

Figure S1

Gold nanoparticles adsorbed in a random pattern on HPI layer. Sample stained with 2% uranyl acetate where adsorption to both vertex and central pore regions can be seen (some regions enclosed by dotted line rectangles

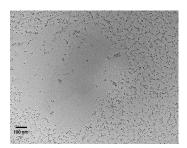


Figure S2

Control experiment where polycationized ferritin (PCF) was adsorbed to HPI layers. The outline of a HPI sheet can be seen and in effect no PCF adsorb onto the HPI layers

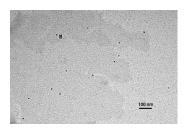


Figure S3

Control experiment where hydrophilic $HS(CH_2)_{11}OH$ -derivatized gold nanoparticles were adsorbed to HPI layers. The outline of a HPI sheet can be observed, and as seen, no specific adsorption of gold nanoparticles occurs.