

Supplementary data

“Comparison of *in vitro* and *in vivo* protein release from hydrogel systems” by S. Wöhl-Bruhn, M. Badar, A. Bertz, B. Tiersch, J. Koetz, H. Menzel, P.P. Mueller, H. Bunjes

This supplement contains direct comparison of *in vitro* and *in vivo* release data for all tested hydrogel drug delivery systems (bulk hydrogels from HES-P(EG)₆MA and HES-MA polymer as well as hydrogel microspheres from HES-P(EG)₆MA polymer) which are shown in Fig. S.1.

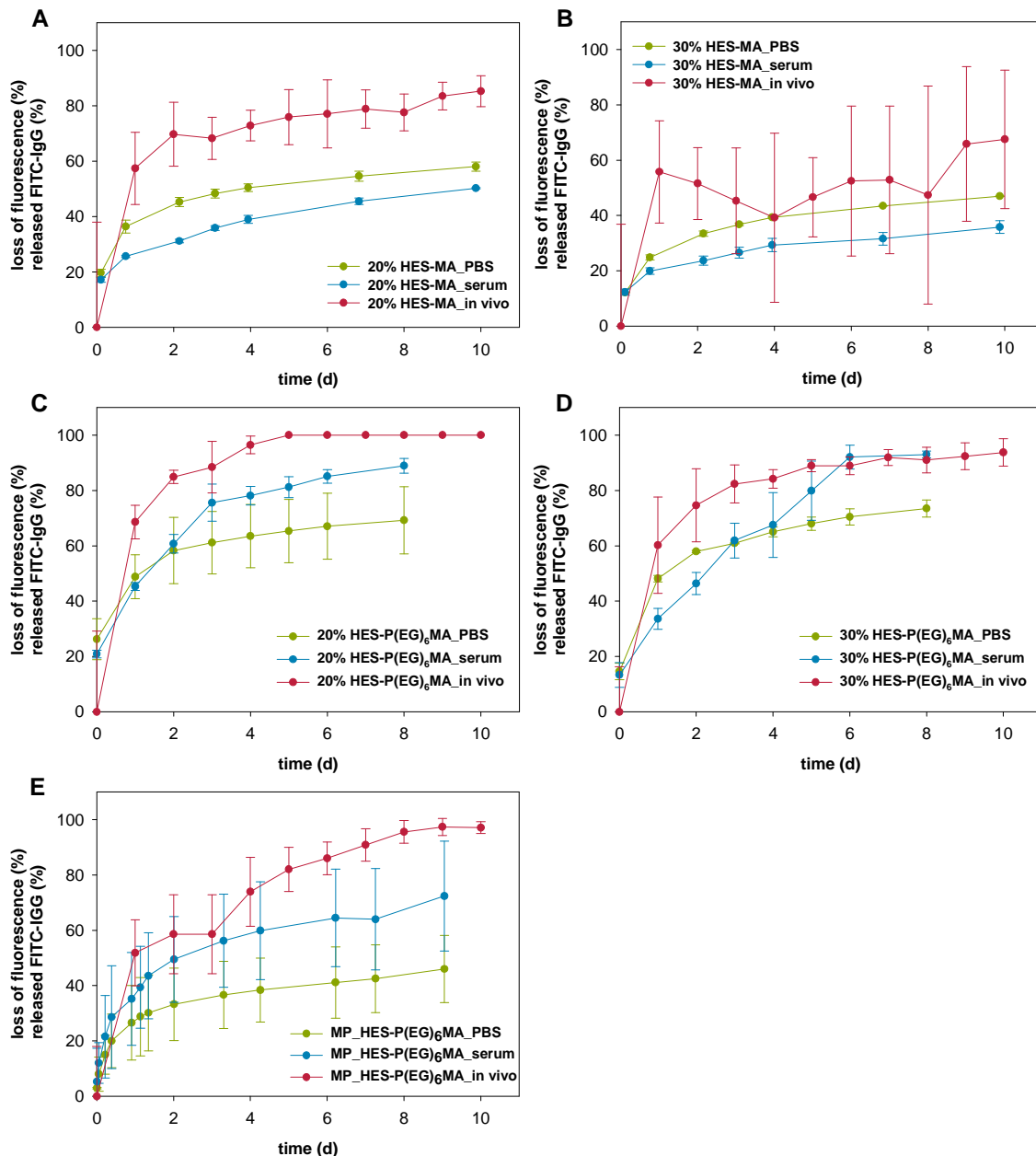


Fig. S.1 Comparison of *in vitro* and *in vivo* release of FITC-IgG from 20 % HES-MA hydrogel disks (A), 30 % HES-MA hydrogel disks (B), 20 % HES-P(EG)₆MA hydrogel disks (C), 30 % HES-P(EG)₆MA hydrogel disks (D) and HES-P(EG)₆MA hydrogel microparticles (E). *In vitro* studies were performed in PBS and human serum. *In vivo* release of FITC-IgG from subcutaneously implanted hydrogel disks and injected hydrogel microparticles in Balb/c mice was determined by an *in vivo* imaging system.