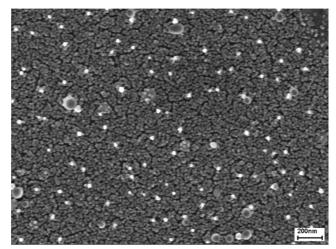
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**Fig S1.** FESEM image of a hybrid film prepared from HAuCl<sub>4</sub> loaded block copolymer solution/ titania sol-gel precursor after removing the copolymer matrix. It is clearly seen that Au particles (lighter parts) form on the surface of titania.