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## **Electronic Supplementary Information (ESI)**

## **UV Photo-Mediated Size Focusing Synthesis of Silver Nanoclusters**

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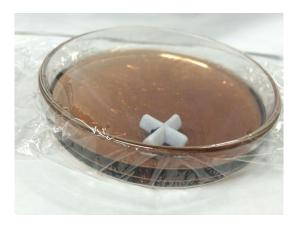


Fig. S1 Photpgraph of reaction container in UV photo-mediated size focusing synthesis.

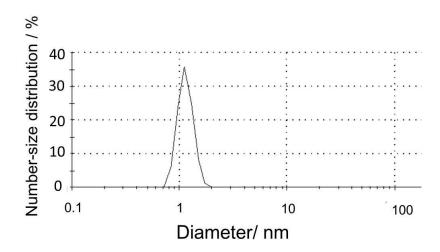
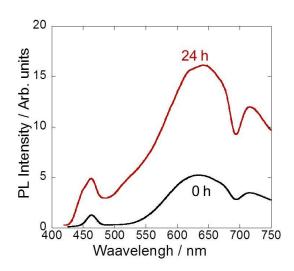


Fig. S2 Size of the Ag NCs after UV light irradiation for 24 h , measured by Zetasizer Nano ZSP (Malvern).



**Fig. S3** Emission spectra of the aqueous solution of Ag NCs on the excitation of 400 nm before (0h) and after 365nm-UV light irradiation for 24 h.