Supplementary data

Chitosan nanoplatform for the co-delivery of palbociclib and ultra-small magnesium nanoclusters: dual receptor targeting, therapy and imaging

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Fig. S1. (A) Hemocompatibility study; I) DI water, II) Saline, III) PB, IV) PB-UMN-CS-NPs, V) PB-UMN-CS-FA-NPs, VI) PB-UMN-CS-ES-NPs and PB-UMN-CS-FA-ES-NPs, (B) Hemolysis study; DI water, II) Saline, III) PB, IV) PB-UMN-CS-NPs, V) PB-UMN-CS-FA-NPs, VI) PB-UMN-CS-ES-NPs and PB-UMN-CS-FA-ES-NPs.
**Fig. S2.** *In vitro* physiological stability of the NPs in plasma and serum.
Fig. S3. A) Histopathological H & E staining of normal, saline treated, PB, PB-UMN-CS-NPs, PB-UMN-CS-FA-NPs, PB-UMN-CS-ES-NPs and PB-UMN-CS-FA-ES-NPs treated rat breast tumor samples. B) B&W images of separated nuclei of normal, saline treated, PB, PB-UMN-CS-NPs, PB-UMN-CS-FA-NPs, PB-UMN-CS-ES-NPs and PB-UMN-CS-FA-ES-NPs treated rat breast tumor sample, C) histogram showing the number of separated nuclei from HE B&W images.