Supporting information for paper published in Molecular Pharmaceutics:

HPMA copolymer conjugates of paclitaxel and docetaxel with pH-controlled drug release

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In this supporting information we have added information concerning NMR spectra of newly synthesized derivatives of PTX and DTX, see Figures SI1. and SI2. Also two figures (SI3 and SI4) concerning in vitro release in phosphate buffers at pH 5 and pH 7.4 or in human plasma at 37 °C are included. This material is available free of charge via the Internet at <u>http://pubs.acs.org</u>.



Fig. SI1: NMR spectra of PTX and its derivatives



Fig. SI2: NMR spectra of DTX and its derivative



Fig. SI3: Release of PTX, DTX and derivatives from polymer conjugates **2**, **3**, **6** and **7** incubated in phosphate buffers at pH 5 (A) and pH 7.4 (B) at 37 °C. (\bigstar —) conjugate 2, PTX-LEV and PTX; (\blacktriangle ----)conjugate 3, PTX-LEV and PTX; (\blacksquare —) conjugate 6, DTX-LEV and DTX; (\bullet ----) conjugate 7, DTX-LEV and DTX; n=3.

