

Supplementary Figure 1.

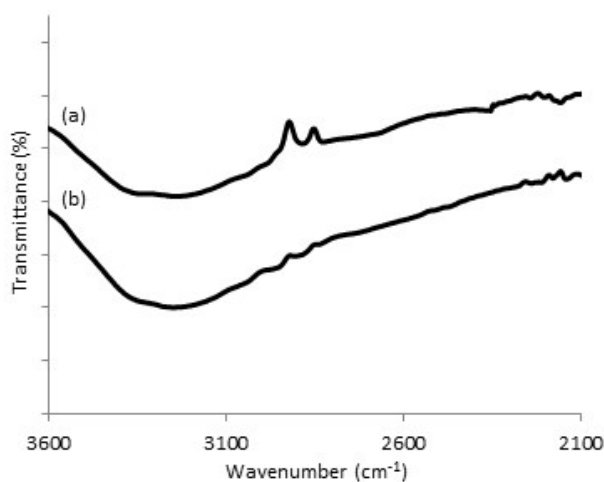


Figure S1. ATR-FTIR spectroscopy of (a) pDA-g-pMTAC or (b) pDA-BiBBR coated glass. Broad catechol peak is present at approximately 3260 cm⁻¹, and peaks characteristic of pMTAC are present between 2800 and 2900 cm⁻¹.

Supplementary Figure 2

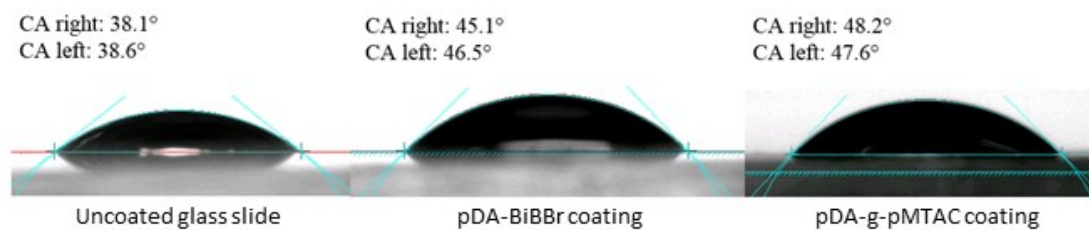


Figure S2. Water contact angle does not significantly change between glass slide, pDA-BiBBR and pDA-g-pMTAC surfaces.

Supplementary Table 1

Table S1. Water contact angle for glass slides coated with pDA-BiBBR or pDA-g-pMTAC

	Contact angle (°)
Glass slide	39.5 ± 1.0
pDA-BiBBR	44.5 ± 5.6
pDA-g-pMTAC	46.4 ± 9.0

Supplementary Table 2

Table S2. Colony count summary represented as fold change in cell number on coated compared to uncoated.

Repeat	1	2	3	4	Average
<i>E. coli</i>	0.39	0.5	1.16	0.39	0.61
<i>P. aeruginosa</i>	0.14	0.08	2.14	NA	0.79