Supporting Information

Core-shell chitosan microcapsules for programmed sequential drug release

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Supplementary Figures

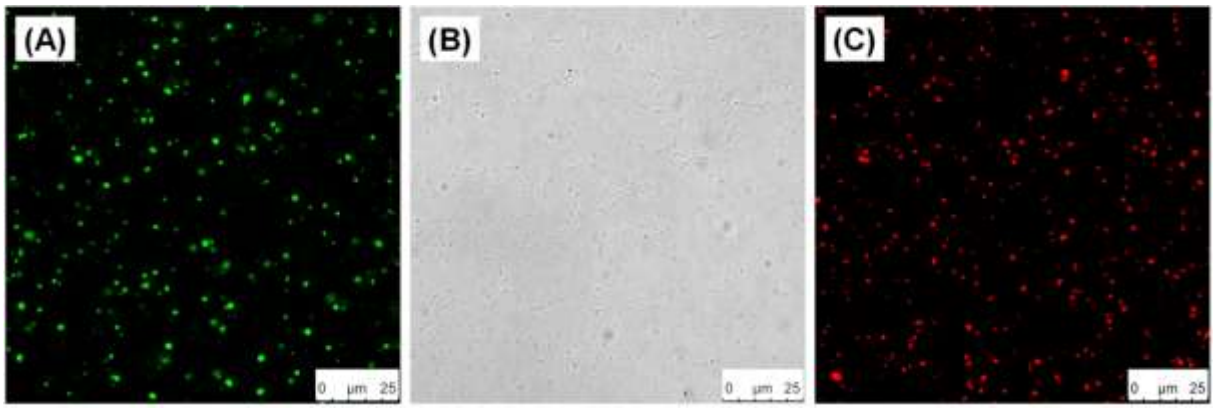

Figure S1. CLSM images of Cur-PLGA-NPs (A), C-PLGA-NPs (B) and RhB-PLGA-NPs (C) in soybean oil.

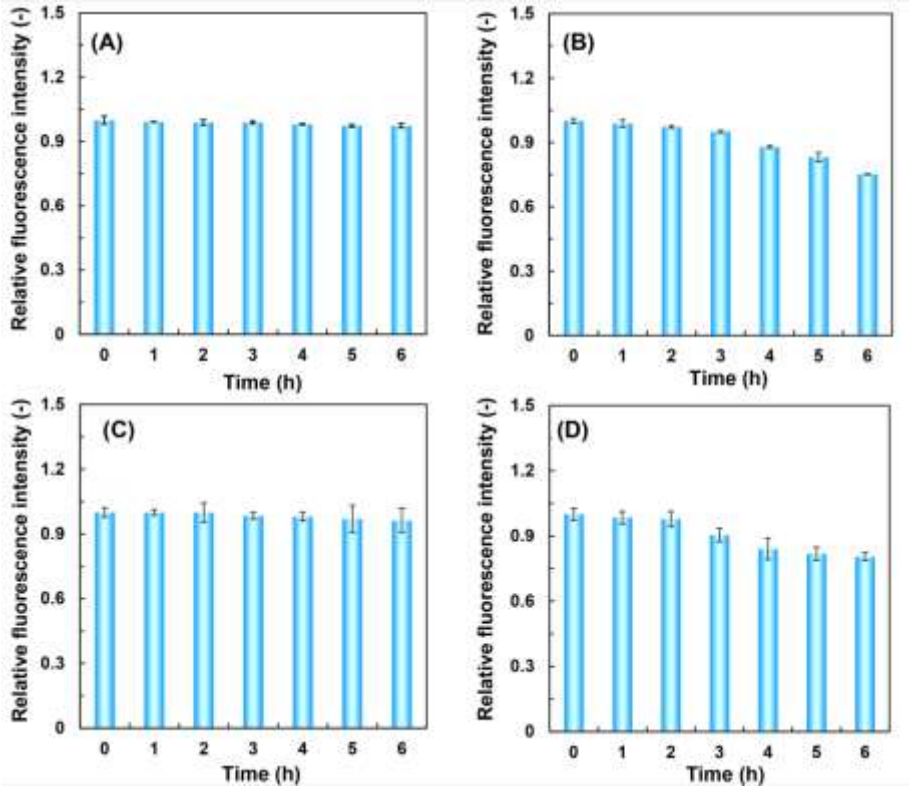

Figure S2. Relative fluorescence intensities of the inner core at hourly intervals. (A) Microcapsules containing only free curcumin, (B) microcapsules containing only free RhB, (C) microcapsules containing only Cur-PLGA-NPs, (D) microcapsules containing both free RhB molecules and Cur-PLGA-NPs.

Supplementary Movies

Movie S1. The acid-triggered burst-release process of chitosan core-shell microcapsules containing both free curcumin and Cur-PLGA-NPs.

Movie S2. The acid-triggered burst-release process of chitosan core-shell microcapsules containing both free RhB and RhB-PLGA-NPs.