

Anti-adhesive effect of glycoclusters on *Pseudomonas aeruginosa* bacteria adhesion to epithelial cells studied by AFM Single Cell Force Spectroscopy

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Supporting Information

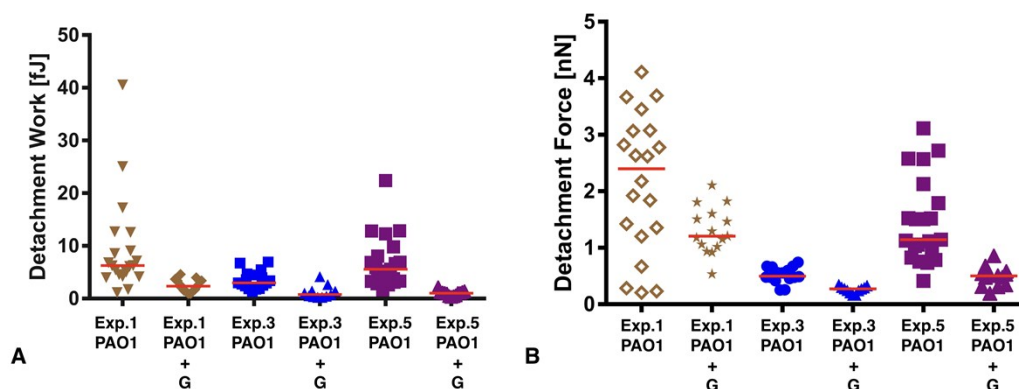


Figure S1: Exemplarily displaying data of three individual experiments for the relative reduction of A) W_D and B) F_D upon the addition of 130 μM of glycocluster G. Each symbol represents a curve while red bars express median values.

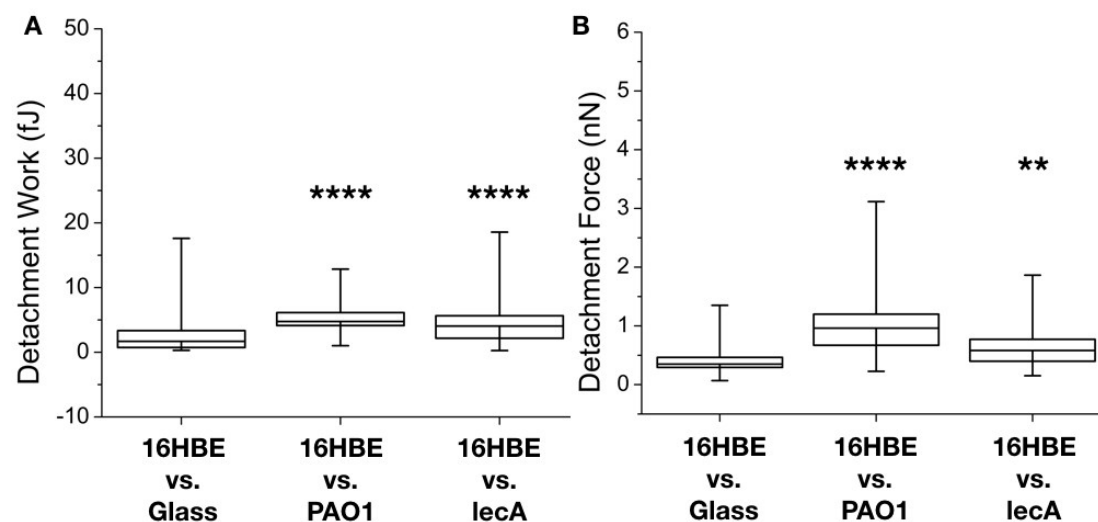


Figure S2: Quantification of A) W_D B) F_D for the interaction between 16HBE cells against glass (66 curves), PAO1 bacteria (98 curves) and *lecA* mutant (112 curves). The median values \pm SE (median) are represented, while the whiskers represent 5-95 percentile. The asterisk(s) indicates the p value calculated with the Mann-Whitney U test in comparison with the glass surface, * $p < 0.05$ and **** $p < 0.0001$.

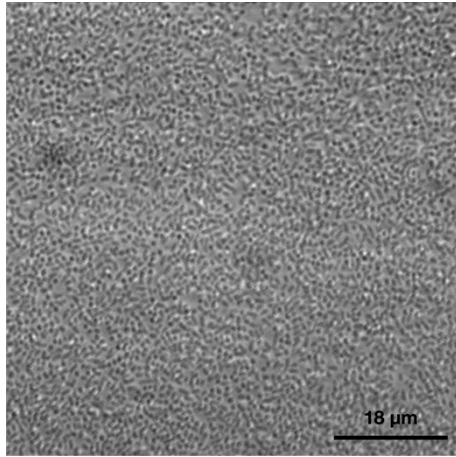


Figure S3: Bacterial monolayer. Image of a *lecA* bacterial monolayer on a glass dish, coverage density 57%. Image size 71 μm X 71 μm.