## Silver nanoparticle modified surfaces induce differentiation of Mouse Kidney-Derived Stem Cells

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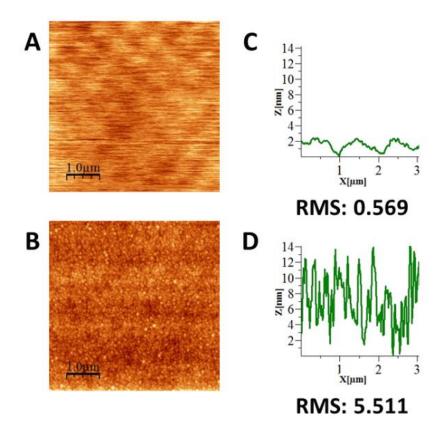
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## **SUPPORTING INFORMATION**



**Figure SI 1** – 2D AFM images of pPOX coated glass coverslips without (A) and with (B) immobilized AgNPs@MSA. RMS roughness of pPOX film before (C) and after (D) silver nanoparticles immobilization

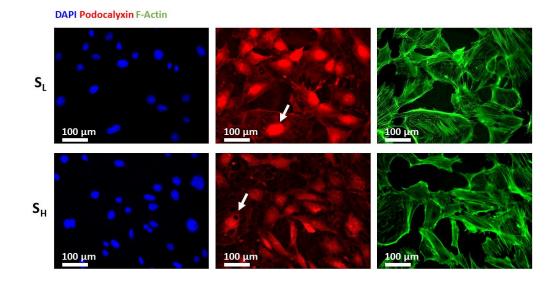


Figure SI 2 – Mouse kidney stem cells (mKSCs) cultured on silver nanoparticles containing substrates (S<sub>L</sub> and S<sub>H</sub>) for 96 h express podocyte specific marker podocalyxin (red).
Arrowheads indicate presence of podocalyxin expressing binucleate mKSCs. Nuclei were stained with 4',6-diamidino-2-phenylindole dihydrochloride (DAPI) (blue). F-actin were stained with phalloidin (green).