

## Supplementary Information

### Launching deep subwavelength bulk plasmon polaritons through hyperbolic metamaterials for surface imaging with tuneable ultra-short illumination depth

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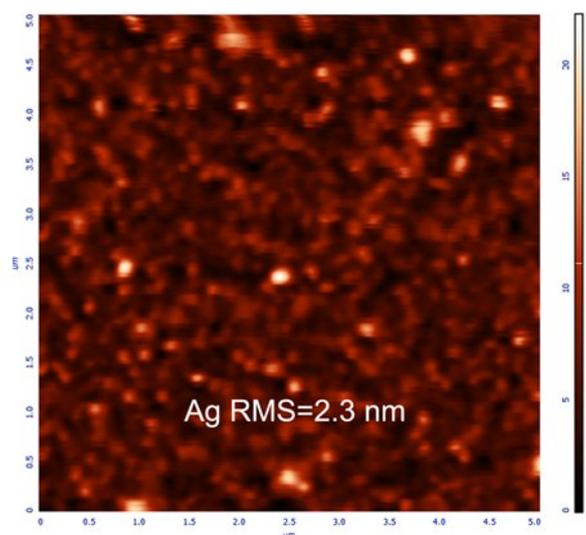


Fig. S1 The AFM measured morphology image of outmost Ag film of multilayer structure (RMS=2.3 nm).

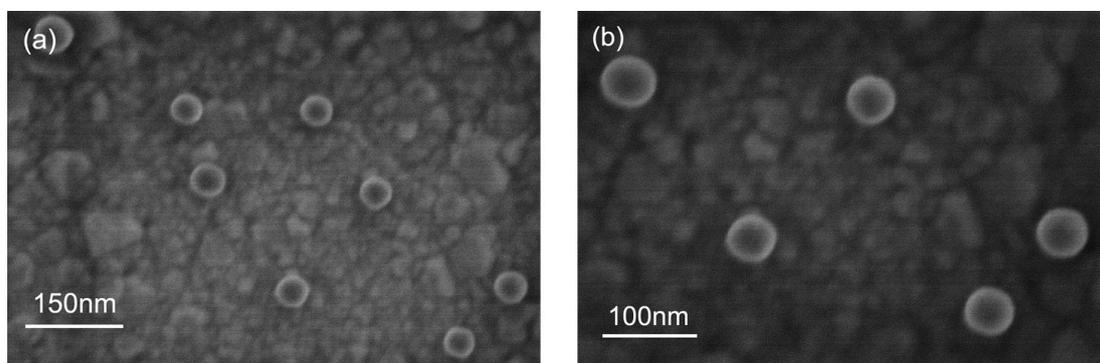


Fig. S2 The SEM images of the fluorescent nanoparticles above the outmost Ag film of multilayer structure with different scales.