



Supporting Information

for

Photoinduced post-modification of graphitic carbon nitride-embedded hydrogels: synthesis of 'hydrophobic hydrogels' and pore substructuring

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Beilstein J. Org. Chem. **2021**, *17*, 1323–1334. [doi:10.3762/bjoc.17.92](https://doi.org/10.3762/bjoc.17.92)

Four supporting figures

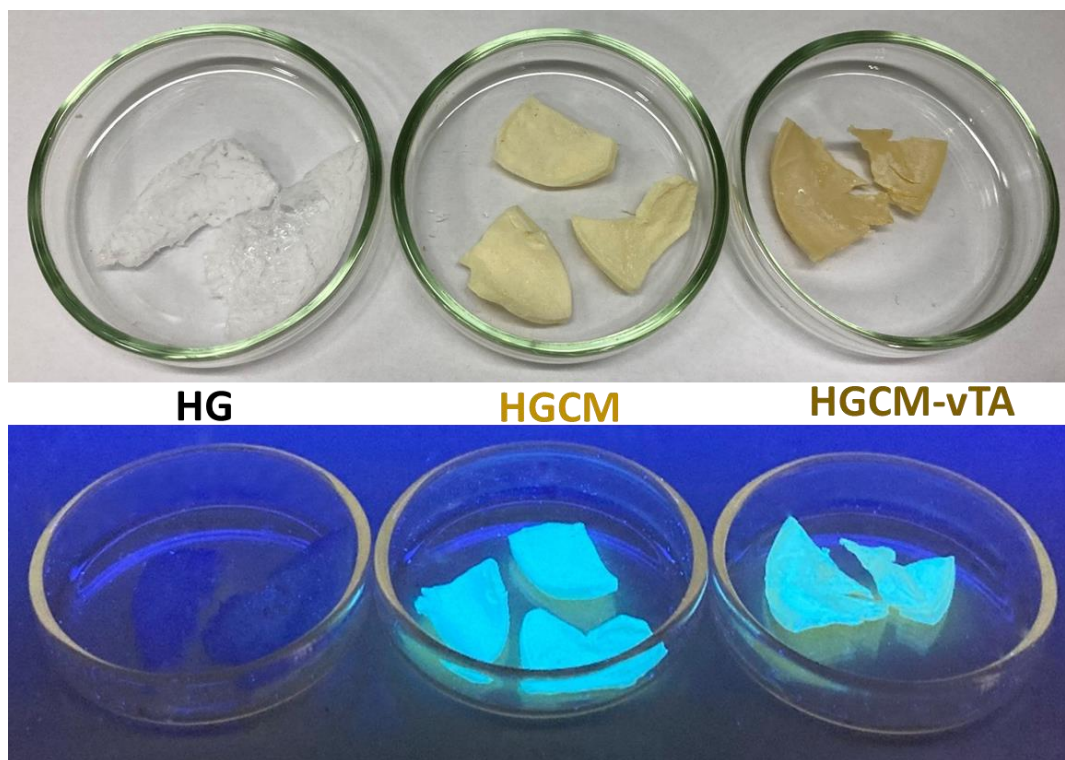


Figure S1: Digital images of HG, HGCM and HGCM-vTA under daylight and UV light illumination.

HGC-vTA

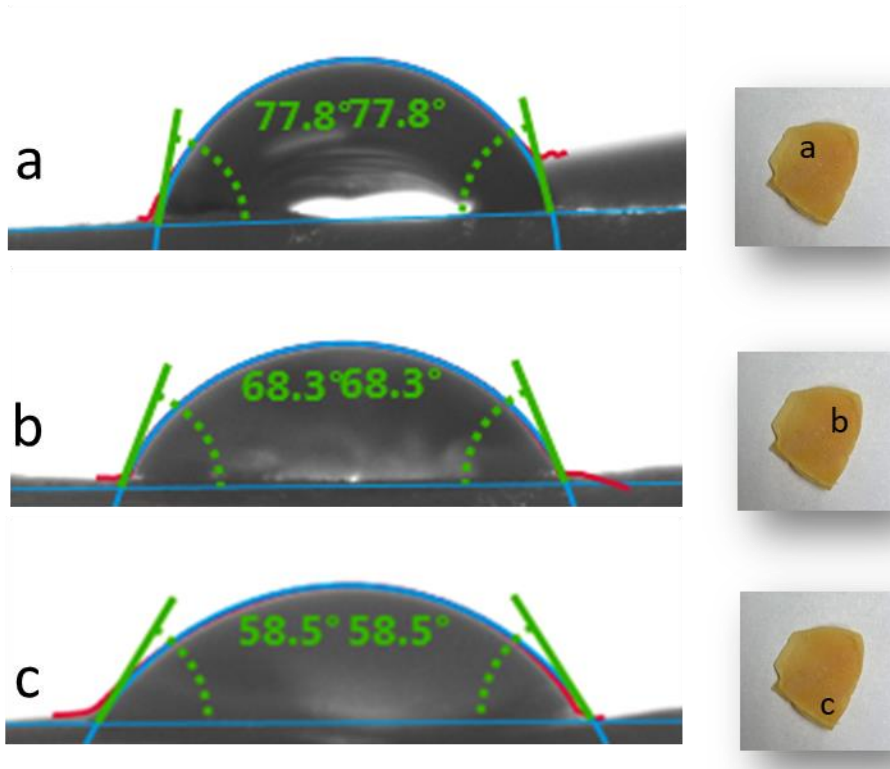


Figure S2: Water contact angle results of HGCM-vTA on multiple contact points (obtained after 15 seconds of equilibrium).

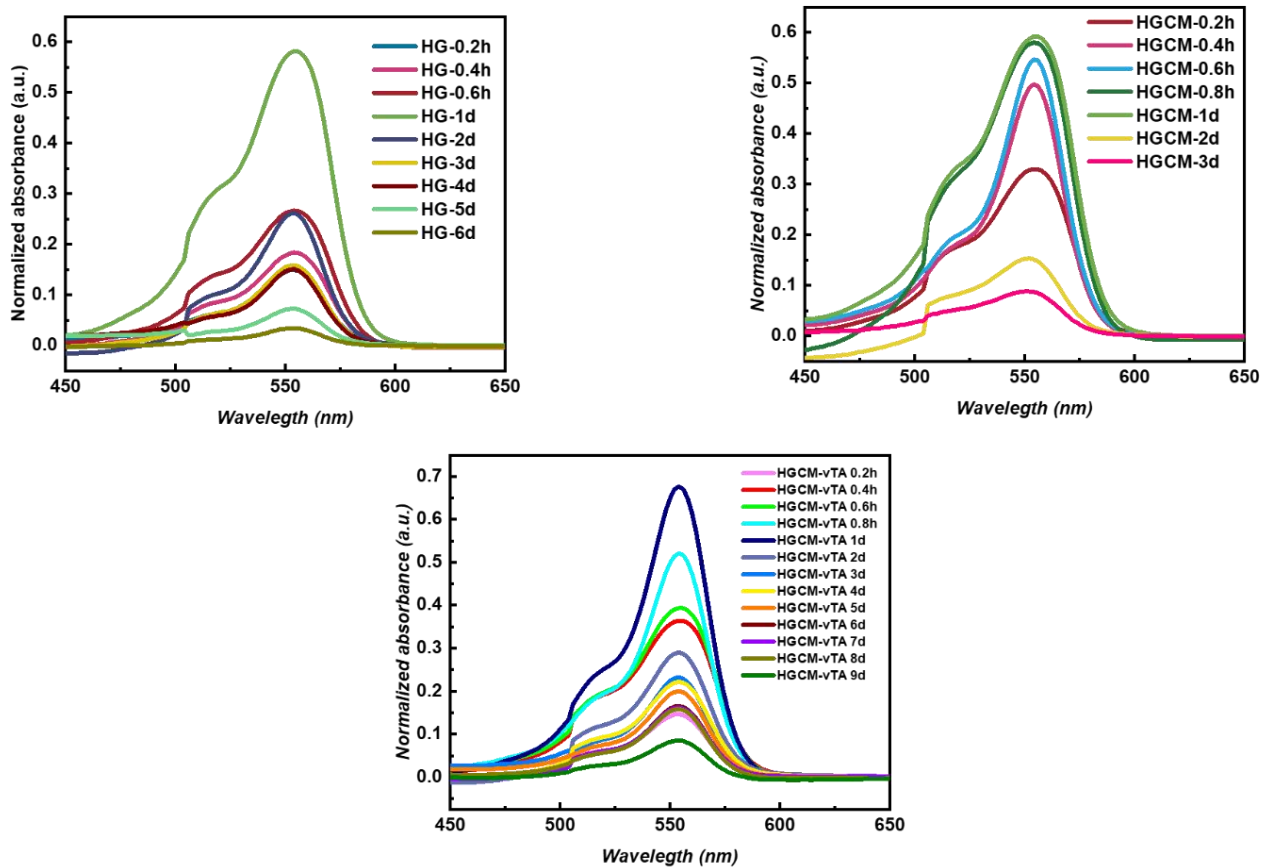


Figure S3: RhB dye releasing progress of HG, HGCM and HGCM-vTA at specified time intervals followed by UV-vis spectroscopy.

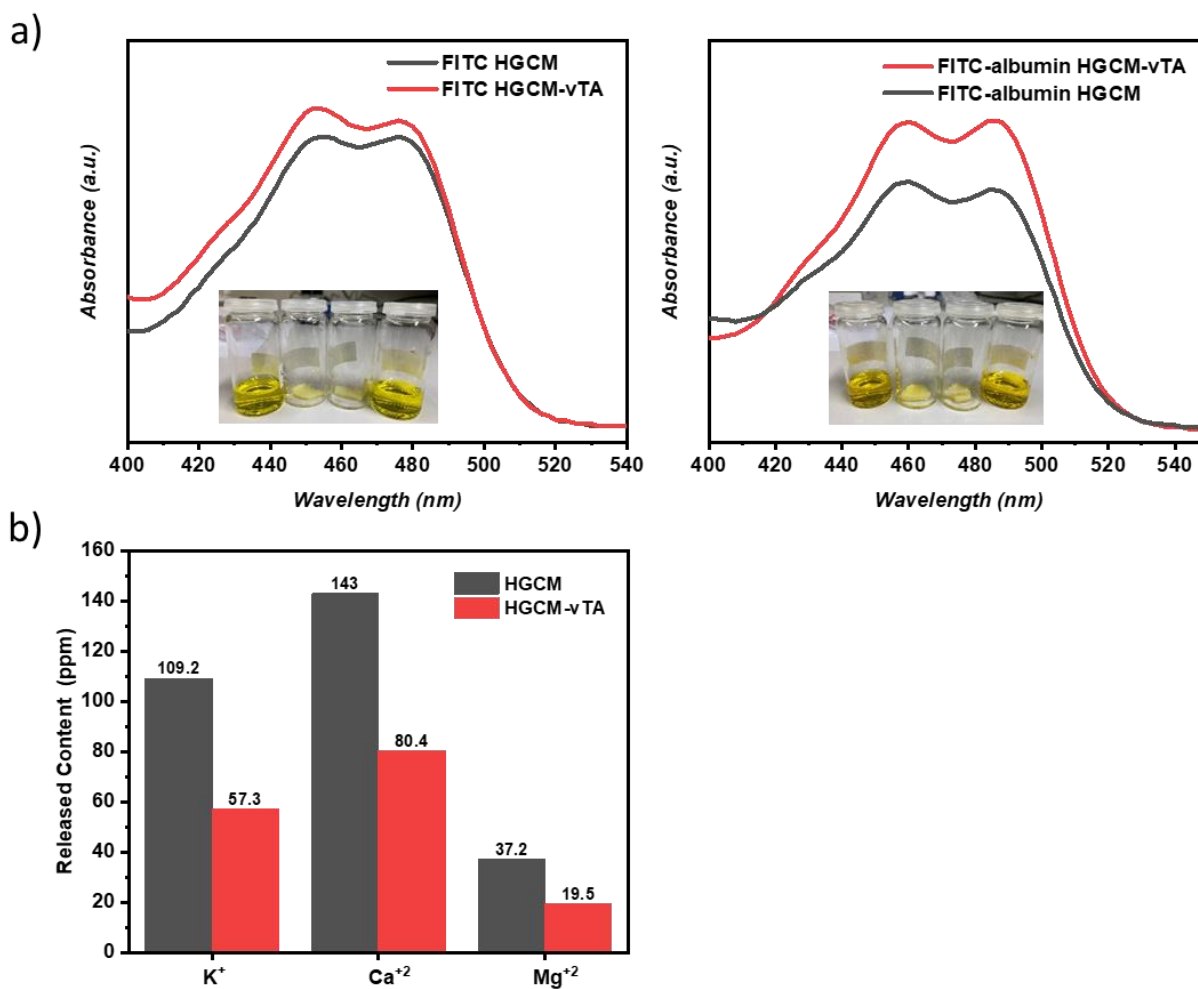


Figure S4: a) FITC-dextran and FITC-albumin releasing progress (after 24 hours) of HGCM and HGCM-vTA monitored by UV-vis spectroscopy. b) Inductively coupled plasma optical emission spectroscopy (ICP-OES) results of released K⁺, Ca²⁺ and Mg²⁺ content for HGCM and HGCM-vTA.