

Supporting information

Facile Synthesis of Silver Submicrospheres and Their Applications

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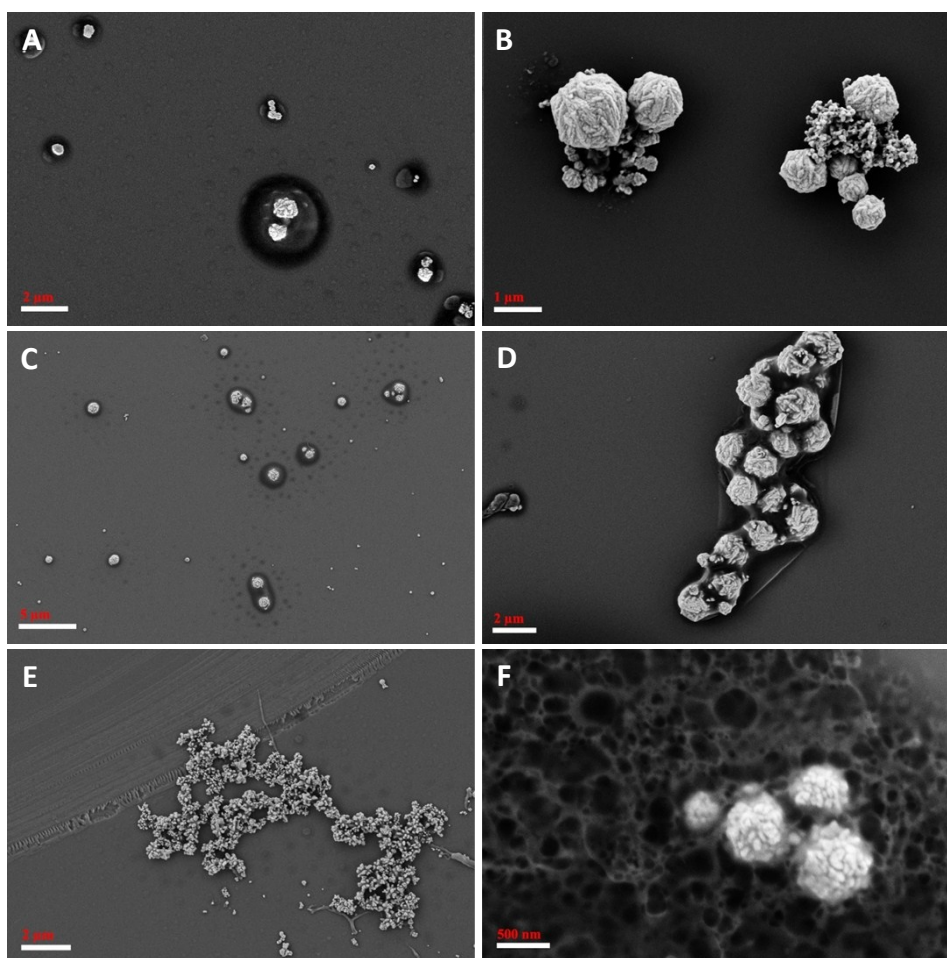


Fig. S1 SEM images of silver particles obtained by mixing ascorbic acid (2.86×10^{-2} M) and AgNO_3 in the absence of Tween 20 corresponding to AgNO_3 concentrations: (A, B) 3.6×10^{-3} M, (C, D) 1.8×10^{-3} M and (E, F) 3.6×10^{-4} M.

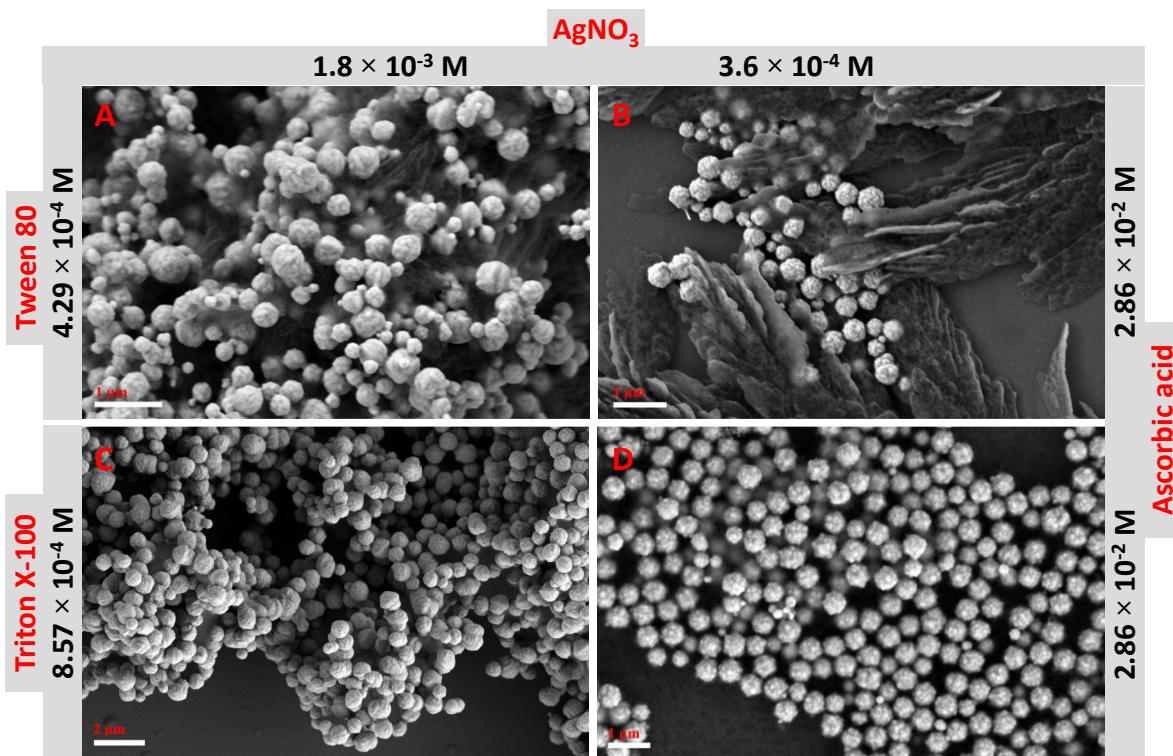


Fig. S2 SEM images of silver particles synthesized through reduction of silver ions by ascorbic acid in the presence of Tween 80 and Triton X-100.

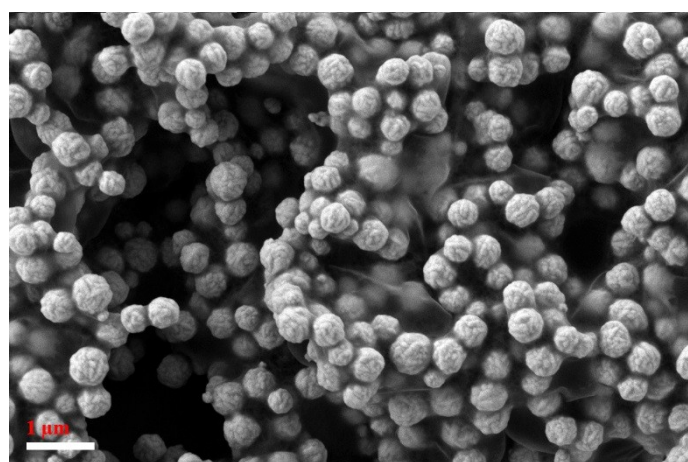


Fig. S3 SEM image of silver particles synthesized through reduction of silver ions ($1.8 \times 10^{-3} \text{ M}$) by ascorbic acid ($2.86 \times 10^{-2} \text{ M}$) in the presence of Tergitol 15-S-7 ($1.81 \times 10^{-3} \text{ M}$).

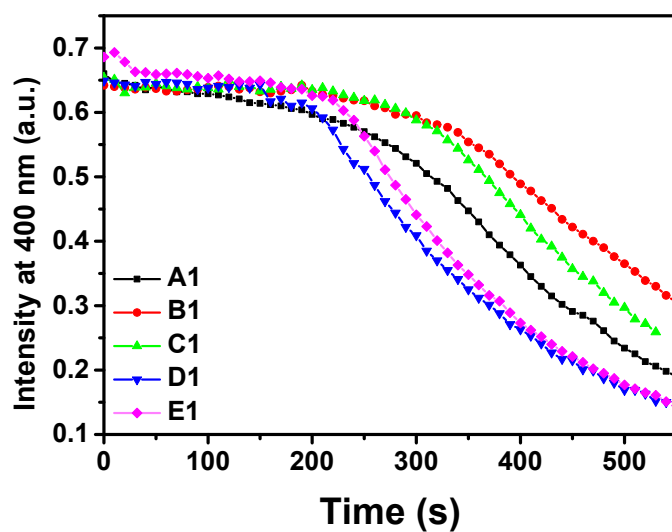


Fig. S4 Intensity of the absorption peak for 4-NP (400 nm) as a function of time in the presence of different silver submicroparticles.