

Supporting Information

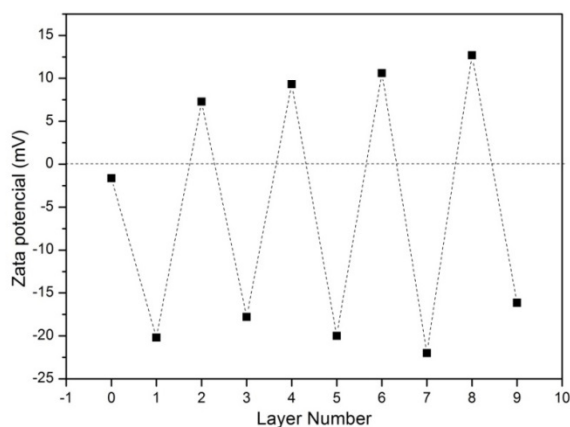


Figure S1 Zeta potential vs. layer number for the LBL self-assembly of PSS, PAH and silica coating. The layer numbers 1, 3, 5 and 7 correspond to PSS assembly and 2, 4, 6 and 8 correspond to PAH assembly. Layer number 9 corresponds to silica coating. Layer number 0 corresponds to CaCO_3 cores.

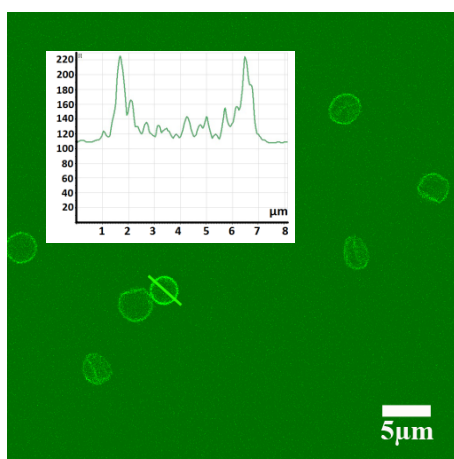


Figure S2 CLSM images of $(\text{PSS}/\text{PAH})_3\text{PSS}$ capsules incubated in FITC solution. The line scan inset showed relative fluorescent intensity in the corresponding capsules.

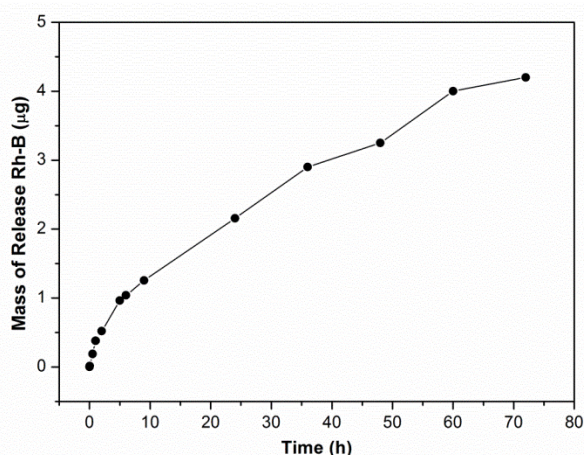


Figure S3 Mass of released Rh-B from silica/PE composite capsules without ultrasound treatment.