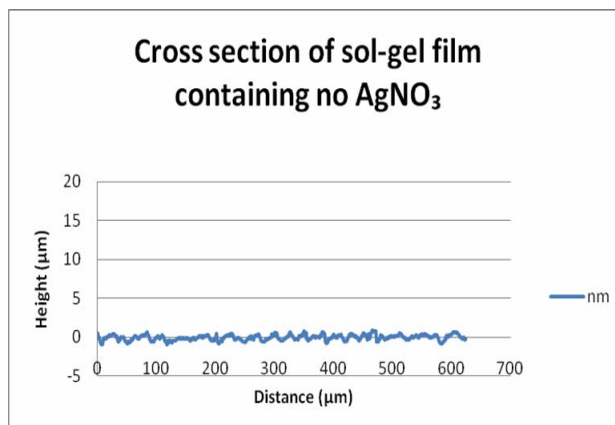
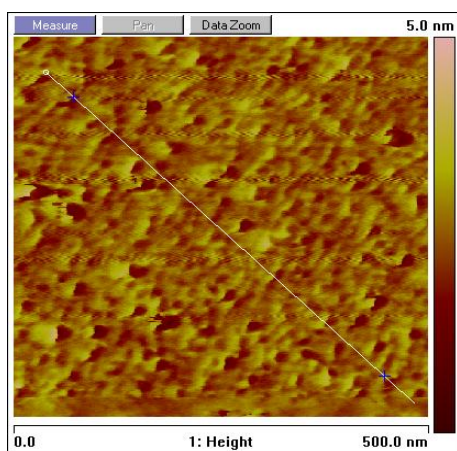
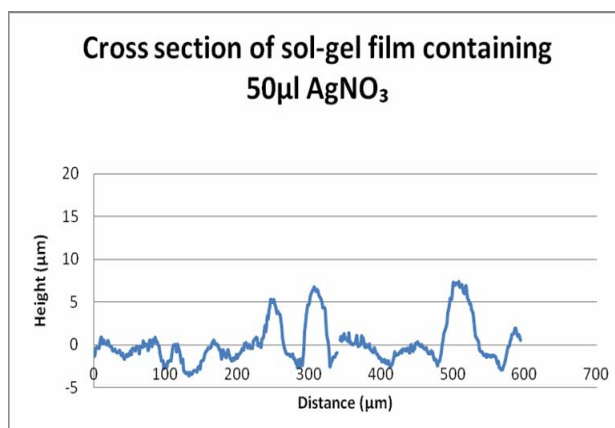
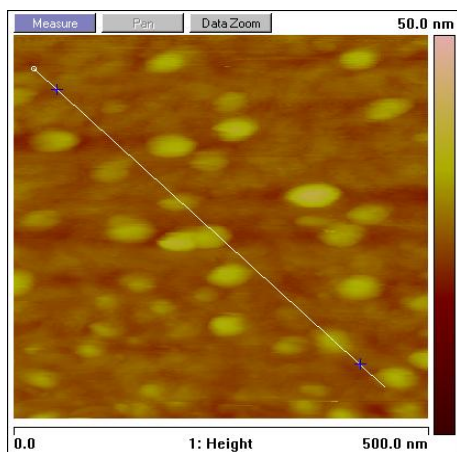


Supporting information

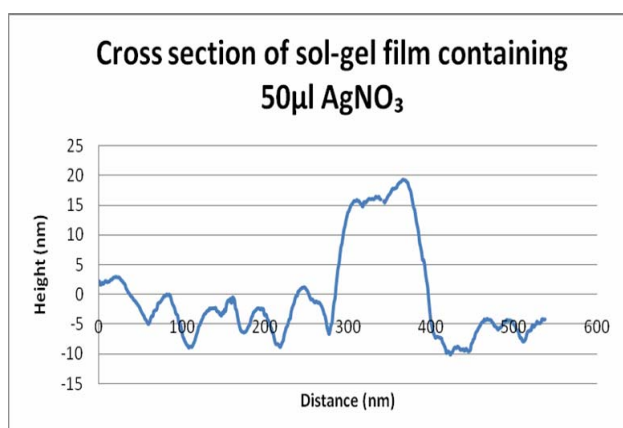
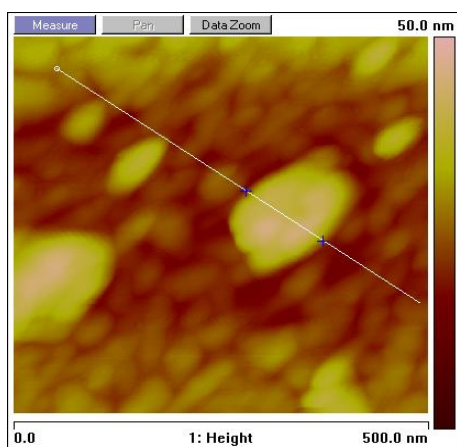
(a)



(b)



(c)



2-D AFM images and sections of sol-gel derived silica films. (a) without silver nitrate, (b) with silver nitrate no photoactivation, (c) with silver nitrate and photoactivation.