

## Supporting Information

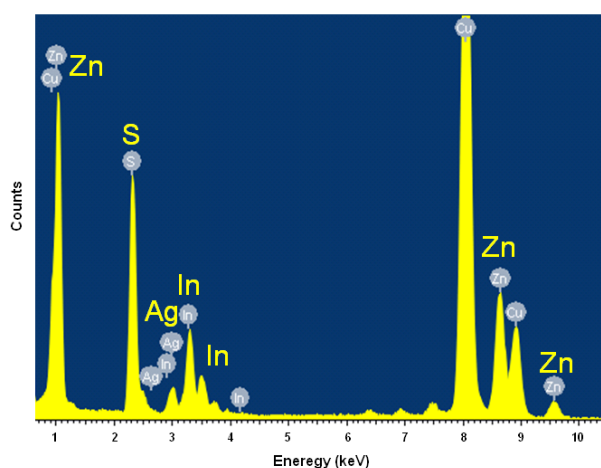
### Aqueous Synthesis of Highly Luminescent AgInS<sub>2</sub>-ZnS Quantum Dots and Their Biological Applications

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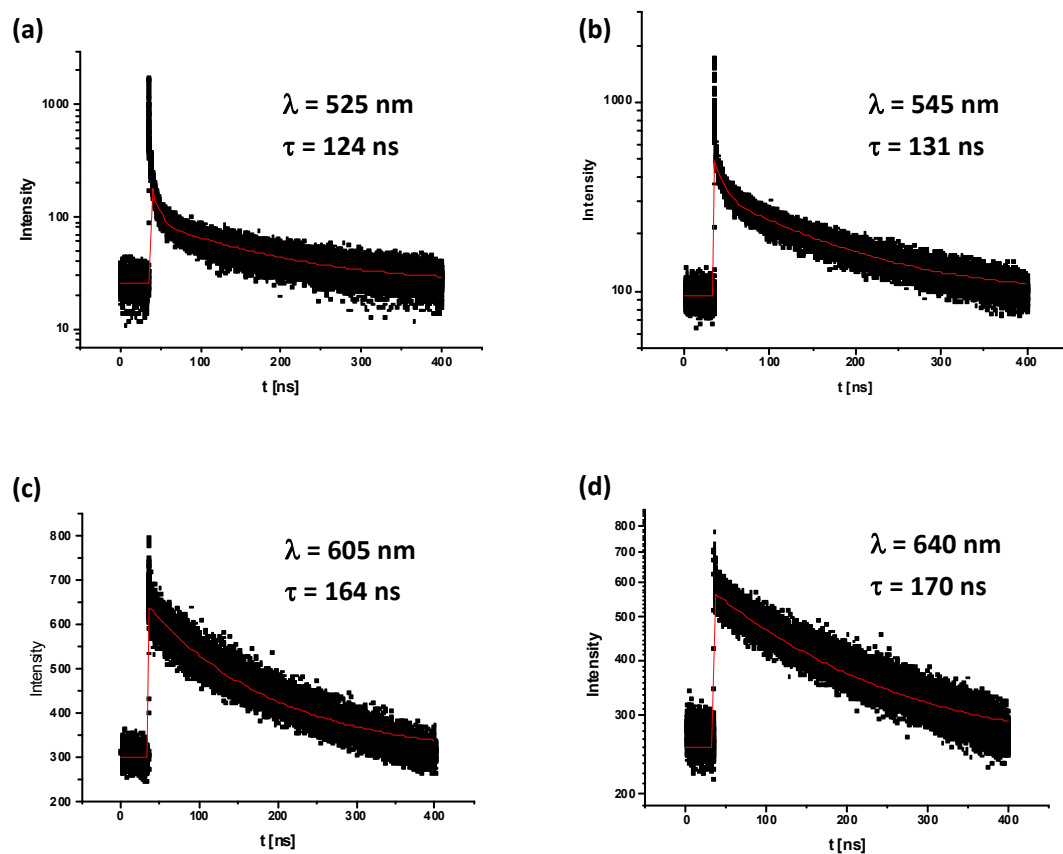
**Table S1.** Quantum yields of ZAIS QDs synthesized in the presence of different ligands.

Stabilizing Ligand/s*	Quantum Yield (%)
CA	5%
GSH	< 1%
CA + GSH	20%
CA + MAA	18%
PAA + GSH	19%

\*Note: CA = citric acid; GSH = glutathione; MAA = mercaptoacetic acid; PAA = polyacrylic acid



**Figure S1.** EDX spectrum of ZAIS QDs prepared using a Ag:In precursor molar ratio of 0.25:1. Peak analysis revealed that the experimental Ag:In ratio is 0.28:1. Cu signals are attributed to the Cu TEM grid.



**Figure S2.** Photoluminescence decay curves of the ZAIS QDs prepared using a Ag:In precursor molar ratio of: (a) 0.10:1, (b) 0.20:1, (c) 0.30:1 and (d) 0.35:1.