

Supplementary Materials: Preparation, Characterization and Biological Evaluation of Poly(Glutamic Acid)-*b*- Polyphenylalanine Polymersomes

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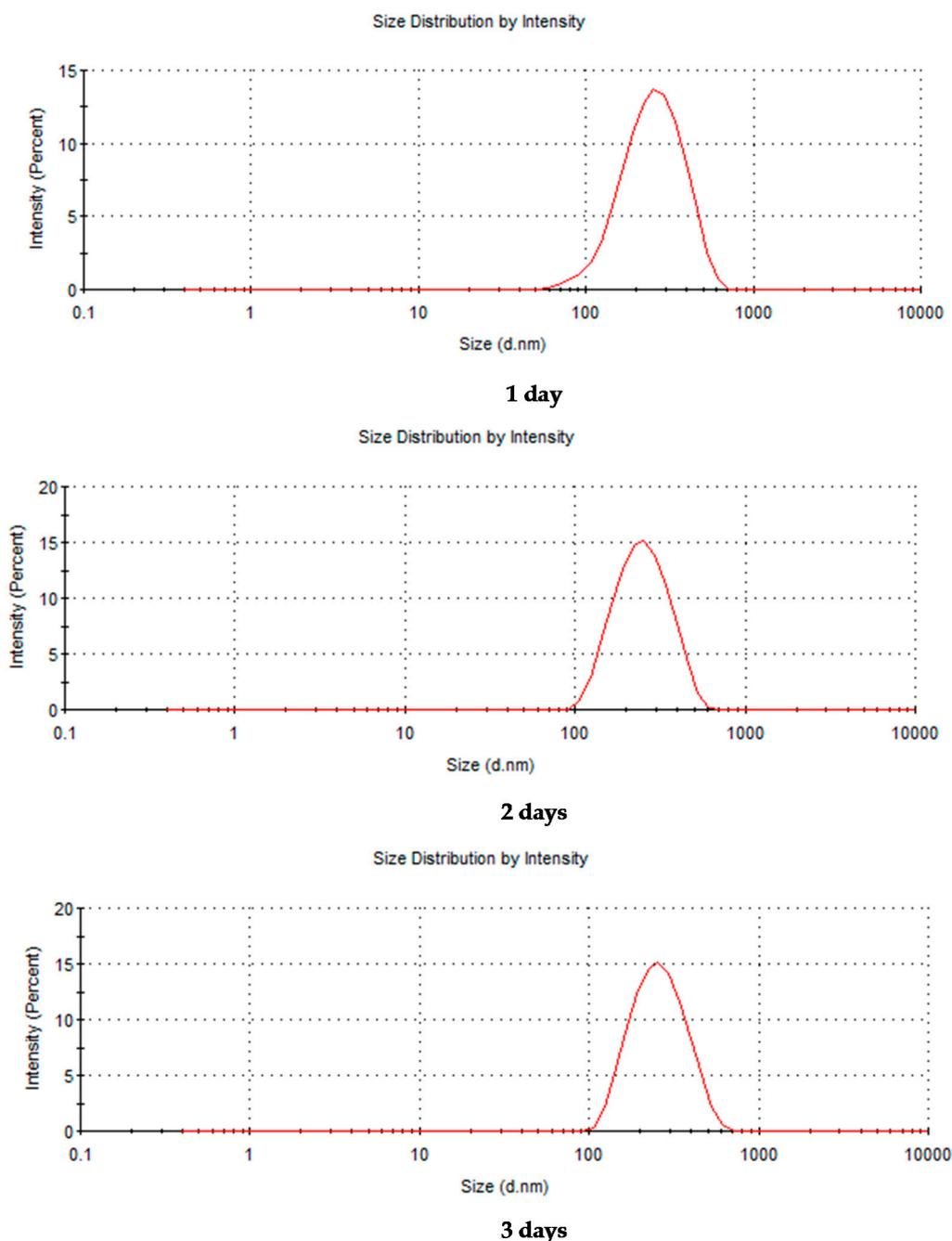


Figure S1. Cont.

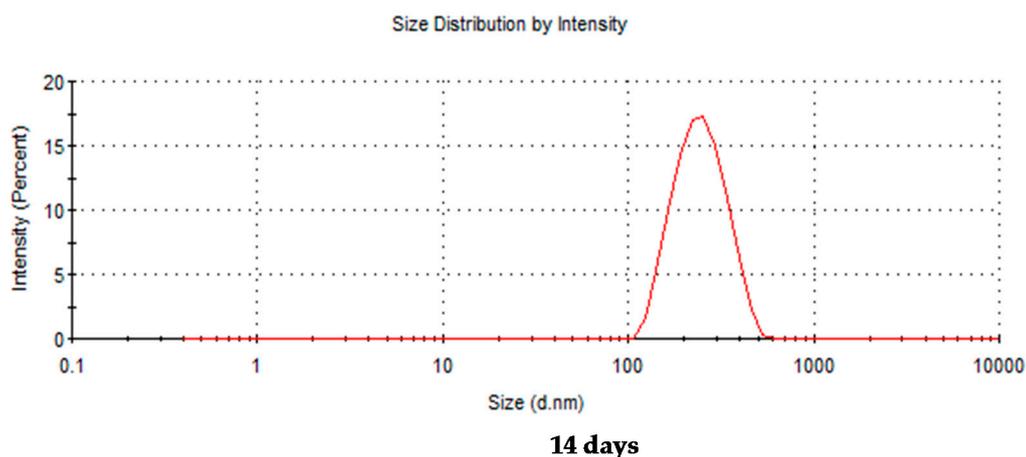


Figure S1. The DLS curves illustrating the particle hydrodynamic diameter distribution during the two weeks.

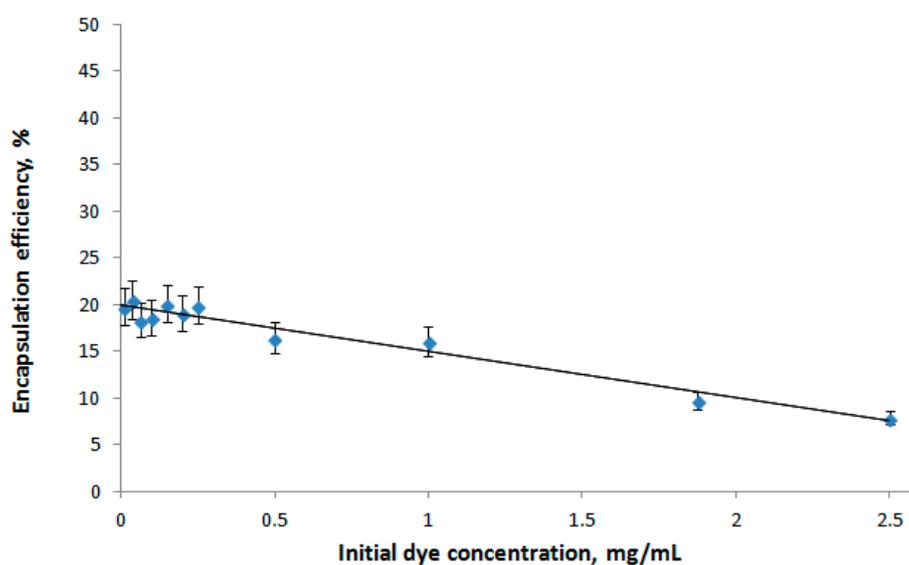


Figure S2. The dependence of encapsulation efficiency of bromophenol blue inside pGlu₆₂-b-pPhe₅₂ based particles on initial dye concentration (pH 9.5).

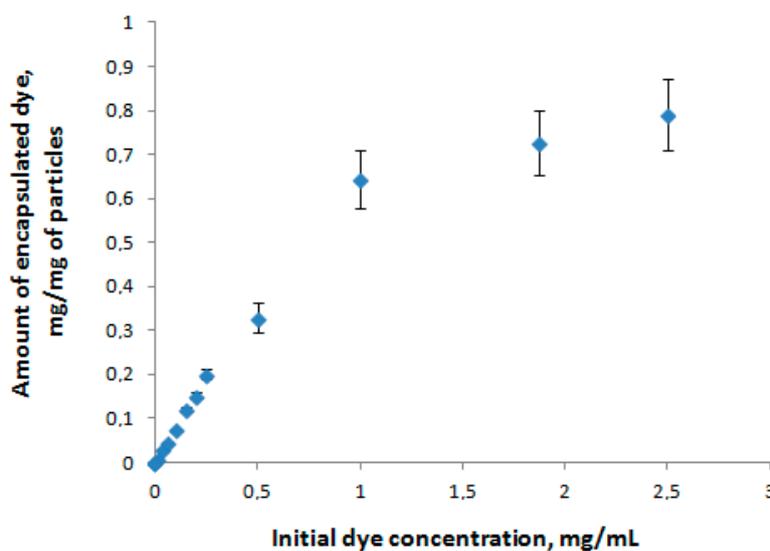


Figure S3. The dependence of bromophenol blue amount encapsulated inside pGlu₆₂-b-pPhe₅₂ based particles on initial dye concentration (pH 9.5).

Table S1. Kinetic parameters of benzoyl-L-tyrosine ethyl ester (BTEE) hydrolysis catalyzed by α -chymotrypsin (free and bound to the pGlu₁₁₇-b-pPhe₈₁ particles).

Biocatalyst Form	Activity, $\mu\text{mol}\cdot\text{min}^{-1}\cdot\text{mg}^{-1}$	K_M , mM
Free α -chymotrypsin	11.6	3.5
Immobilized α -chymotrypsin	19.6	9.5

The determination of enzyme activity was carried out as described in [40].



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