Supporting Information for

Biocompatible surface modification of nanoscale zeolitic imidazolate frameworks for enhanced drug delivery

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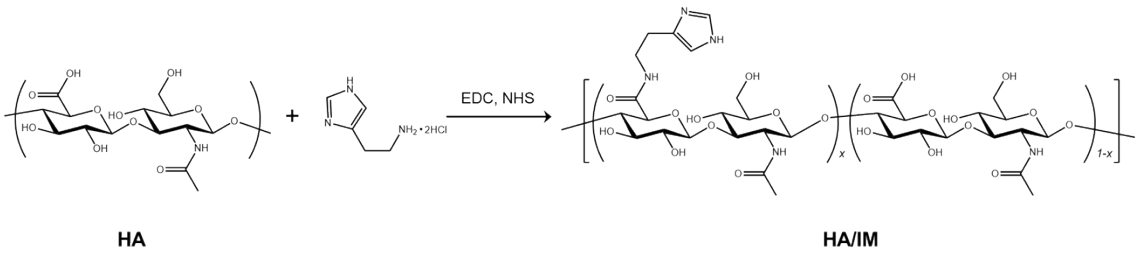
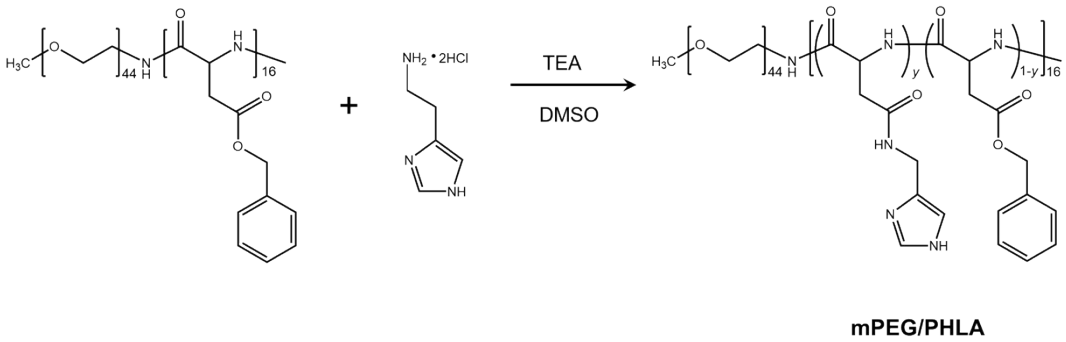


Scheme S1. Synthesis route for HA/IM.



Scheme S2. Synthesis route for mPEG-PAsp/IM.

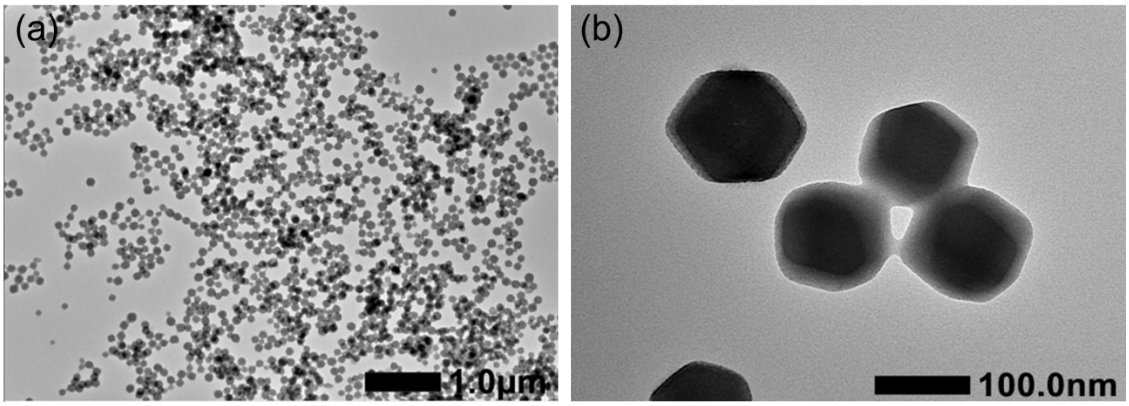


Fig. S1 TEM images of CCM@ZIF-8 that prepared from methanol solution.

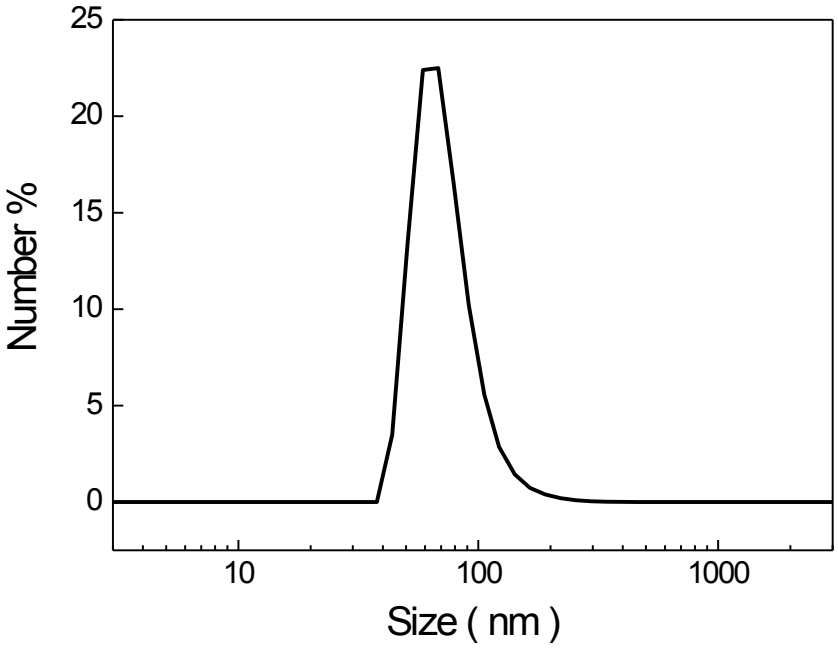


Fig. S2 Hydrodynamic size distribution of CCM@ZIF-8.

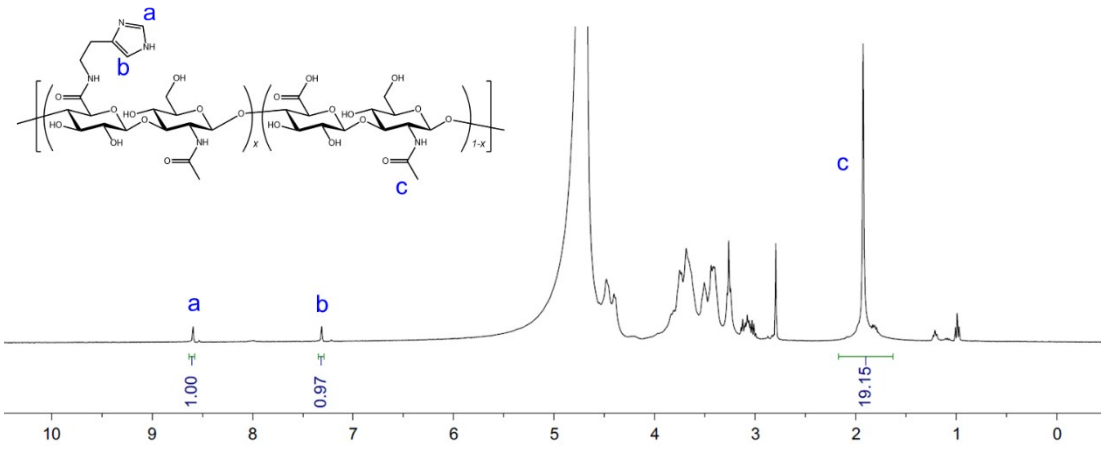


Fig. S3 ^{1}H-NMR spectrum of HA/IM in D_2O. The grafting ratio of IM is determined to be around 16 %.

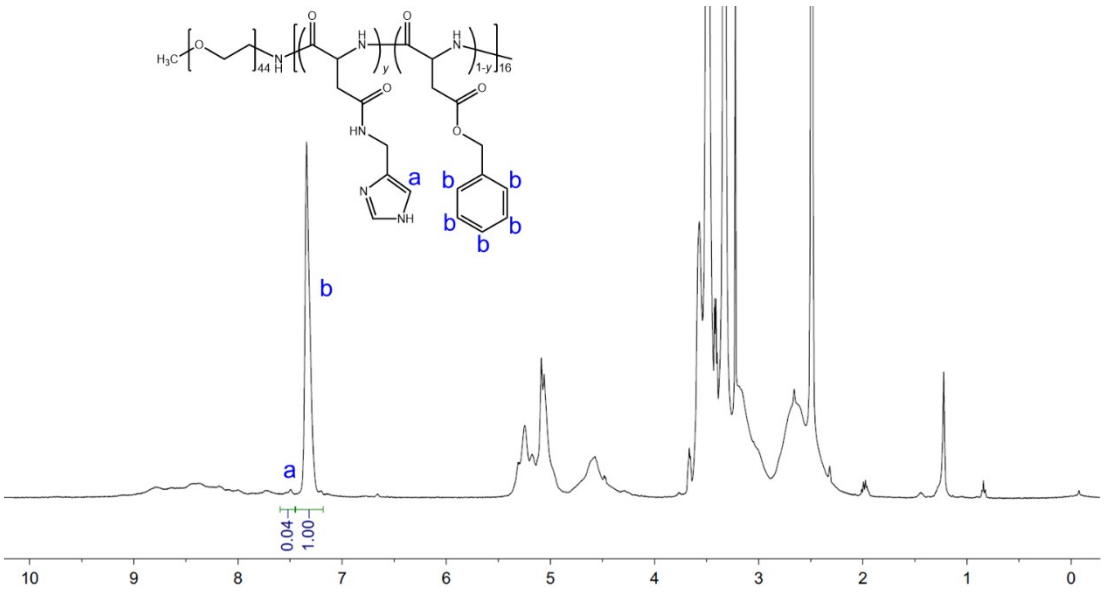


Fig. S4 ^{1}H-NMR spectrum of mPEG-PAsp/IM in D_2O. The grafting ratio of IM is estimated to be around 17 %.

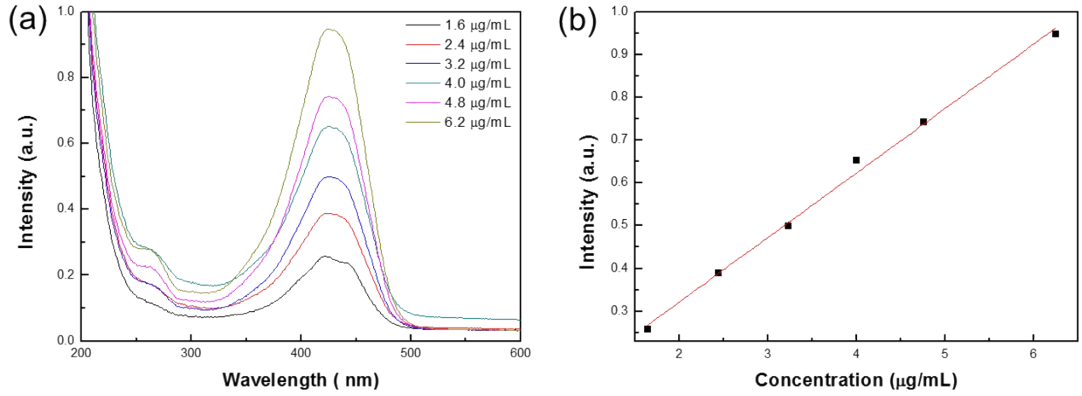


Fig. S5 UV-vis absorption spectra of CCM at various concentrations (a) and the obtained standard curve for evaluating the amounts of CCM (b).

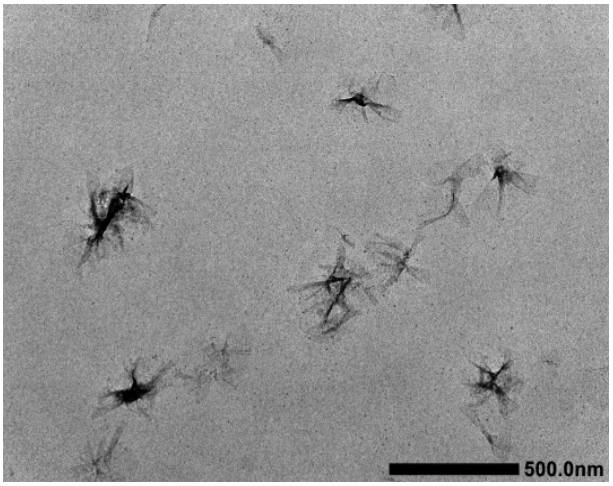


Fig. S6 TEM image of HA prepared from PBS solution.

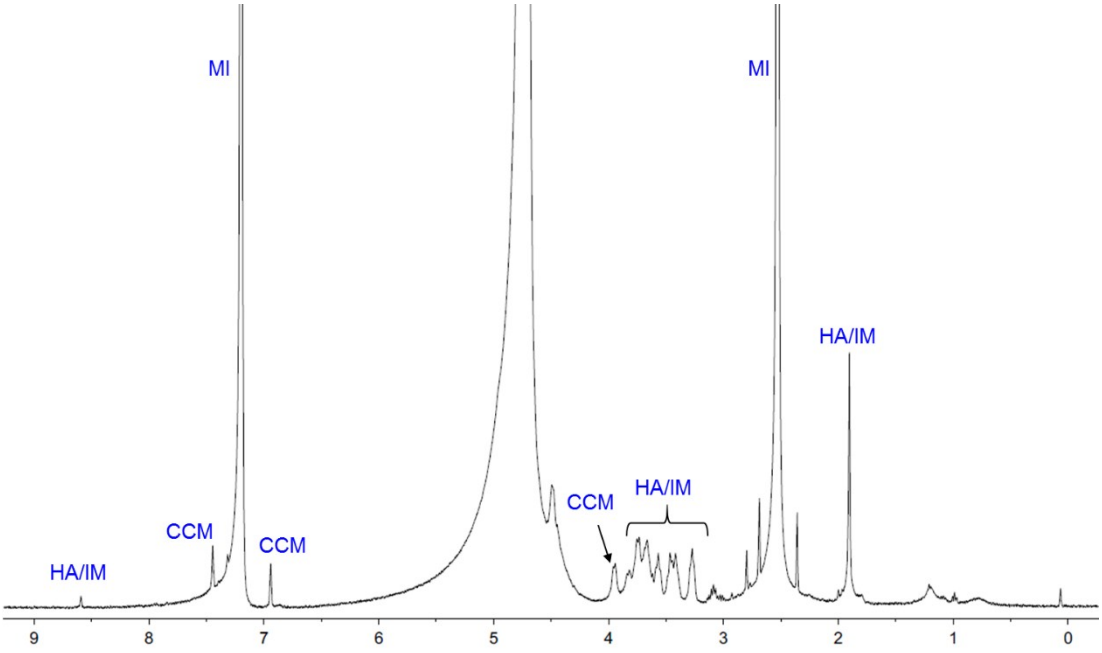


Fig. S7 ^{1}H-NMR spectrum of CCM@ZIF-8/HA digested in D_2O with small amount of HCl.