**Supporting Information**

**for**

**Modulation of β-Amyloid Aggregation by Graphene Quantum Dots**

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**Figure S1.** Size distribution of the GQDs obtained by measuring the TEM images of GQDs using Nano Measurer Software 1.2.0. The average size is 4.0 ± 0.7 nm.



**Figure S2.** Fluorescence spectra of GQDs at different excitation wavelengths.

**Figure S3.** Concentration dependent PL spectrum of GQDs. The PL intensity of GQDs shows linear positive correlation with the concentration of GQDs in the range of 5-50 μM.



**Figure S4.** Inhibition effect of GQDs on the Aβ1-42 aggregation monitored by ThT assay.