Supplementary Materials

Biosynthesized Highly Stable Au/C Nanodots: Ideal Probes for Selective and Sensitive Detection of Hg$^{2+}$ Ions

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Figure S1 FT-IR spectra of red onion leaves extract obtained from (i) Daegu and (ii) Incheon, South Korea.
Figure S2 UV-Vis absorption spectra of red onion leaves extract obtained from (i) Daegu and (ii) Incheon, South Korea.
Figure S3 UV-Vis absorption spectra of GCNDs prepared using red onion leaves extract obtained from (i) Daegu and (ii) Incheon, South Korea.
**Figure S4** Hg\(^{2+}\) ion sensing by GCNDs prepared using red onion leaves extract obtained from a) Daegu and b) Incheon, South Korea.