

Supporting information

Probing Molecular Interactions of PEGylated Chitosan in Aqueous Solutions Using Surface Forces Apparatus

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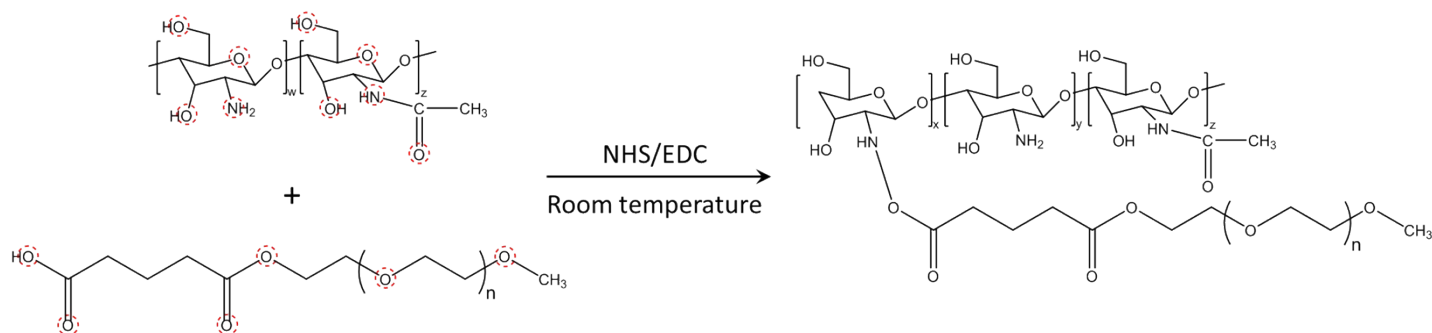


Fig. S1. The procedures to synthesize PEGylated chitosan and the hydrogen-bonding sites in PEGylated chitosan (red circle).

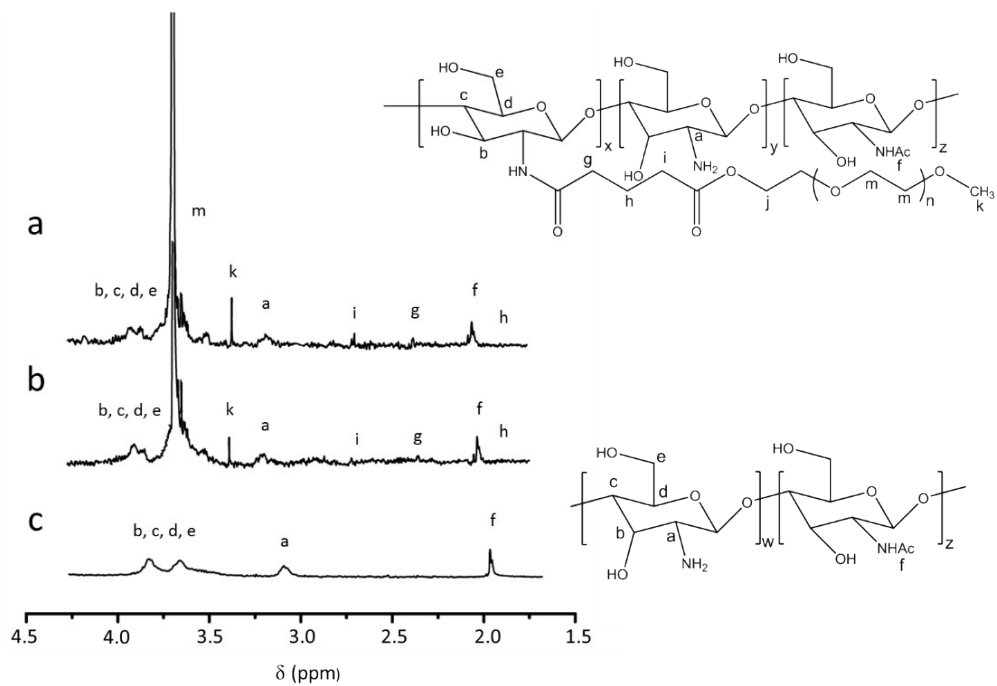


Fig. S2. ¹H NMR spectra analysis of (a) 10% PEGylated chitosan, (b) 5% PEGylated chitosan and (c) native chitosan.

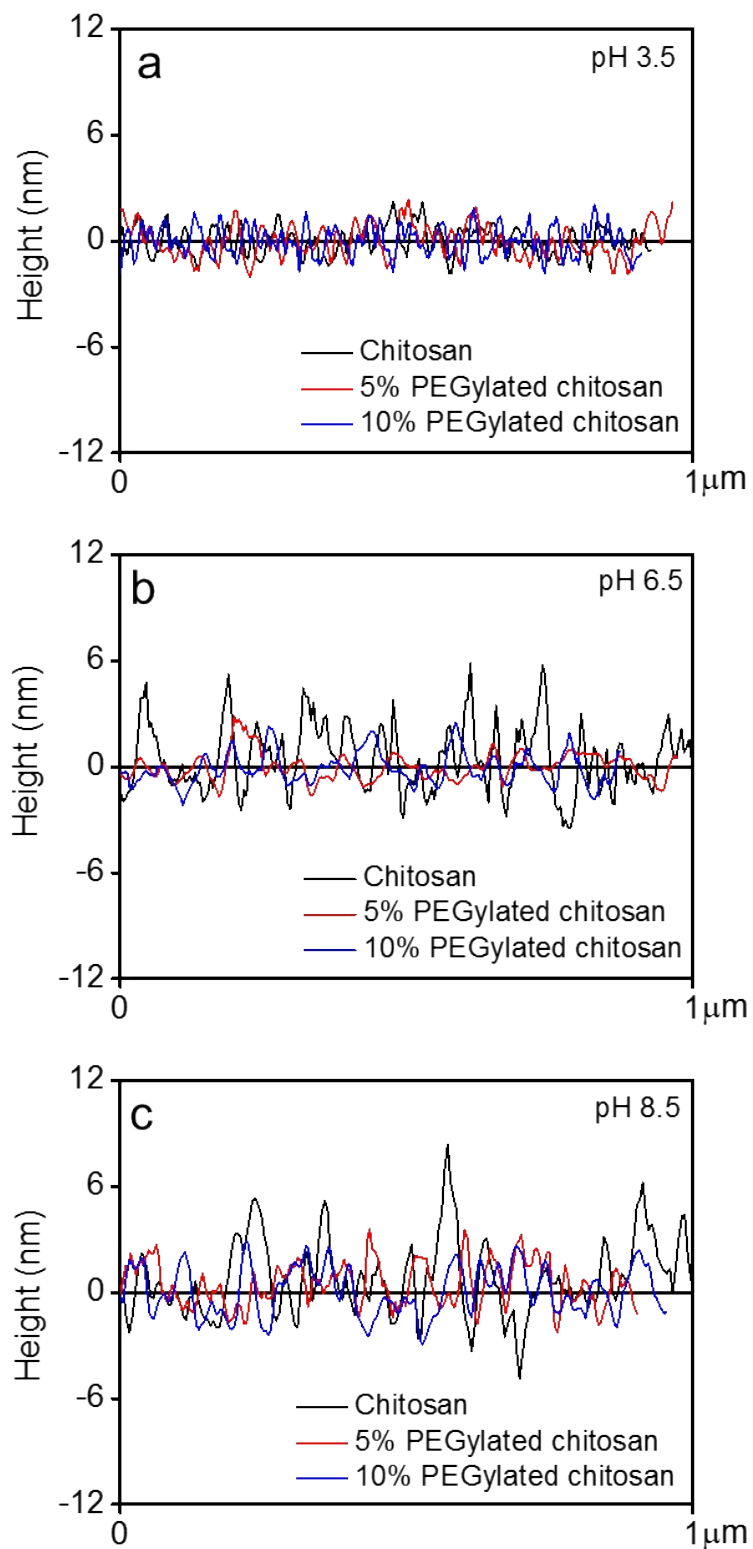


Fig. S3. Cross-section profiles of chitosan/PEGylated coatings at a) pH 3.5, b) pH 6.5 and c) pH 8.5.