Supporting Information

Multiple pH responsive zwitterionic micelles for stealth delivery of anticancer drugs

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Table S1. Molecular weight measured by GPC.

<table>
<thead>
<tr>
<th>Polymer</th>
<th>Mn (Da)</th>
<th>Poly Dispersity Index (PDI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>pCBMA-p(ADA-TMDP)</td>
<td>15300</td>
<td>1.24</td>
</tr>
<tr>
<td>pDMAEM-p(ADA-TMDP)</td>
<td>16100</td>
<td>1.20</td>
</tr>
</tbody>
</table>

Figure S1. $^1$H-NMR spectrum of ADA (CDCl$_3$, 400 MHz).

Figure S2. Characterizations of the C-micelles and DOX/C-micelles. (a) Size distribution of C-micelles (red) and DOX/C-micelles (blue) in PBS solution. (b) TEM images of DOX/C-micelles. *Scale bar measures 200 nm. (c) Critical micelle concentration of the micelles.
Figure S3. In vitro cytotoxicity of C-micelles against (a) 3T3 cells and (b) HepG2 cells after incubation for 36 h.

Figure S4. CLSM of DOX/C-micelles (5 μg/ml DOX) at 0.5 h, 2 h, 6 h. DOX channel (red), DAPI stained nucleus channel (blue), bright images and overlay of previous images. Scale bar measures 20 μm.