

## SUPPORTING INFORMATION for

### **Synthesis and targeting of PPP-type copolymers to breast cancer cells: Multifunctional platforms for imaging and diagnosis**

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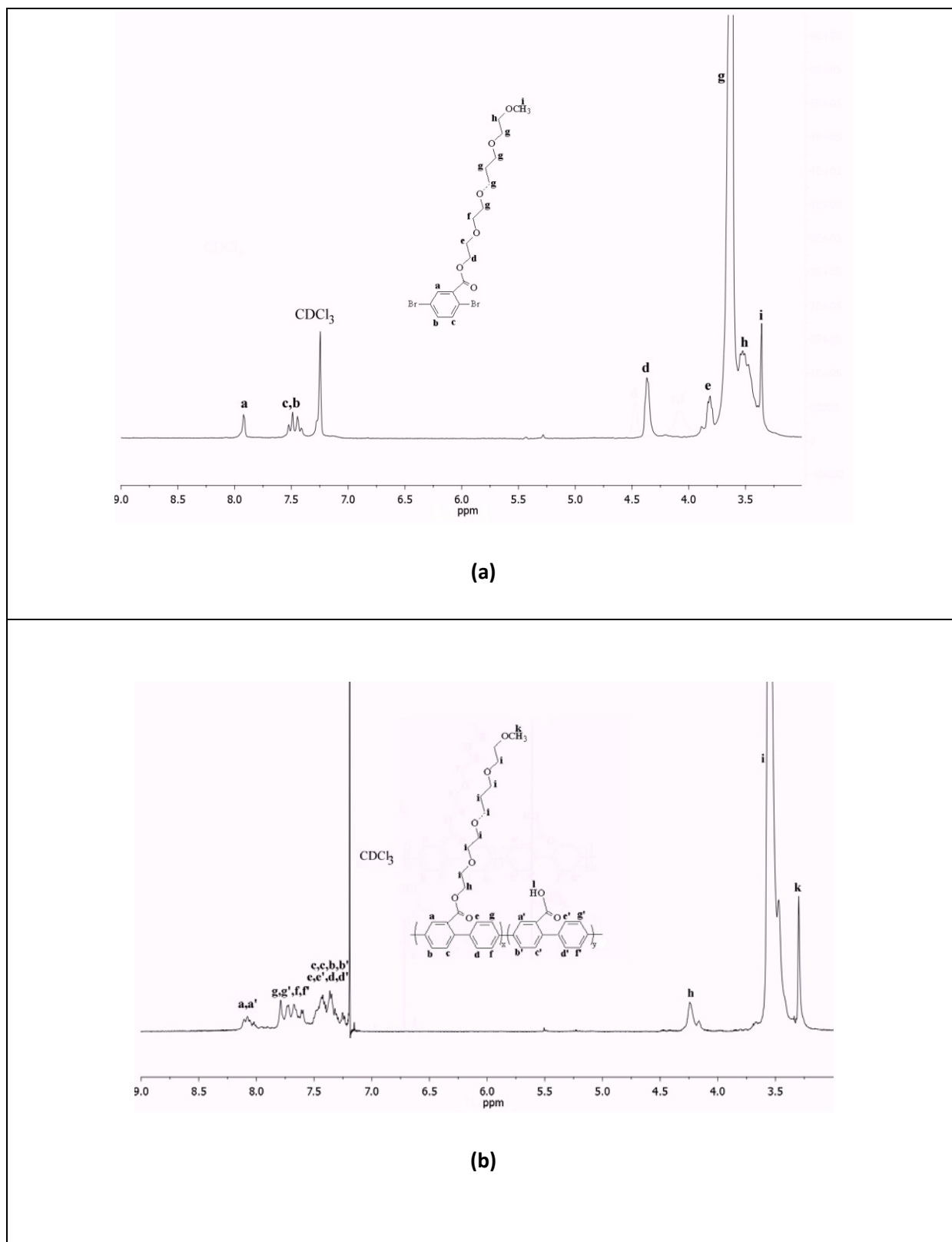
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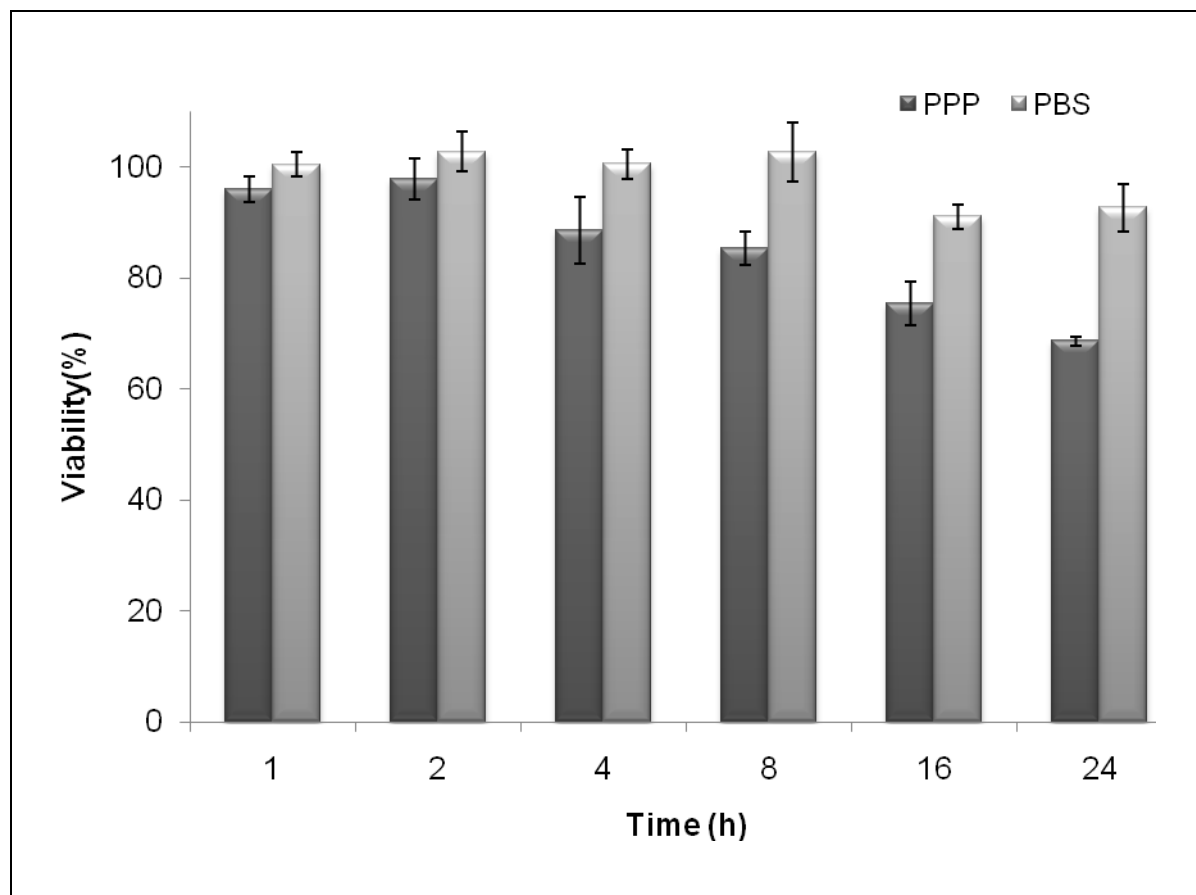
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### Spectral data for macromonomer and PPP copolymer;



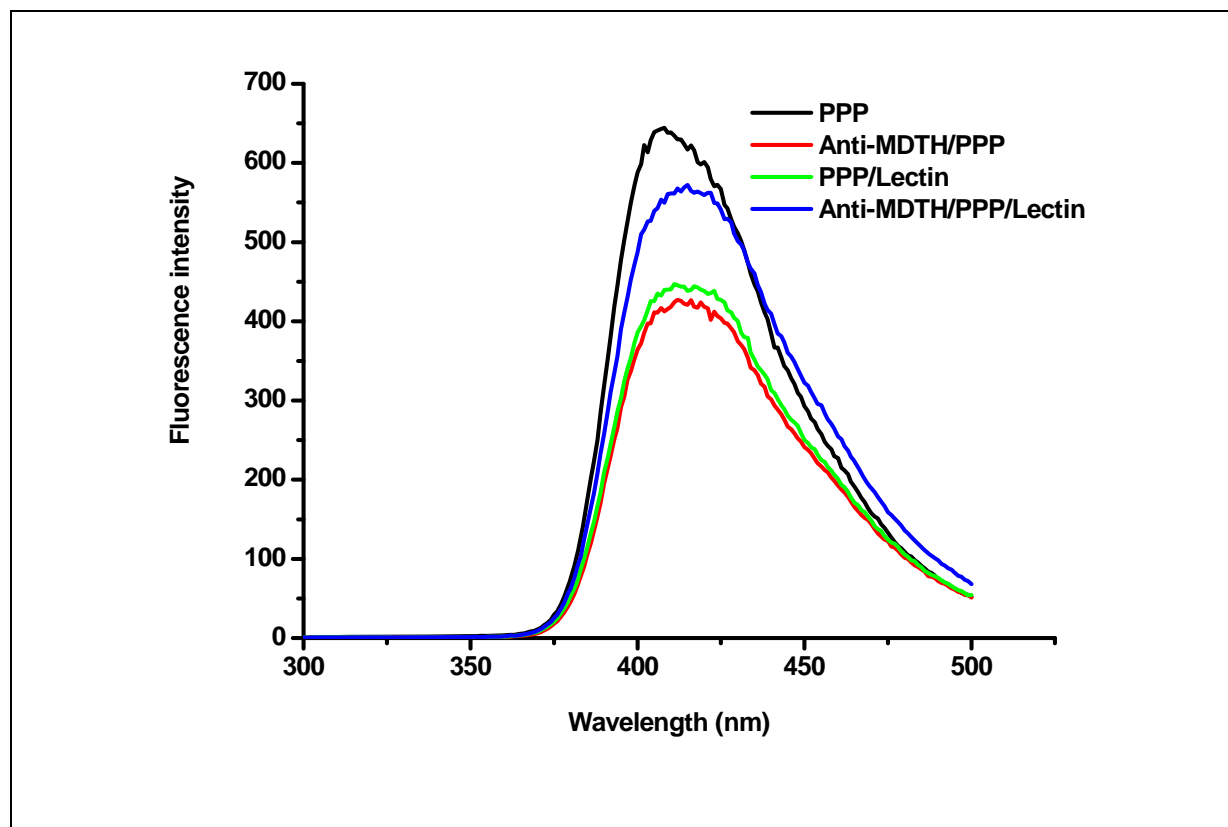
**Figure S1.** <sup>1</sup>H-NMR spectral data: (a) macromonomer, and (b) PPP copolymer in CDCl<sub>3</sub>.

## Cytotoxicity of PPP



**Figure S2.** Time dependent cell viability of MCF7 cells.  $5 \times 10^5$  cells/mL in the presence of PPP (0.05 mg/mL in the medium) and PBS (pH 7.4, 50 mM) as a function of time by typical MTT assay. Error bars represent the standard deviation of three measurements].

## Fluorescence spectra of PPP after conjugation of Anti-MTDH, Lec and Anti- MTDH-Lec



**Figure S3.** Fluorescence spectra of PPP after bioconjugation. Anti-MTDH, Lec and Anti-MTDH-Lec conjugation (in PBS pH 7.4), the excitation wavelength is 280 nm.