Figure S1 $^1$HNMR spectra of the triblock copolymer $m$PEG-$b$-PCL-$b$-$m$PEG (a) and triblock-graft copolymer $m$PEG-$b$-[PCL-$g$-(MEO$_2$MA-co-OEGMA)]-$b$-$m$PEG (b)

Figure S2 FT-IR spectra of $m$PEG-$b$-[PCL-$g$-(MEO$_2$MA-co-OEGMA)]-$b$-$m$PEG triblock-graft copolymer (a) and azide $m$PEG-$b$-[PCL-$g$-(MEO$_2$MA-co-OEGMA)-$b$-$m$PEG triblock-graft copolymer (b)

Figure S3 $^1$HNMR spectra of CTA (a) and P(GMA-co-MEO$_2$MA-co-OEGMA) (b)

Figure S4 FT-IR spectra of P(GMA-co-MEO$_2$MA-co-OEGMA) and alkynyl P(GMA-co-MEO$_2$MA-co-OEGMA)
Figure S5 FT-IR spectra of the azide triblock-graft copolymer (a), the crosslinker alkynyl P(GMA-co-MEO2MA-co-OEGMA) (b), the crosslinker TPOM (c) and the two gels (d, e).