

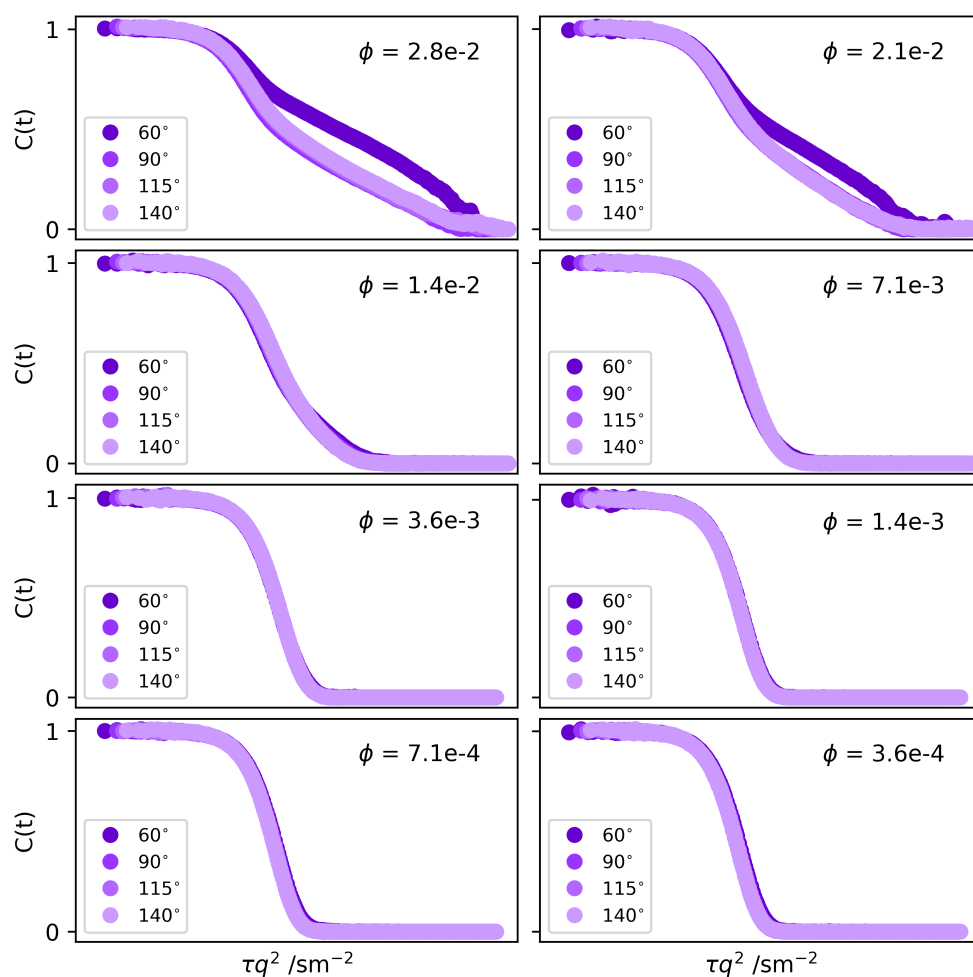
Supplementary information

# Arrested dynamics in a model peptide hydrogel system

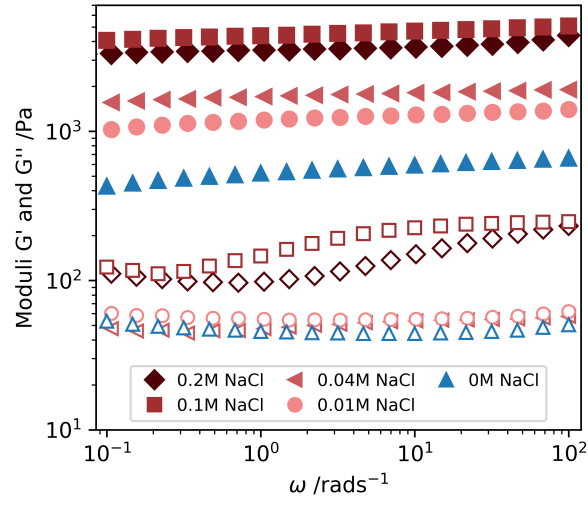
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**Figure S1** Correlation functions for all 8 A<sub>10</sub>K samples at 4 different angles, where the lag time  $\tau$  is scaled by the square of the scattering vector,  $q^2$ .



**Figure S2** Frequency sweeps of A<sub>10</sub>K samples at  $\phi = 0.025$  and varying salt concentration, with  $G'$  (solid) and  $G''$  (hollow). The measurements were obtained at a strain  $\gamma = 1\%$ .