Effect of membrane-mimicking environment on the interactions of Cu2+ with amyloidogenic fragment of chicken Prion protein

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Supplementary:

Figure 1S. CD spectra of (A) chPrP105-140 in water solutions in 0.1cm quartz cell; (B) Cu2+-chPrP105-140 complexes in water solutions in 0.1cm quartz cell. T = 298.2, c_{peptide} = 1x10^{-4}, 1:1.2 Cu^{2+}/peptide ratio.
Figure 2S. Survey of the NMR derived sequential and medium range proton-proton constraints characterizing chPrP105-140 fragment in SDS micelles.
Figure 3S. Superimposition of the mean NMR structure of hPrP91-127 (blue) and chPrP105-140 (red) fragments in SDS micelles. The figure was created with MOLMOL 2.K.1.
Figure 4S (A) CD spectra of chPrP105-140 in DTAC solutions in 0.1cm quartz cell. T = 298.2, c_{peptide} = 1x10^{-4} (B) CD spectra of Cu^{2+}-chPrP105-140 in DTAC solutions in 0.1cm quartz cell. 1:1.2 Cu^{2+}/peptide ratio; T = 298.2; c_{peptide} = 1x10^{-4}
Figure 5S Comparative X-band EPR spectra of 1:1.2 Cu²⁺-chPrP105-140 frozen: water, DTAC and SDS solution.