"Supporting Information"

Ultra-low Fouling and Functionalizable Surface Chemistry Based on Zwitterionic Carboxybetaine Random Copolymers

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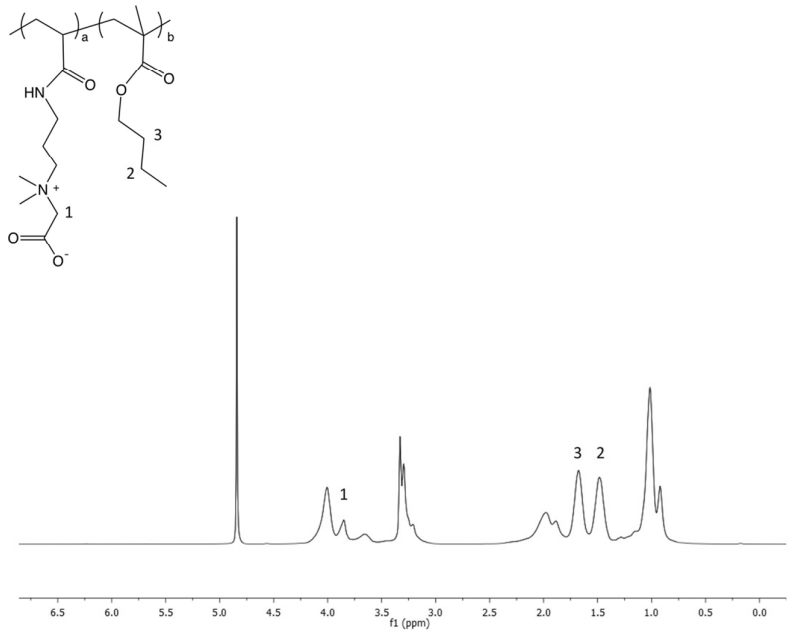
Figure S-1.

(a)


a
b
HN
O
O
O
3
2
N +
1
O
O -
1
3 2
6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

(b)

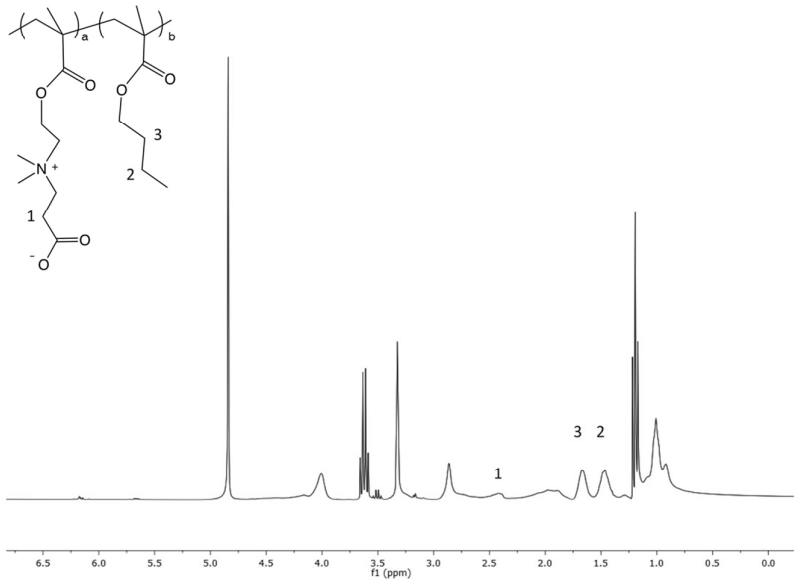

a
b
O
O
O
O
3
2
N +
1
O
O -
3 2
1
6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

Figure S-1. ^{1}H-NMR spectrum of (a) poly(CB1-*co*-BMA) (PCB1); and (b) poly(CB2-*co*-BMA) (PCB2). CB1: 1-Carboxy-*N,N*-dimethyl-*N*-(3'-acrylamidopropyl) ethanaminium inner salt; CB2: carboxybetaine methacrylate, 2-carboxy-*N,N*-dimethyl-*N*-(2'-methacryloyloxyethyl) ethanaminium inner salt; BMA: *n*-butyl methacrylate.

Figure S-2.

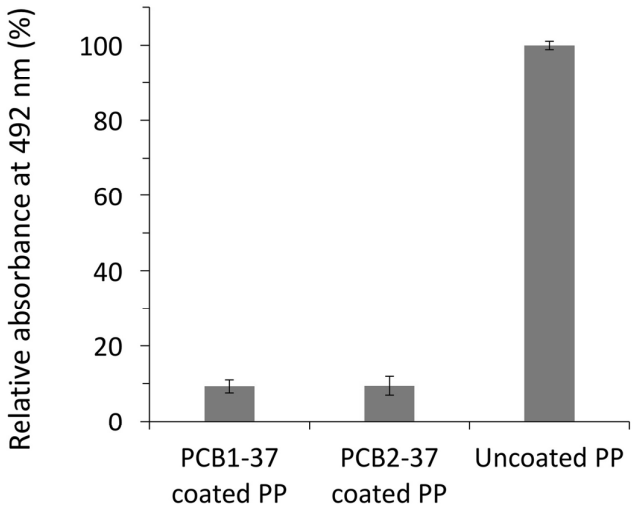


Figure S-2. Relative adsorption of fibrinogen (1.0 mg/mL, 1× PBS, pH 7.4) on PP surfaces coated with (a) PCB1-37 and (b) PCB2-37 at 0.5 wt% concentration.