Early aggregation kinetics of Alzheimer's $A\beta_{16-21}$ in the presence of ultrafine fullerene particle and ammonium nitrate

Supplementary Material

Samal Kaumbekova[1] and Dhawal Shah[1*]

[1]Department of Chemical and Materials Engineering, School of Engineering and Digital Sciences, Nazarbayev University, Nur-Sultan, 010000, Kazakhstan.

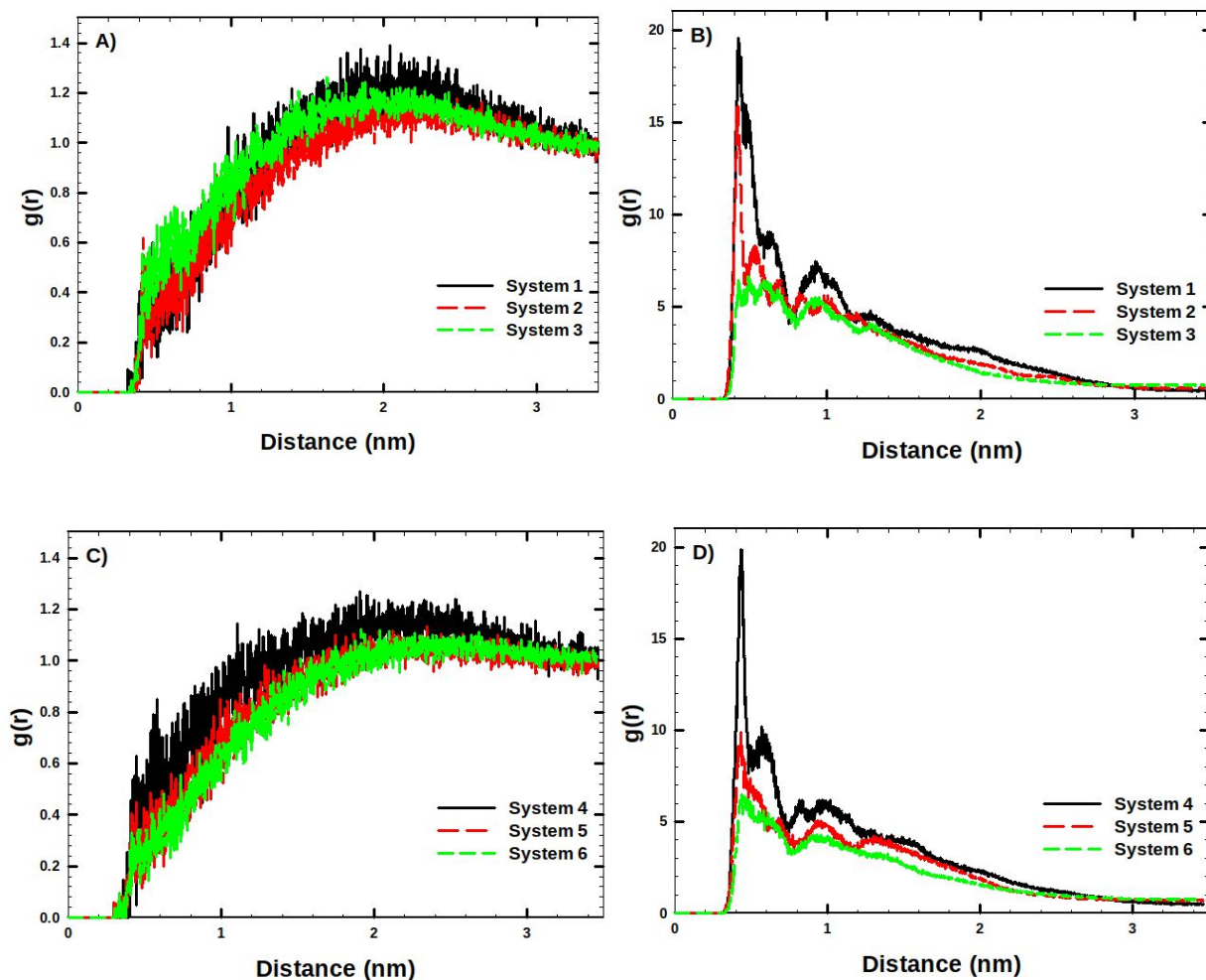*Corresponding Author: dhawal.shah@nu.edu.kz

Figure S1. Radial distribution function (g(r)) based on the center of mass A) peptide – ammonia interactions in systems with no UFP (systems 1 – 3), B) peptide – nitrate interactions in systems with no UFP (systems 1 – 3), C) peptide – ammonia interactions in systems with UFP (systems 4 – 6), D) peptide – nitrate interactions in systems with UFP (systems 4 – 6).
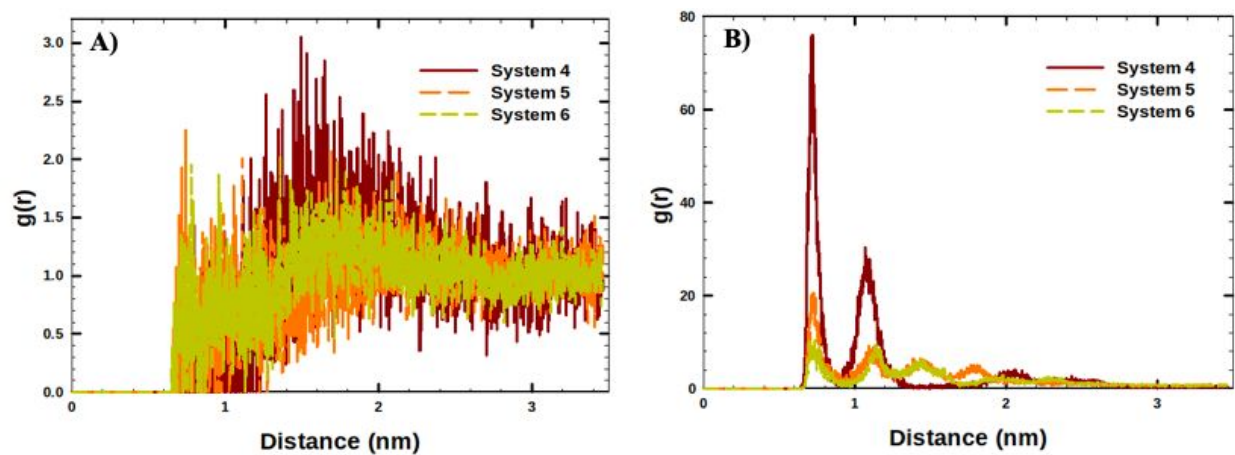
Figure S2. Radial distribution function (g(r)) based on the center of mass in systems with UFP (systems 4 – 6 A) C_{60} – ammonia interactions), B) C_{60} – nitrate interactions.