

Deposition of Silver Nanobowl Arrays using Polystyrene Nanospheres both as Reagents and as the Templating Material

Supporting Information

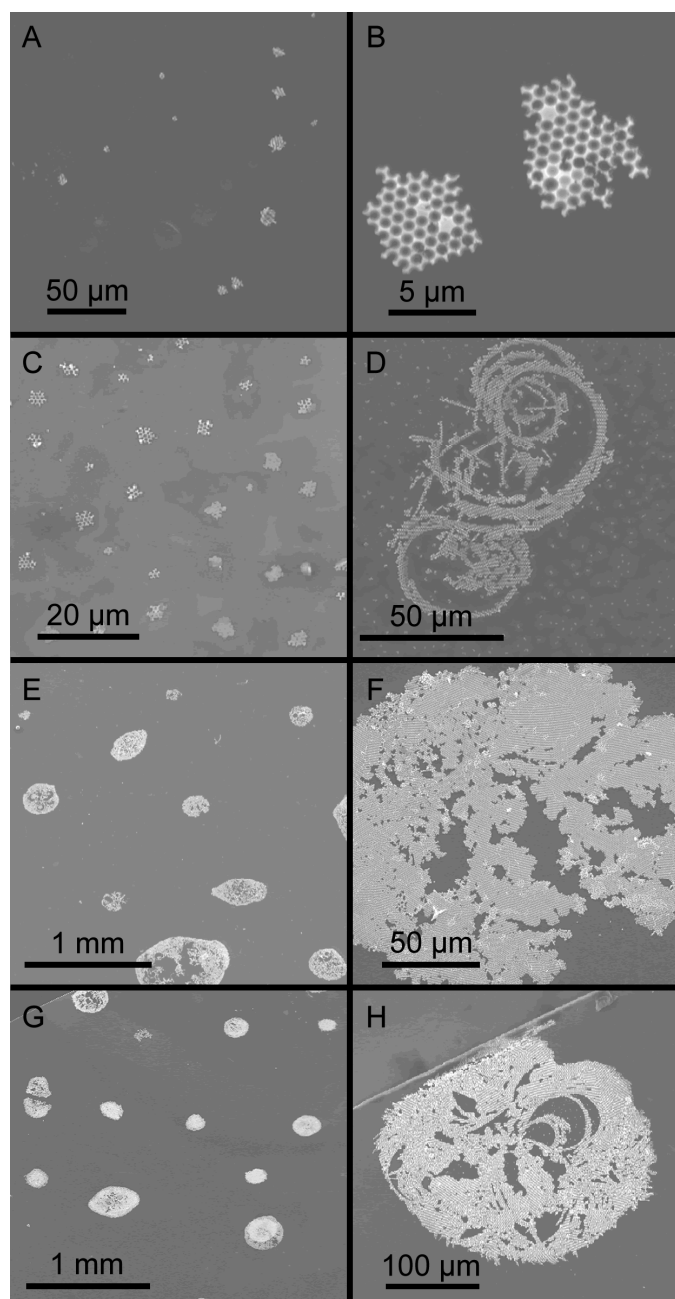


Figure S1. SEM images of the surface of GC surface modified with a template formed from 853 nm PS nanospheres after reaction with 100 mM AgNO_3 in water for (A & B) 1 min, (C & D) 5 min, (E & F) 30 min and (G & H) 60 min. The PS template was removed by sonicating in toluene for 5 min.

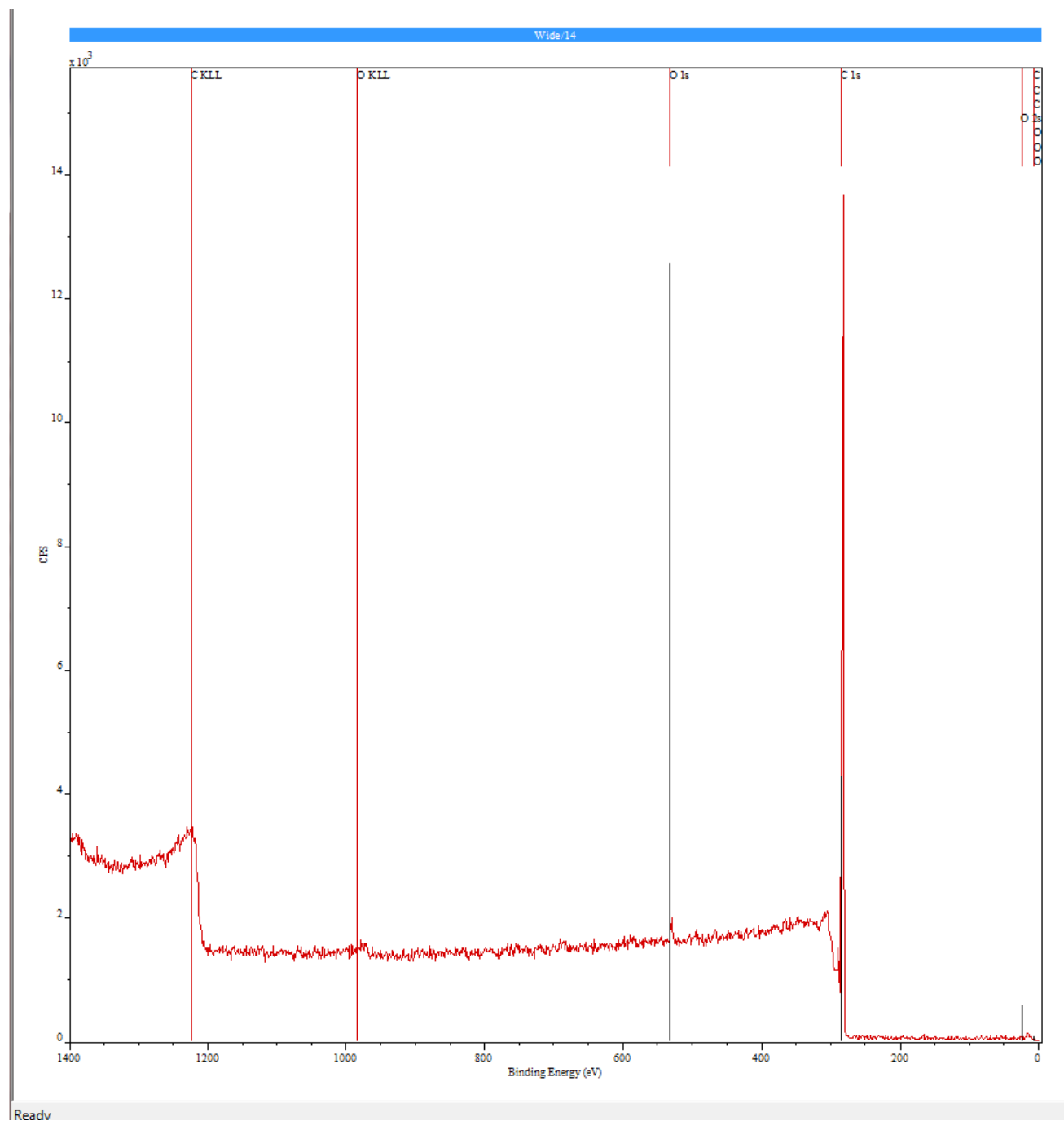


Figure S2. XPS spectrum of a sample of 853 nm PS nanospheres after filtering and washing with water. The sample was oven dried before analysis.

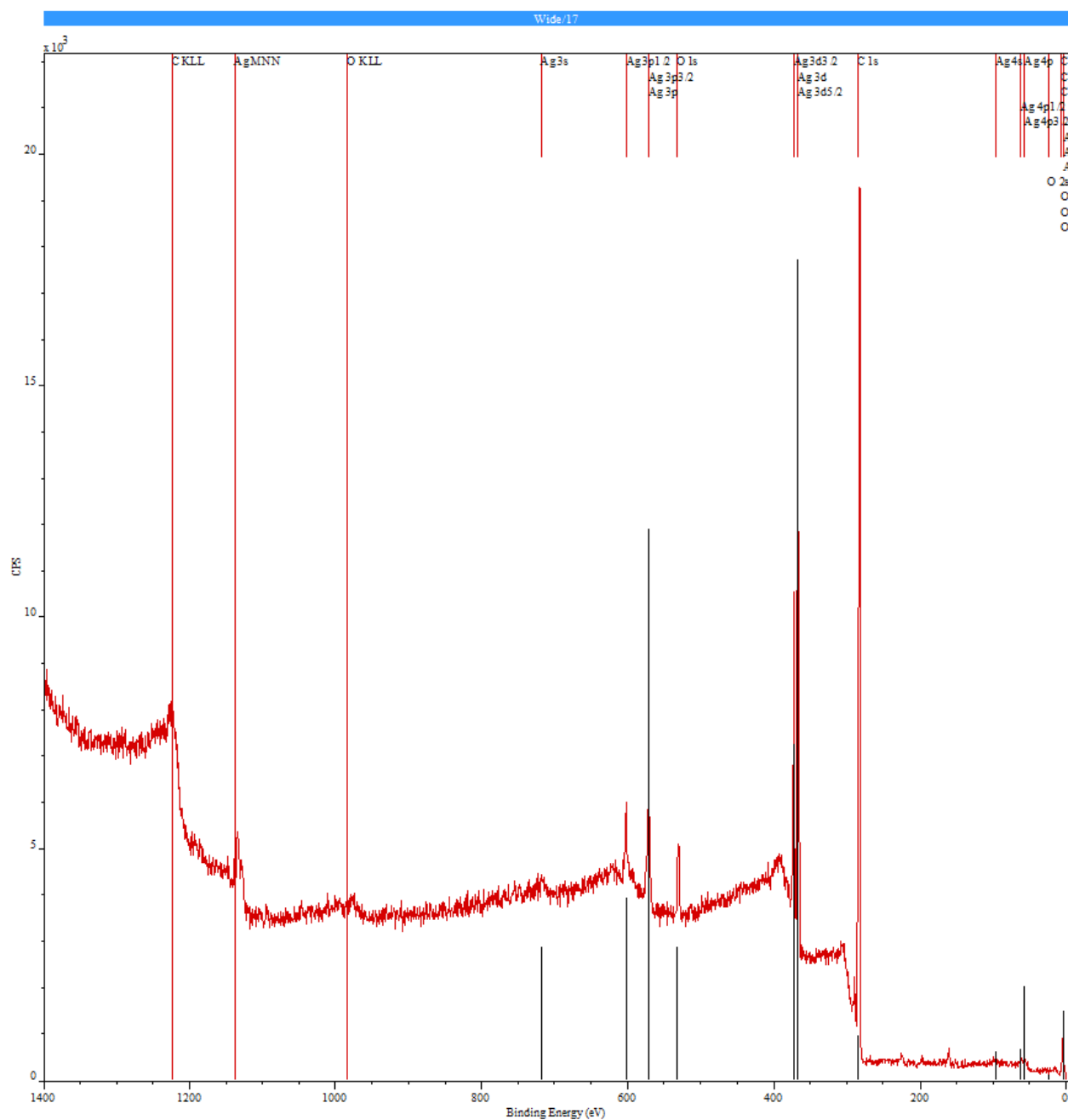


Figure S3. XP spectrum of a sample of washed filtered 853 nm PS nanospheres after reaction with 100 mM AgNO₃ at 80 °C for 30 min. The nanospheres were oven dried before analysis.