Supporting information

Fabrication of polymer-modified monodisperse mesoporous carbon particles by template-based approach for drug delivery applications

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Electronic Supplementary Material (ESI) for RSC Advances

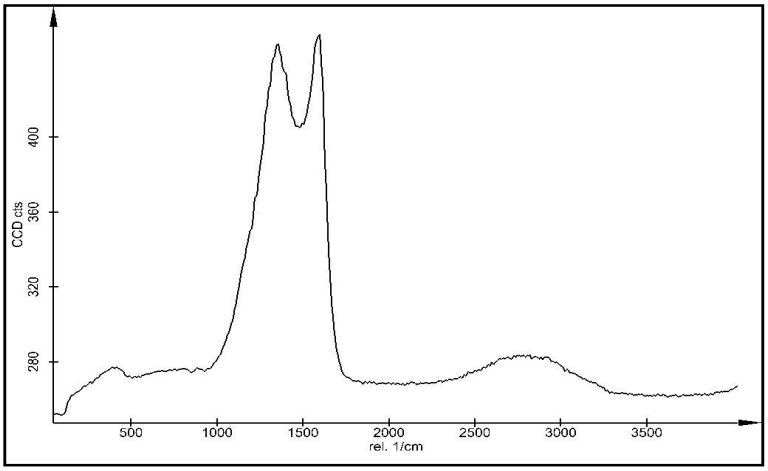

Figure S1 Raman spectra of bare carbon particles

Electronic Supplementary Material (ESI) for RSC Advances

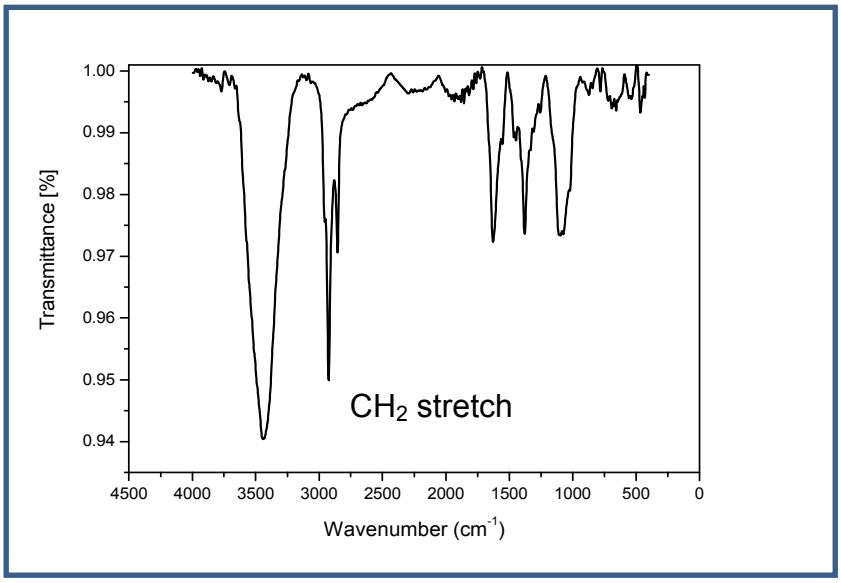

Figure S2 FTIR spectrum of the pyrolyzed carbon particles

Electronic Supplementary Material (ESI) for RSC Advances

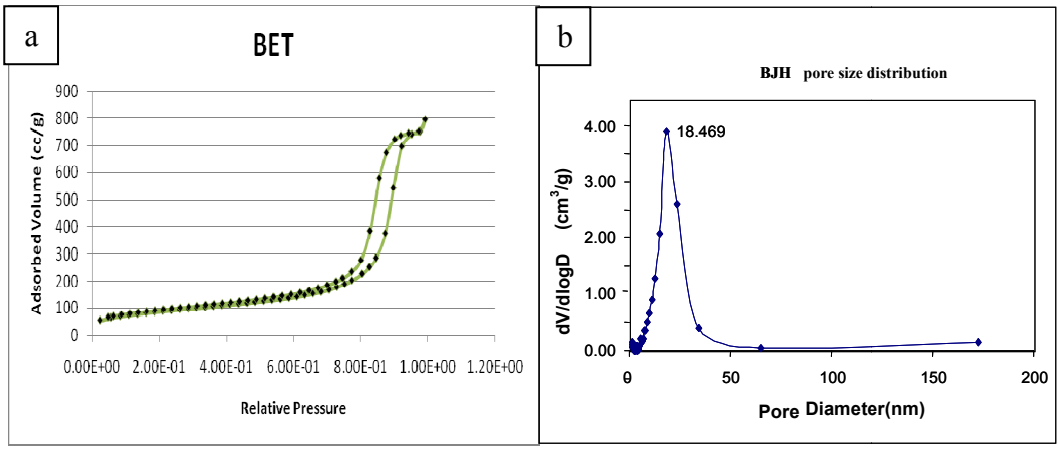

Figure S3a.BET Nitrogen adsorption and desorption isotherm. b. BJH pore size distribution

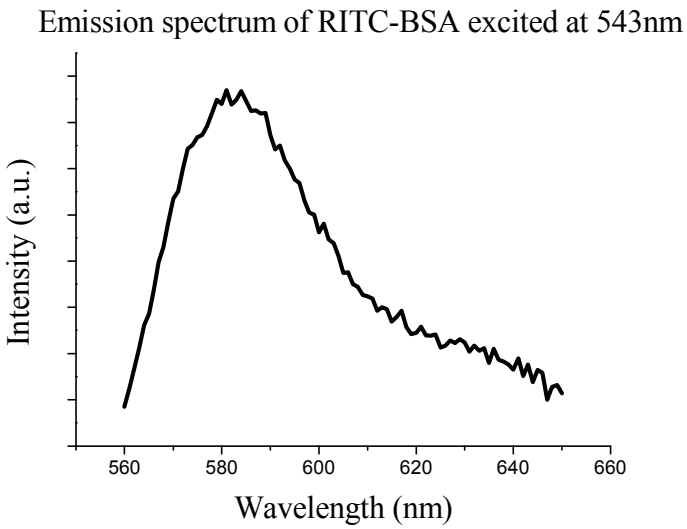

Figure S4. Emission spectrum of RITC-BSA (25 µg/ml in PBS) excited at 543 nm.

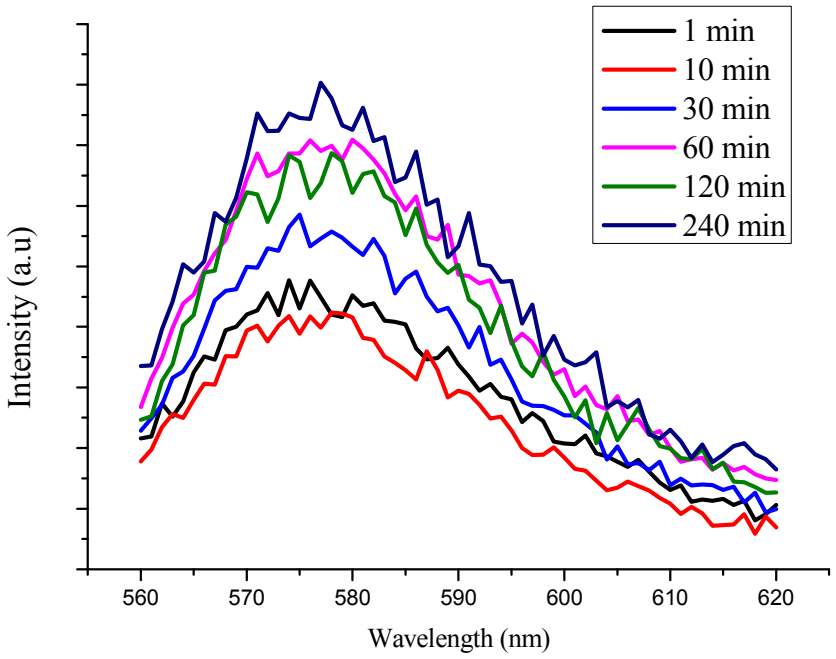

Figure S5a Emission spectra of supernatant RITC BSA extracted at different times from polymer coated carbon (C+LbL) particles in PBS +5M NaCl solution. Excitation wavelength was 543nm.

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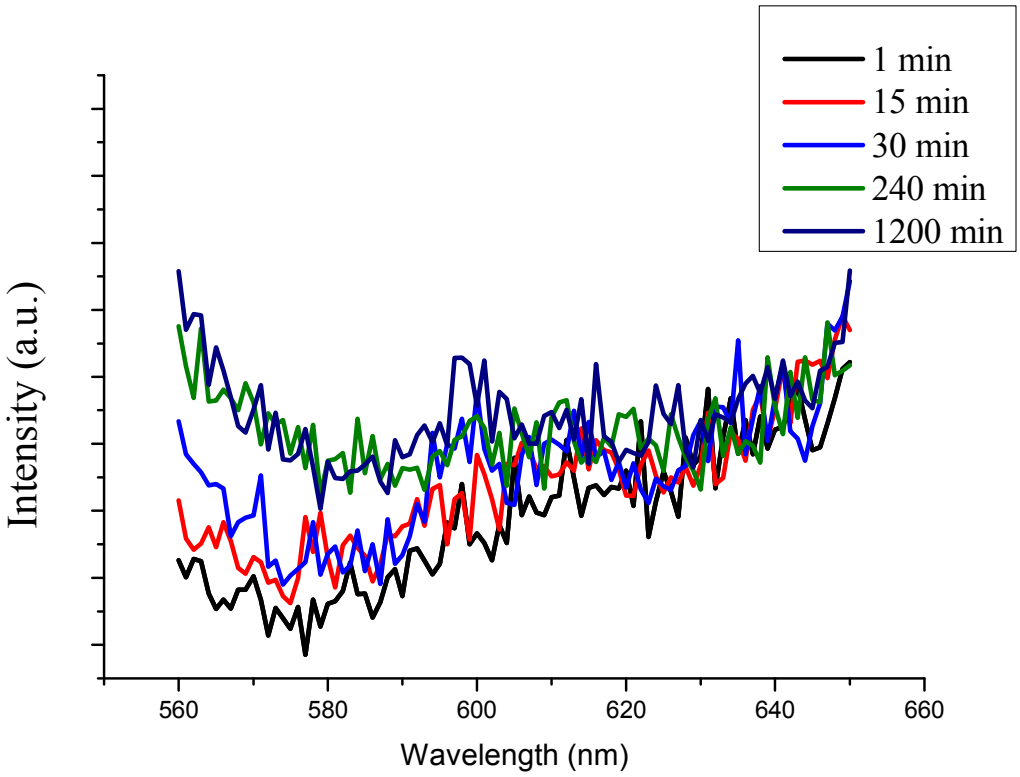

Figure S5b Emission spectra of supernatant RITC BSA extracted at different times from polymer coated carbon (C+LbL) particles in PBS solution. Excitation wavelength was 543nm.