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Please note:

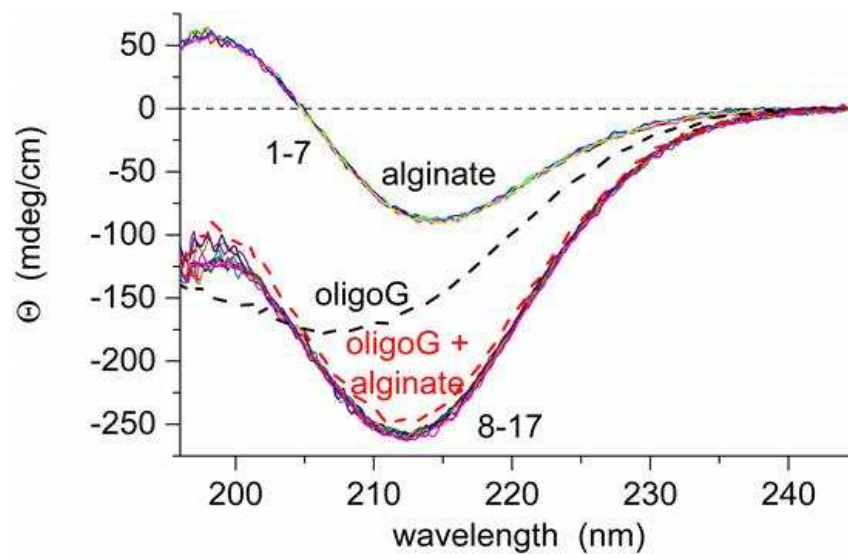
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1 **FIGURES**

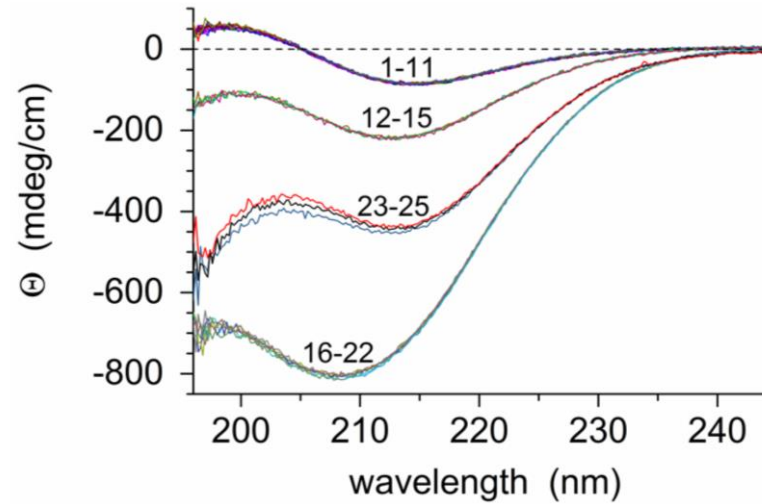
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4 **FIG S1** Circular dichroism (CD) spectra of high Mw pseudomonal alginate mixed with OligoG CF-5/20. Scans 1-7 show spectra of high Mw
5 alginate (~20 μM) followed over ~77 min upon heating from 4 to 37 $^{\circ}\text{C}$; scans 8-11 (~44min) are recorded after addition of OligoG CF-5/20 (850
6 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
7 (20 μM) are shown as black and red dashed lines, respectively.

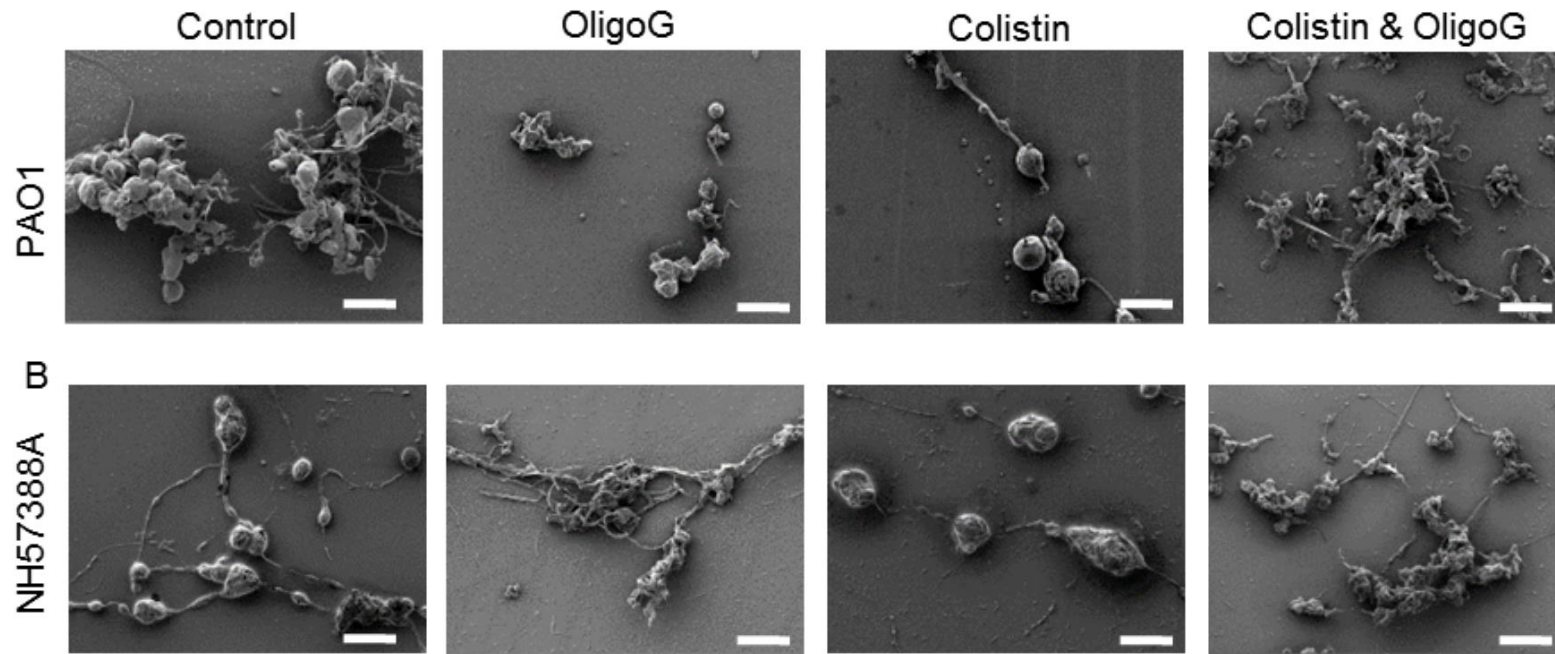
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11 **FIG S2** CD spectra of high Mw pseudomonal alginate mixed with OligoG CF-5/20. Scans 1-2 show spectra of high Mw alginate ($\sim 20 \mu\text{M}$)
 12 followed over ~ 20 min after heating from 4 to 37°C , after which Ca^{2+} was added to a final concentration of 1 mM (scans 3-8) and 2 mM (scans
 13 9-11). Oligo G CF-5/20 was added to $c_{\text{fin}} = 700 \mu\text{M}$ (scans 12-15; molar ratio high Mw alginate to OligoG CF-5/20 1:50) and $c_{\text{fin}} = 4.2 \text{mM}$ (scans
 14 16-22; molar ratio high Mw alginate to OligoG CF-5/20 1:600. Adding calcium to $c_{\text{fin}} = 9 \text{mM}$ results in spontaneous alginate precipitation (scans
 15 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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