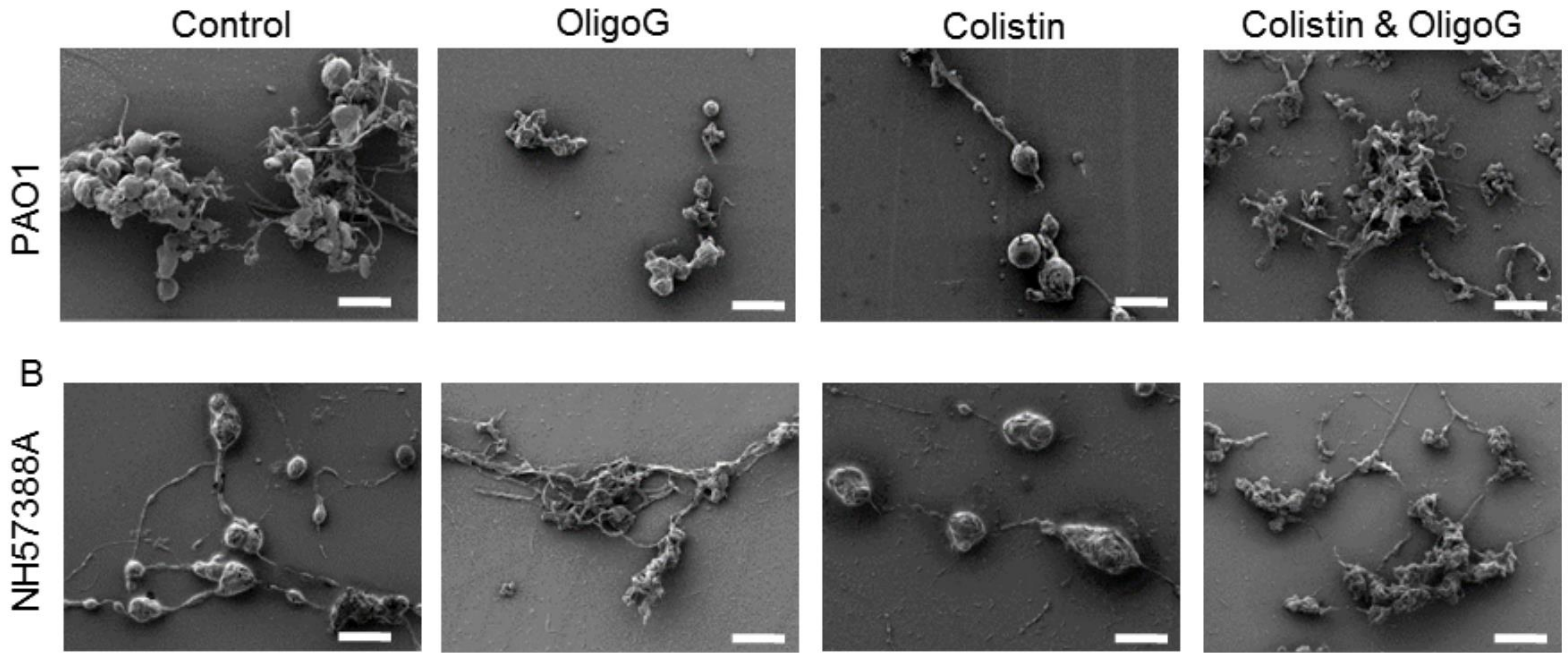


FIG S2 CD spectra of high Mw pseudomonal alginate mixed with OligoG CF-5/20. Scans 1-2 show spectra of high Mw alginate (~20 µM) followed over ~20 min after heating from 4 to 37°C, after which Ca^{2+} was added to a final concentration of 1mM (scans 3-8) and 2 mM (scans 9-11). Oligo G CF-5/20 was added to c_{fin} = 700µM (scans 12-15; molar ratio high Mw alginate to OligoG CF-5/20 1:50) and c_{fin} = 4.2mM (scans 16-22; molar ratio high Mw alginate to OligoG CF-5/20 1:600. Adding calcium to c_{fin} = 9 mM results in spontaneous alginate precipitation (scans 23-25).



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18 **FIG S3** Biofilm disruption assay showing SEM images of established (24 h) *P. aeruginosa* (A) PAO1 and (B) NH57388A biofilms treated for 24

19 h with 2% OligoG CF-5/20 ± colistin (16 µg/ml). Scale bar 20 µm.

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