Figure S1

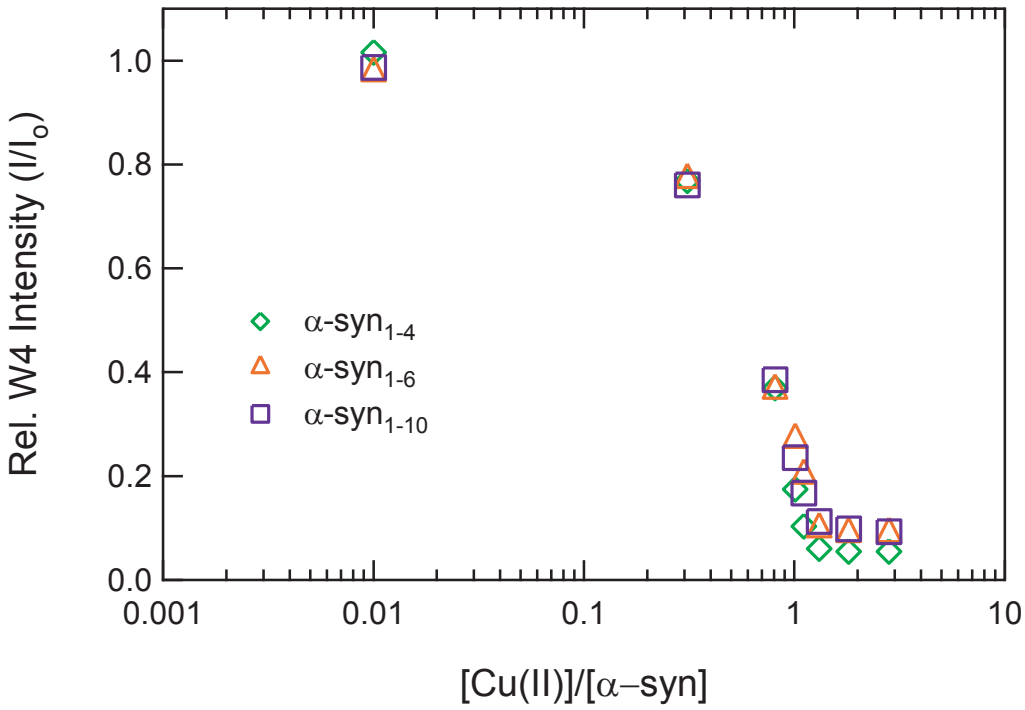

Figure S1. Intensity of α-syn peptide fluorescence as a function of added Cu(II). [peptide]=10 μM in deoxygenated 20 mM MOPS, 100 mM NaCl, pH 7 buffer.

Figure S2

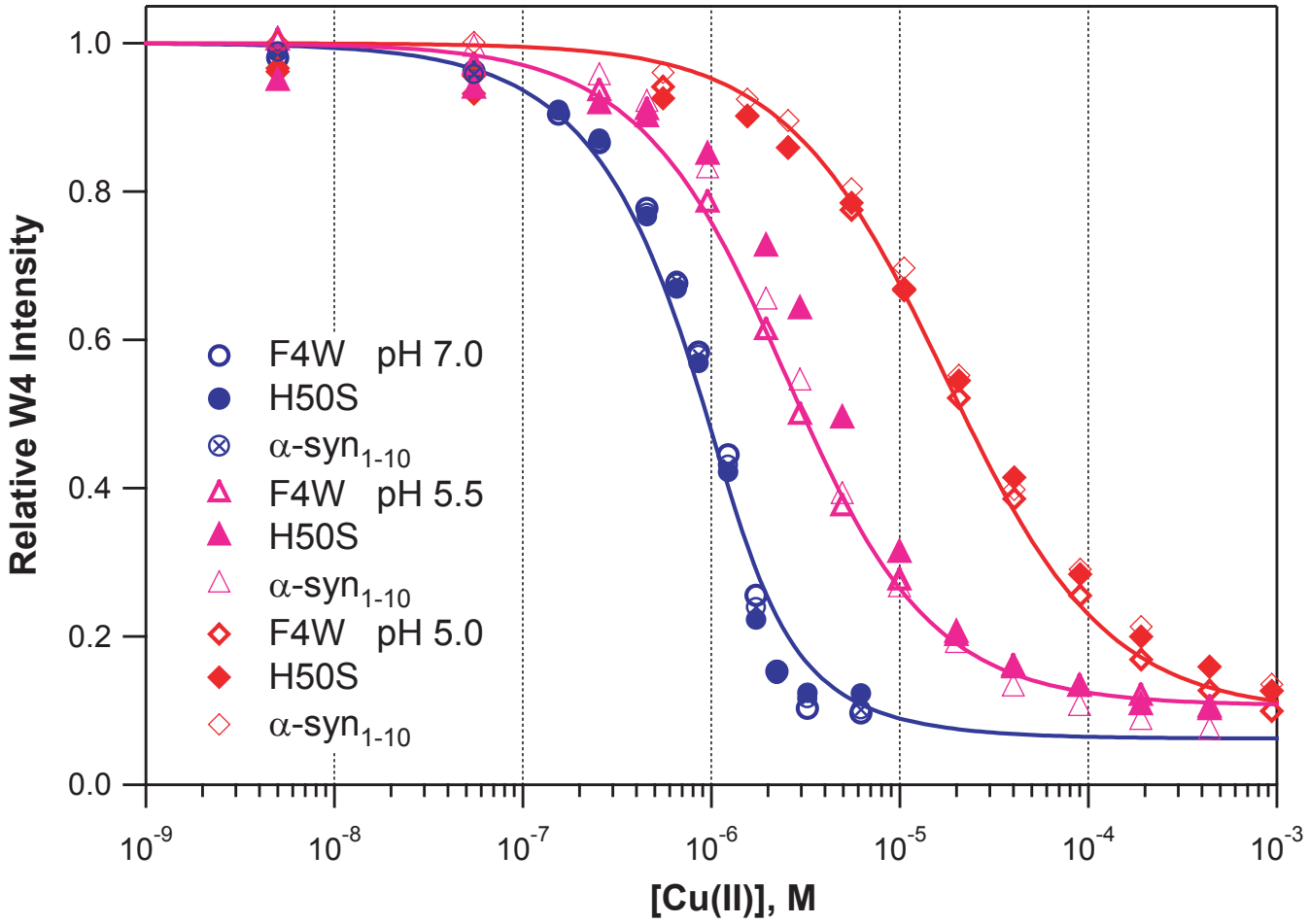

Figure S2. Comparison of Cu(II)-binding induced tryptophan fluorescence quenching of F4W, F4W/H50S, and synthetic peptide, α-syn$_{1-10}$ at different pH. For clarity, only fits (solid lines) for F4W protein are shown.

Figure S3

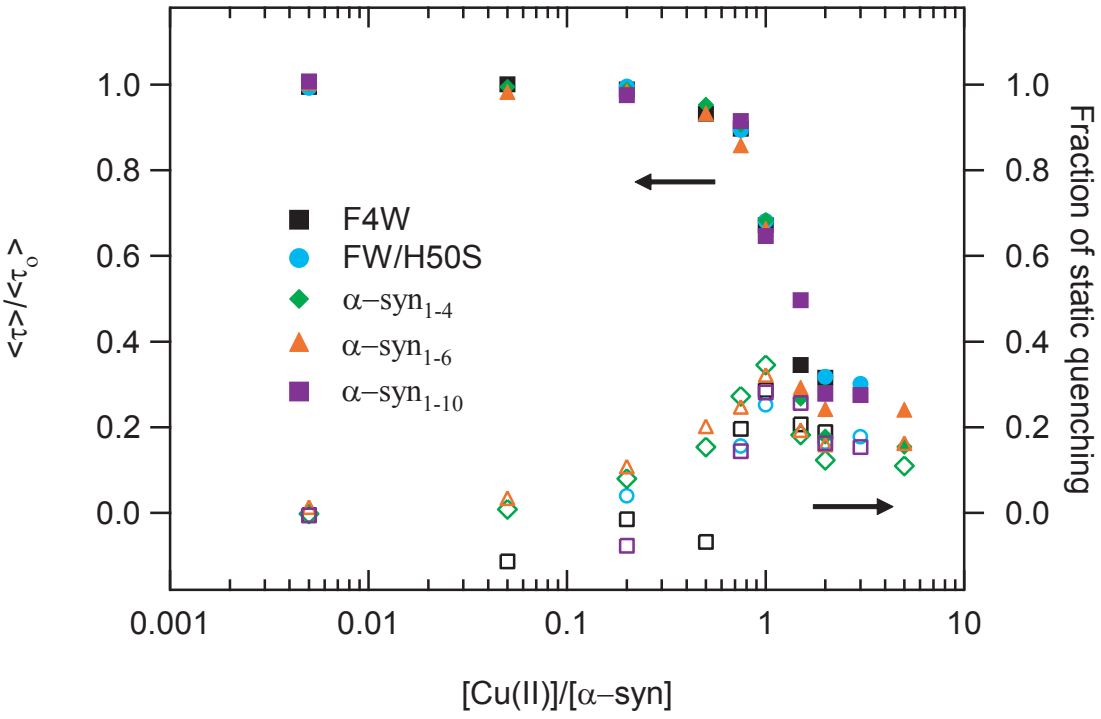

Figure S3. Average W4 fluorescence lifetimes and fraction of static quenching of full length and truncated α-syn as functions of added Cu(II) ([protein/peptide] = 1μM in 20 mM MOPS, 100 mM NaCl, pH 7 buffer).