Supporting Information For:

Water-Based Synthesis of Cationic Hydrogel Particles: Effect of the Reaction Parameters and \textit{in vitro} Cytotoxicity Study

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\textbf{Figure S1} Scanning electron microscopy images of the reaction products based on amino hydrogen to epoxy stoichiometric molar ratio of (a) 1:1 and (b) 1:2. Scale bar is 10 µm.
Figure S2 The phase transition profile of the polyetheramine monomer Jeffamine T-403 at a concentration of 2.5 mg/mL in aqueous solution.
Figure S3 Intensity correlation functions obtained from dynamic light scattering of hydrogel particles (hGPs) prepared under various reaction conditions.
Figure S4 Transmission electron microscopy (TEM) images of hGPs prepared from different reaction times. TEM samples were prepared by placing a drop of the hGP solution onto a carbon coated copper grid and air dried. The images were recorded using a Zeiss Auriga. Scale bar is 1 µm.
Figure S5 The intensity-averaged hydrodynamic size distribution of 200 µg/mL hGPs in water, and in serum-containing cell culture medium before and after 3 h of incubation at 37 °C.
Figure S6  Morphology of the untreated RAW264.7 macrophages. The phase contrast image was captured at 100 X magnification. Scale bar is 50 µm.