Supporting Information

Synthesis procedures of MTC-catechol, transmittance at 600 nm of the uncoated and polymer-coated contact lenses*, F. solani* biofilm picture and protein adsorption on contact lenses.

Scheme S1. Synthesis procedures and chemical structure of MTC-catechol.

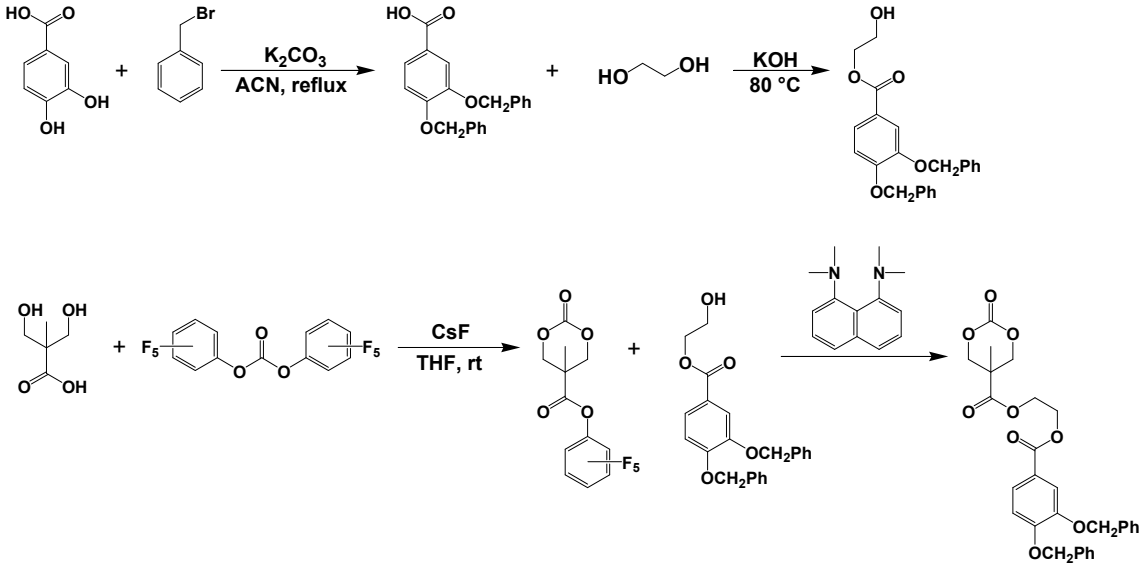

Table S1. Transmittance at 600 nm of the uncoated and polymer-coated contact lenses.

Surface Coating	Transmittance at 600 nm (mean ± SD)
Pristine Control	97.1 ± 0.1
AbPEI	96.8 ± 0.2
PEG-Catechol	95.5 ± 0.1
A	95.5 ± 0.1
B	95.1 ± 0.2
C	97.0 ± 0.1
D	96.0 ± 0.2
E	96.3 ± 0.1
F	95.3 ± 0.1
G	95.6 ± 0.1
H	96.6 ± 0.1

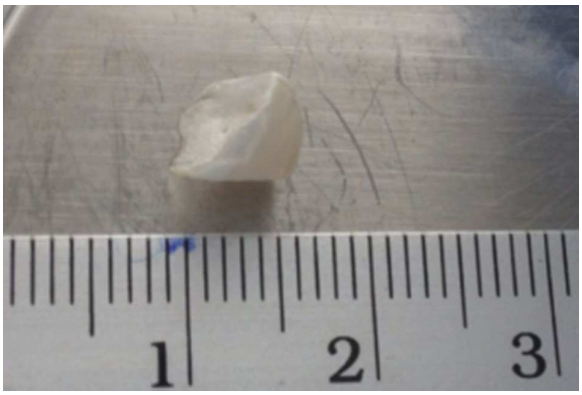

Figure S1. *F. solani* biofilm formed on the contact lens surface, which had a thickness of about 5 mm.

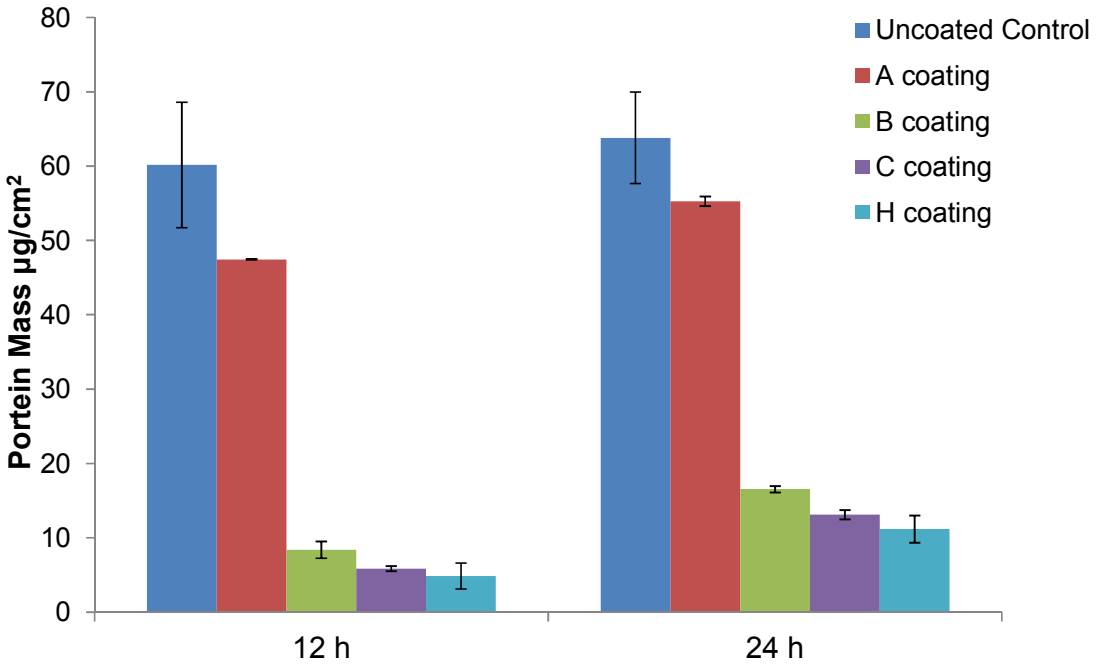

Figure S2. Evaluation of bovine serum albumin (BSA) adsorption on uncoated control lens and lens coated with polymers **A**, **B**, **C** and **H** by Micro BCA protein assay. Each condition was done in triplicates. $^{**}p<0.005$.