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ACCESSORY PUBLICATION

Thiol-Sensitive Core-Crosslinked Polymeric Micelles Carrying Nucleoside Pendant Groups – Analysis using 'On-Line' Methods

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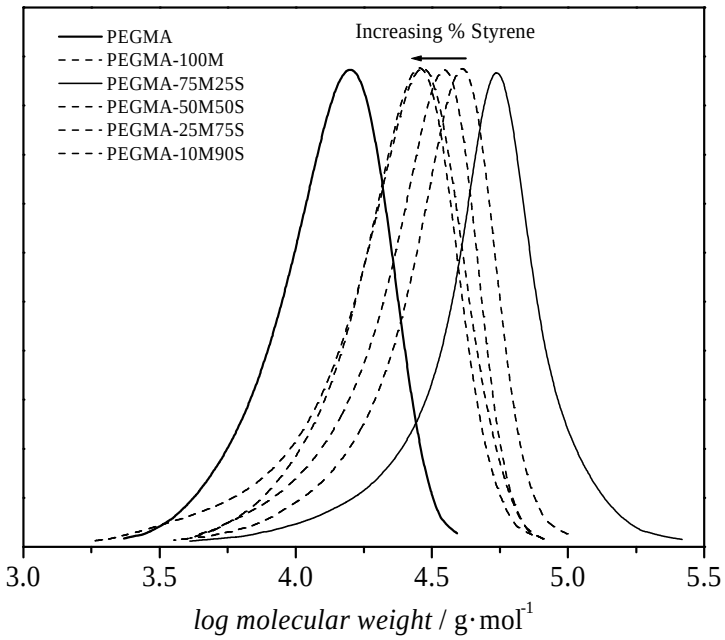

Figure S1: Molecular weight distribution as obtained from SEC of the chain extension polymerisation of macroRAFT agent PPEGMA with different ratios of the monomers MAU and

styrene at 70 °C ([PPEGMA] = 7.0 x 10^{-3} mol L^{-1}, [monomers]= 0.7 mol L^{-1}, [AIBN] = 2.1 x 10^{-3} mol L^{-1} in DMAc).

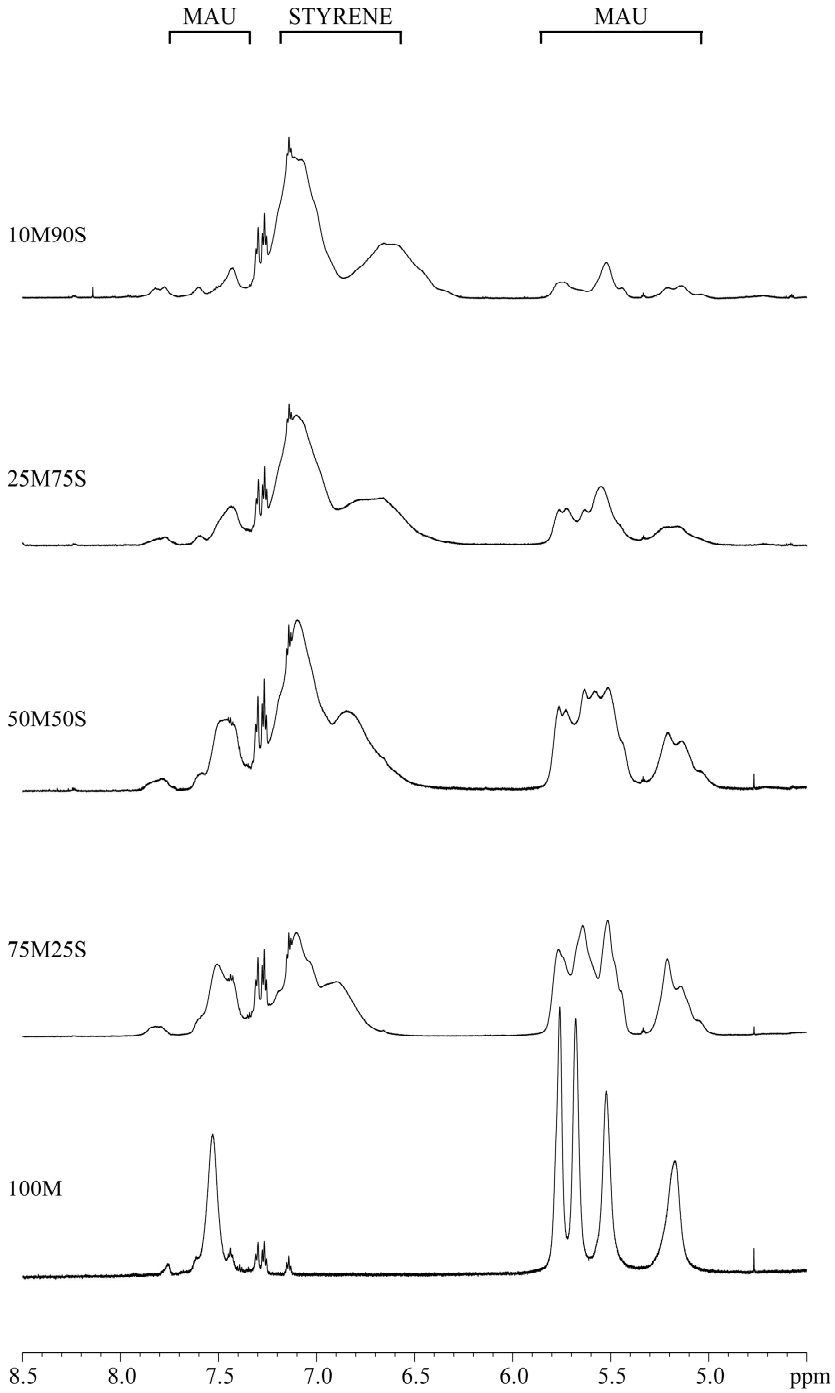

Figure S2: Statistical copolymer chain extension systems that were synthesised. A qualitative analysis is presented showing the decrease in intensity of MAU peaks as the intensity of styrene peaks increases.

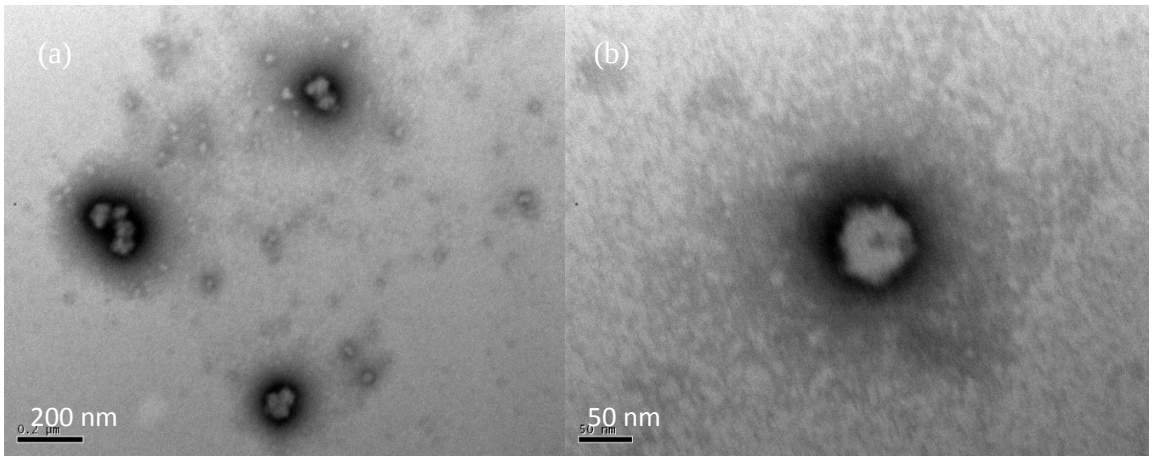

Figure 3: JEOL1400 TEM images of PEGMA-75M25S-DSDMA, after crosslinking, using uranyl acetate negative staining.

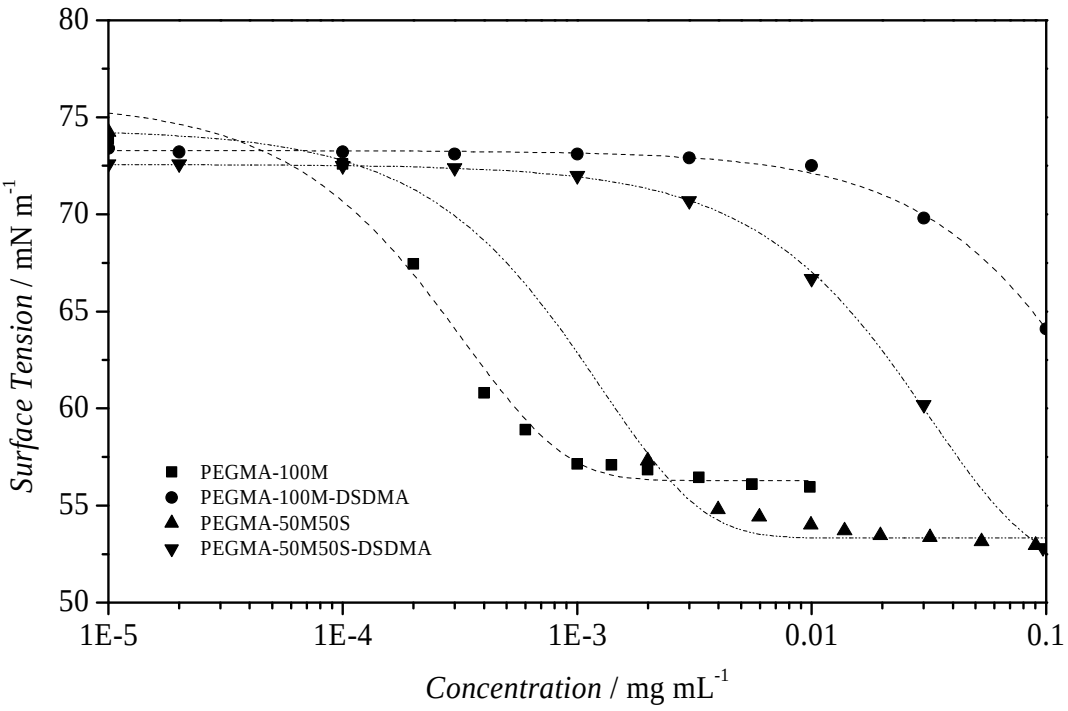

Figure 4: Surface tensions vs. concentration of crosslinked and un-crosslinked block copolymer micelles in aqueous solution at 25 °C. DSDMA is the crosslinker.

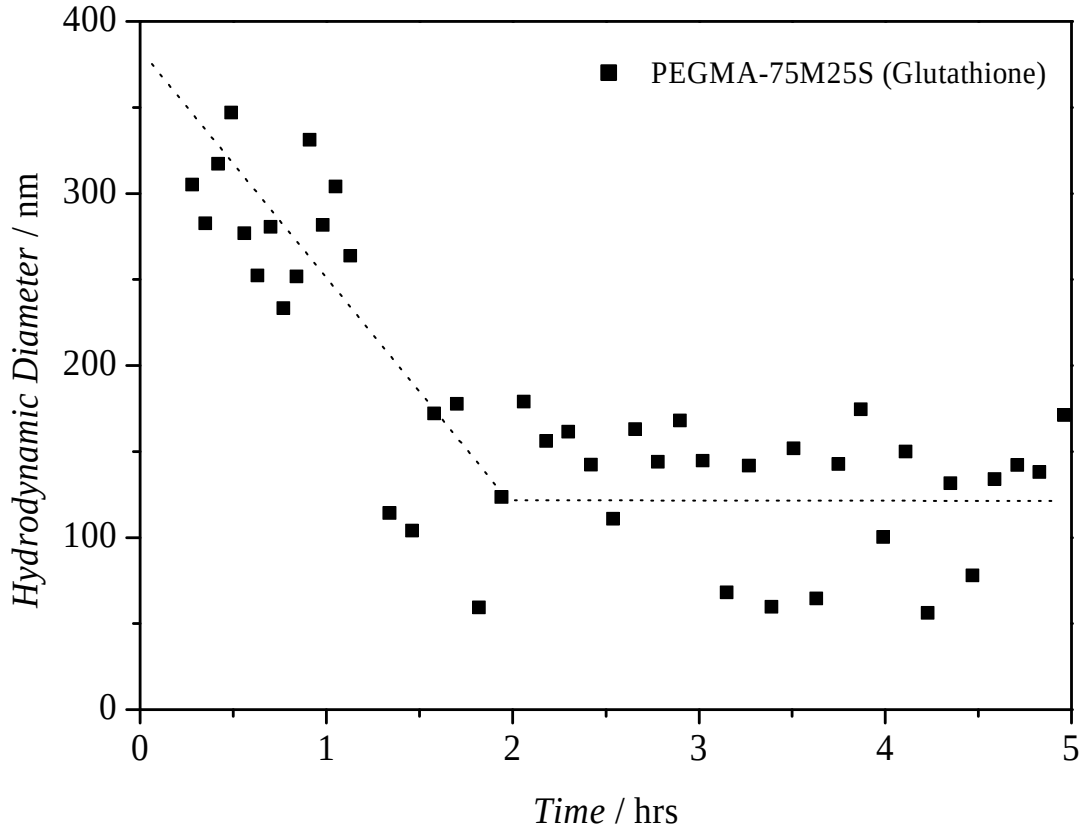

Figure S5: Degradation of PEGMA-75M25S crosslinked micelles in the presence of glutathione in DMAc. The fitted line does not follow any specific kinetic and should only guide the eye.