Supporting Information

Field-assisted synthesis of SERS-active silver nanoparticles using conducting polymers†

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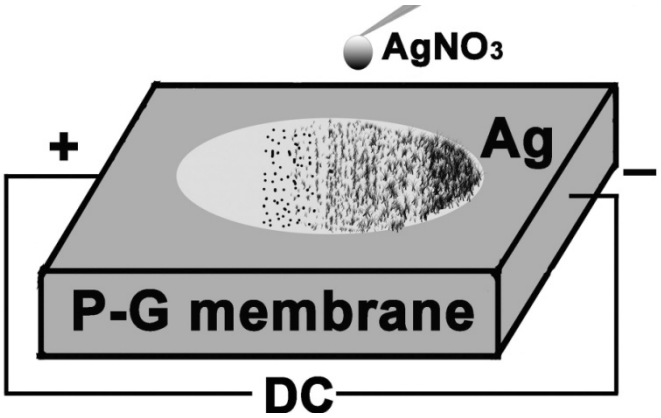

Figure S1 Schematic illustration of preparing Ag gradient on P-G membrane with the assistance of an external electric field.

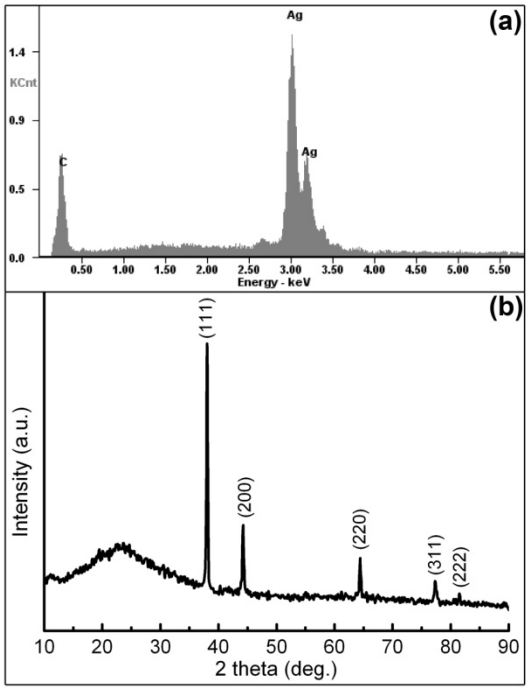

Figure S2 (a) Energy-dispersive X-ray spectrum (EDX) and (b) X-ray diffraction (XRD) pattern of the structures produced on the P-G membrane with an external electric field.

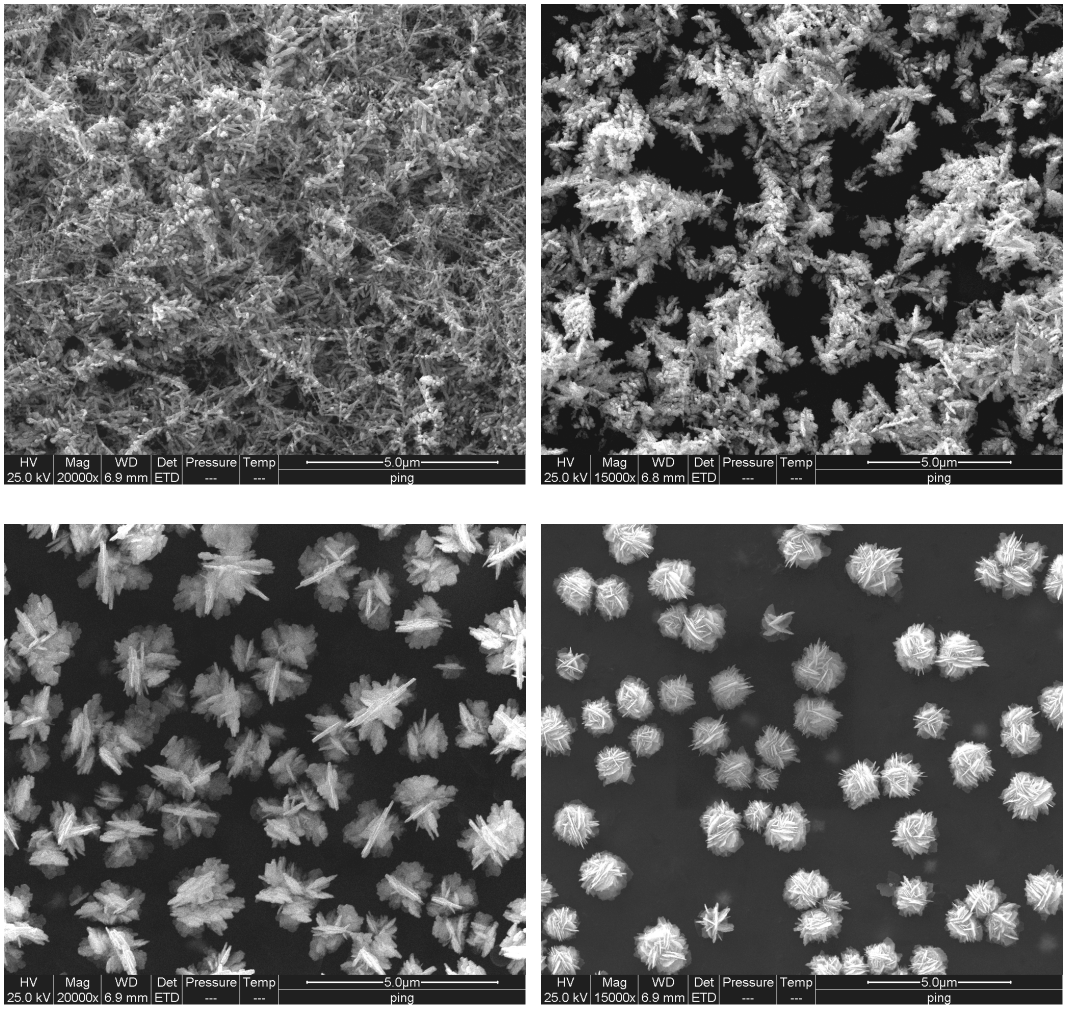

Figure S3 SEM images of Ag structures produced from a drop of 25 mM $AgNO_3$ solution on a P-G membrane (doped by citric acid) under an electric field of 50 V for 1 min.