Electronic Supplementary Information for:

A facile strategy to fabricate covalently linked raspberry-like nanocomposites with pH and thermo tunable structures

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Scheme S1. Schematic illustration of synthesis of BTPT
Figure S1. $^1$HNMR spectrum of BTPT
Figure S2. FTIR spectrum of BTPT
Scheme S2. Schematic illustration of synthesis of Tsi-PDMAEMA-PSt
Figure S3. Zeta potential of silica particles in water at different pH values
Figure S4. Typical SEM and TEM images of silica@polymer composite particles after ultrasonication treatment.
Figure S5. Photographs of the thermo-triggered aggregation-disaggregation transitions of silica@polymer particles at pH 7.4. Thermoresponsiveness of silica@polymer particles are due to the reversible hydrophilic-hydrophobic transitions of PDMAEMA chains triggered by temperature.
Figure S6. Typical SEM image of silica@polymer particles collected at 48 °C