Supporting Information

Dual-Functional Biomimetic Materials: Nonfouling Poly(carboxybetaine) with Active Functional Groups for Protein Immobilization

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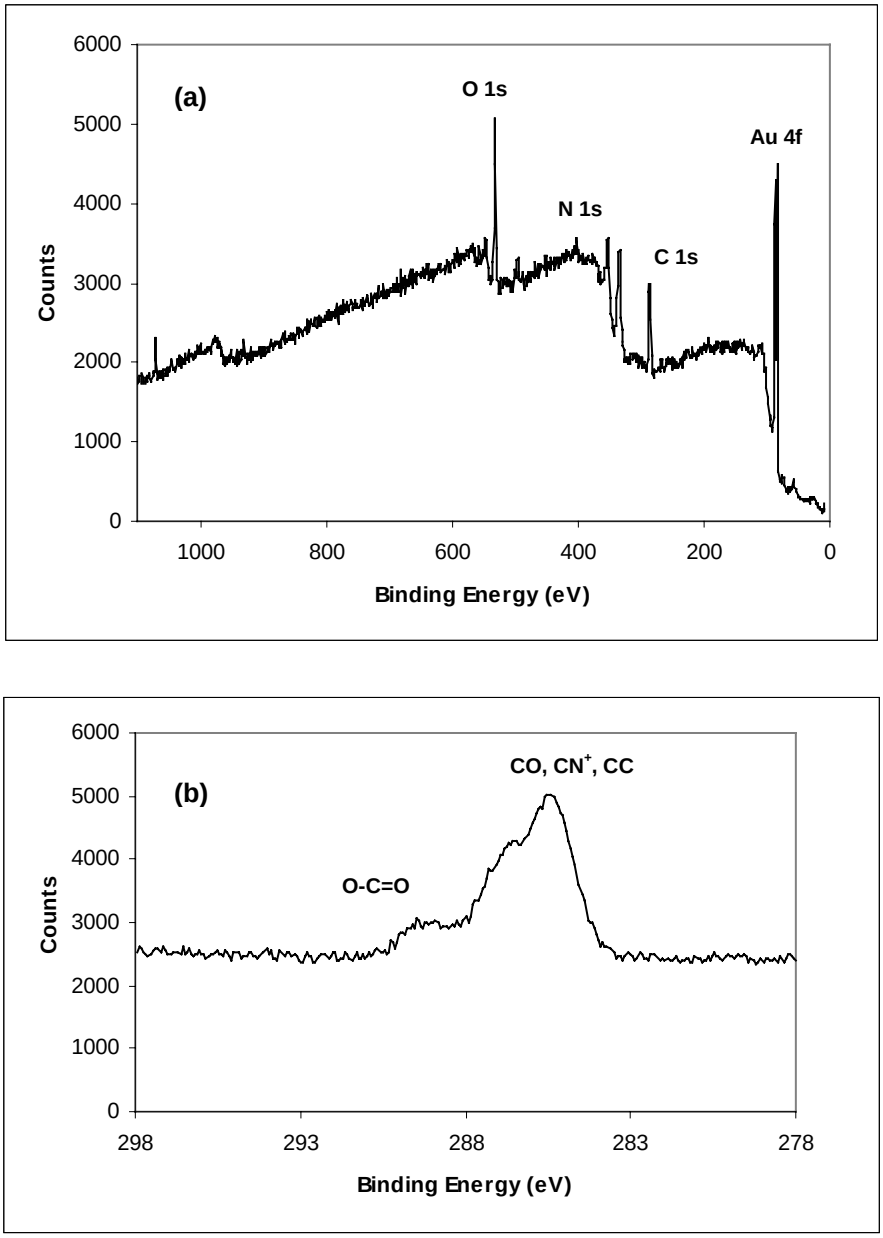

Figure S1. (a) XPS survey spectrum and (b) XPS high-resolution C_{1s} spectrum of a polyCBMA-grafted surface. Atom% C:O:N = 67:28:5 (theoretical value atom% C:O:N= 69:25:6).

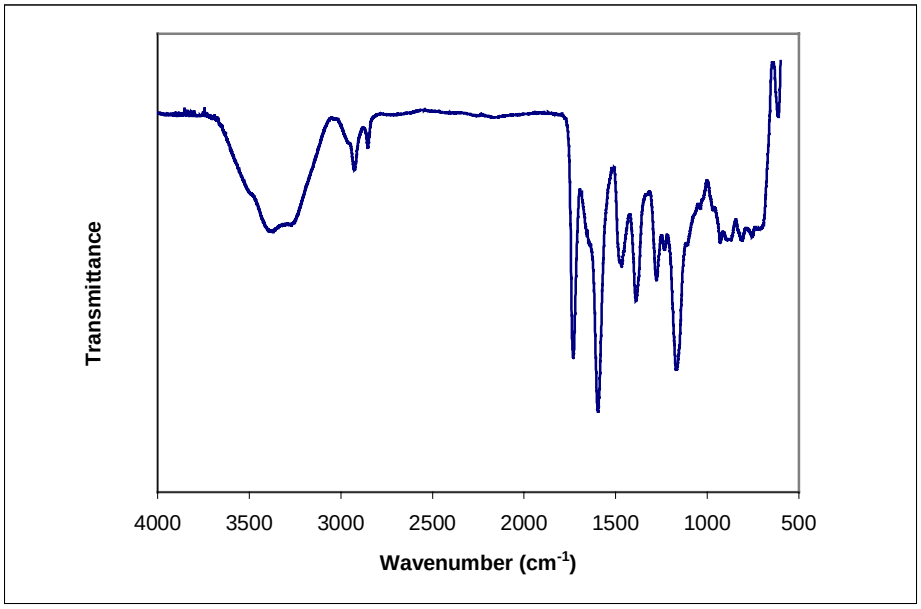

Figure S2. ATR-FTIR spectrum of polyCBMA grafted on a gold surface covered with initiators (characteristic peaks: 1727 cm^{-1}:C=O stretching, 1592 cm^{-1}: COO^- asymmetric stretching and 1380 cm^{-1}: COO^- symmetric stretching).