

Therapeutic Potential of Curcumin-Loaded Nanoemulsion in Counteracting Copper Toxicity in Neurodegenerative Disorders

Figure S1:

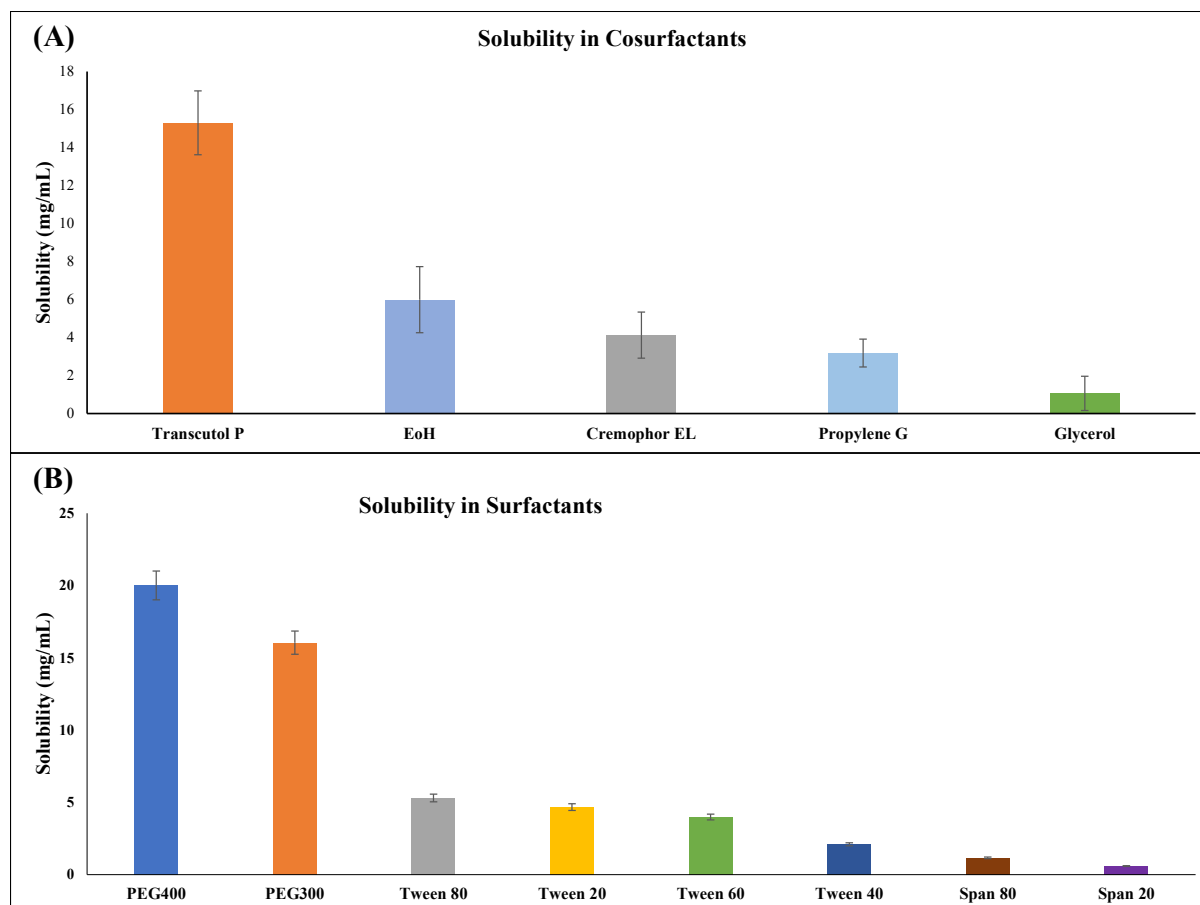


Figure S1: Solubility analysis: A) Solubility in co-surfactants B) Solubility in surfactants. All data were calculated in triplicates.

Figure S2:

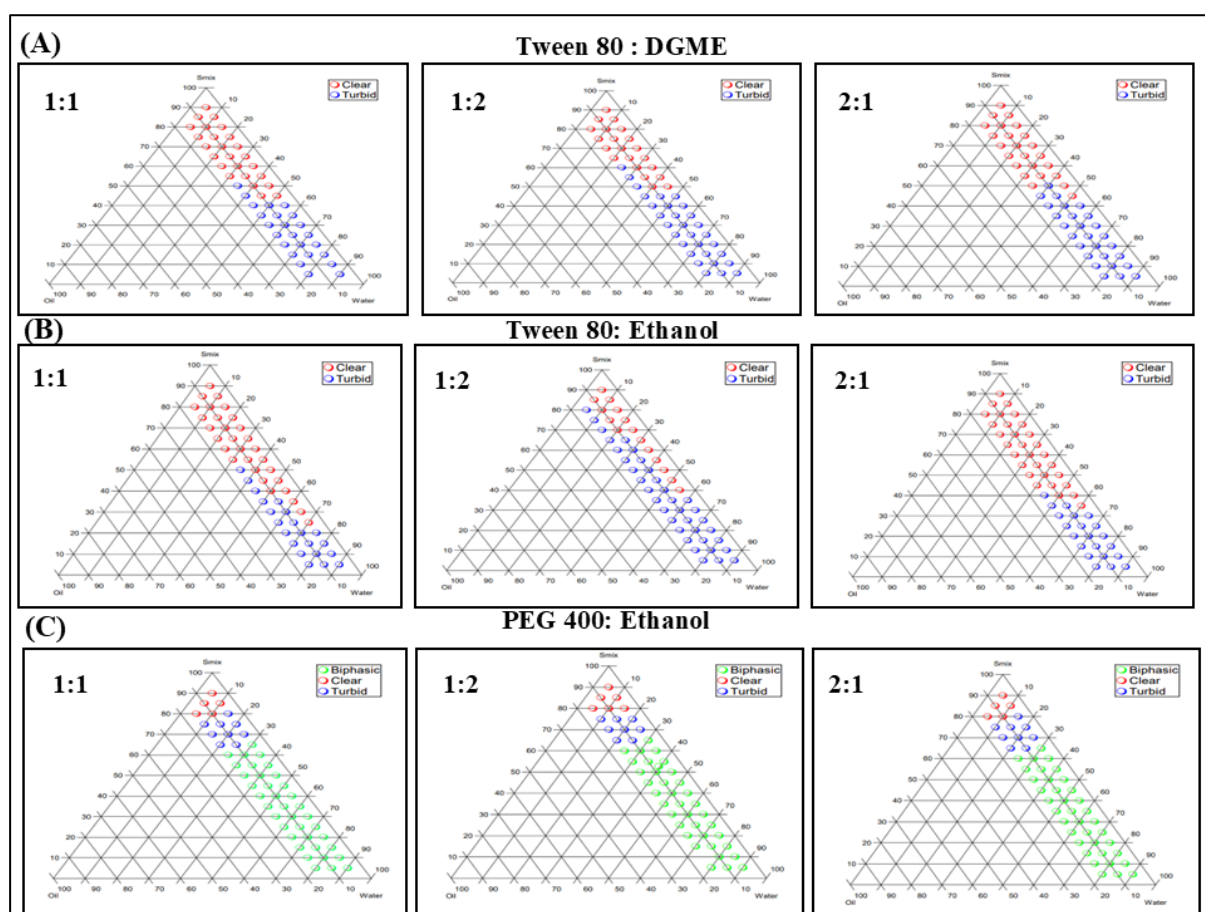


Figure S2: Ternary phase diagram A) Tween 80: DEME in 1:1, 1:2 and 2: 1 ratio, B) Tween 80: ethanol in 1:1, 1:2 and 2: 1 ratio, C) PEG400: ethanol in 1:1, 1:2 and 2: 1 ratio.

Figure S3:

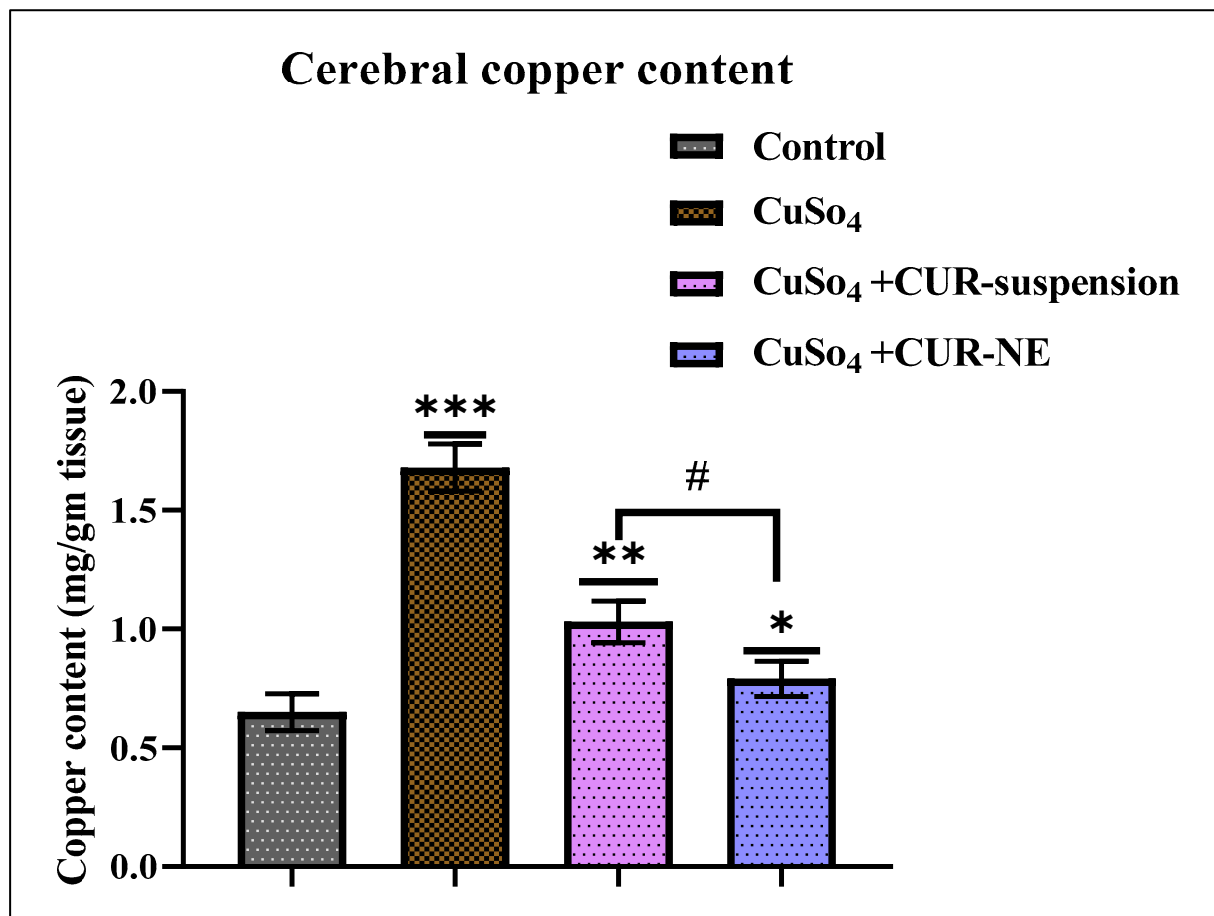


Figure S3: Evaluation of cerebral copper content in different group (N=3). All the readings were calculated in triplicates. Data was analyzed using one-way ANOVA with Dunnett's multiple comparison. All treatment groups were statistically compared to the control group to assess differences in the measured outcomes (denoted with *). The CUR vs. CUR-NE groups were statistically analyzed using a one-way ANOVA followed by the Sidak multiple comparisons test.