

Supporting Information

One-step synthesis of linear and cyclic RGD conjugated gold nanoparticles for tumour targeting and imaging

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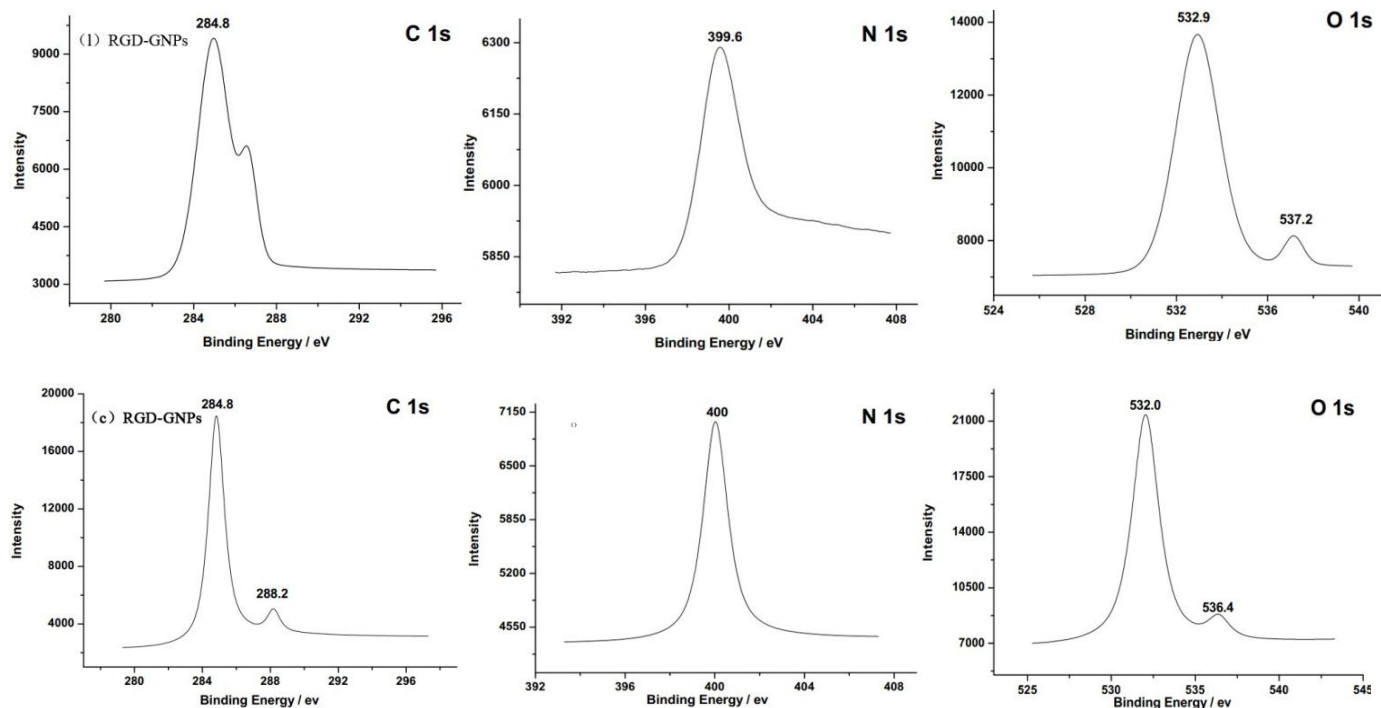


Figure S1. X-ray photoelectron spectroscopy (XPS) spectra of the C1s, N1s and O1s of the prepared (l)RGD-GNPs and (c)RGD-GNPs .

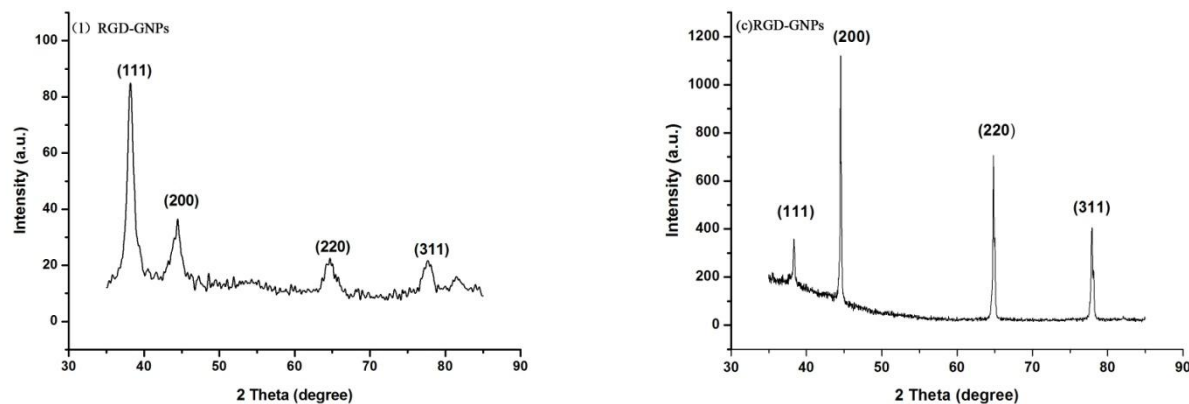


Figure S2. The X-ray diffraction (XRD) figure of (l)RGD-GNPs (left) and (c)RGD-GNPs (right). The spectrum included four peaks at 38.2 °, 44.5 °, 64.7 ° and 77.8 ° that can be assigned to the (111), (200), (220) and (311) planes.

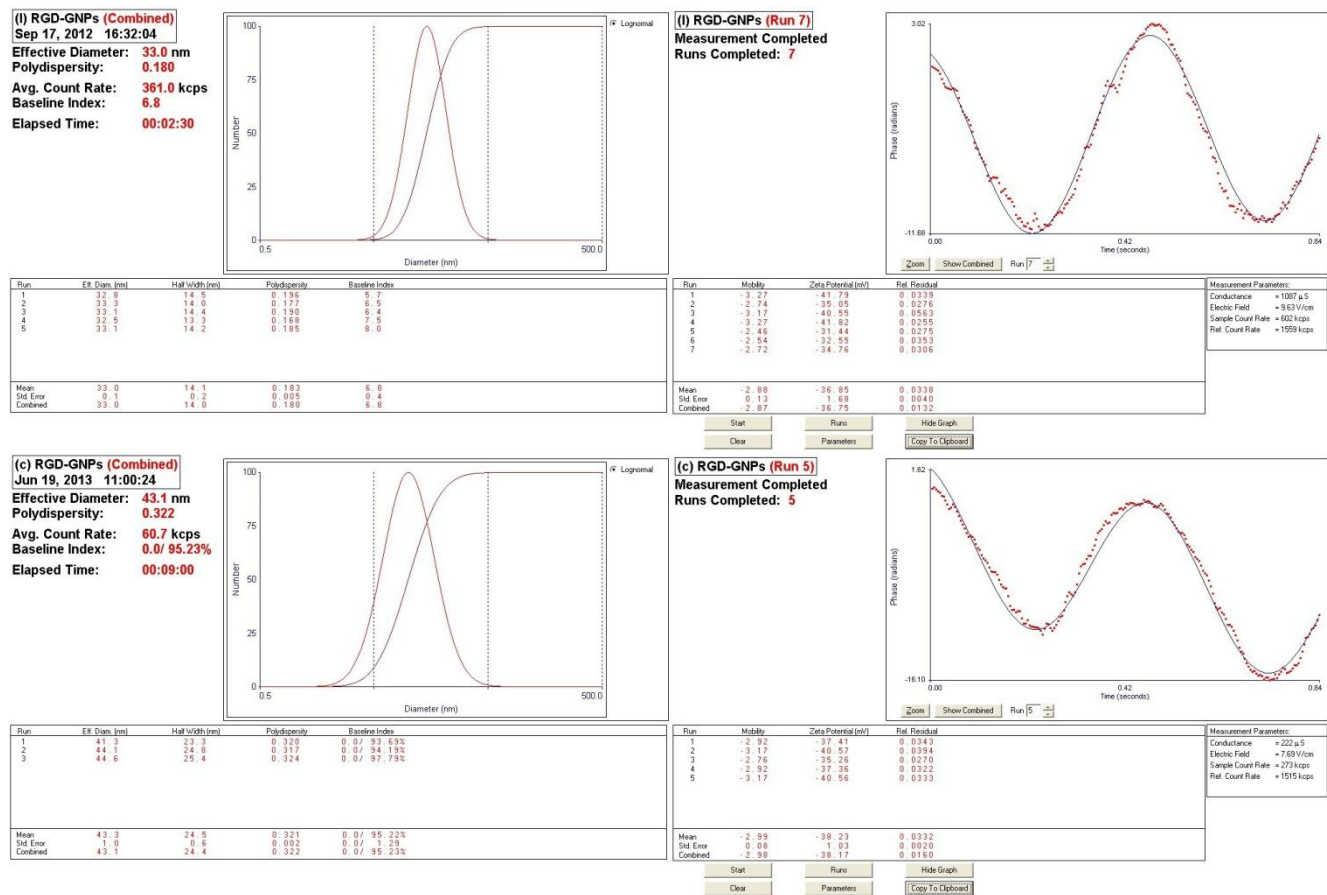


Figure S3. The dynamic light scattering and zeta potential figures of (l)RGD-GNPs and (c)RGD-GNPs.