Electronic Supplementary Material (ESI) for RSC Advances.

Electronic Supporting Information

Modulations in the self-assembly of bovine serum albumin by enhanced depolymerisation and condensation induced upon stirring

*Shivnetra Saha, Rupali Shekhawat, Shashank Deep**

AUTHOR INFORMATION

Corresponding Author

*Shashank Deep

Associate Professor,

Department of Chemistry, Indian Institute of Technology, Delhi, Hauz-Khas, New Delhi

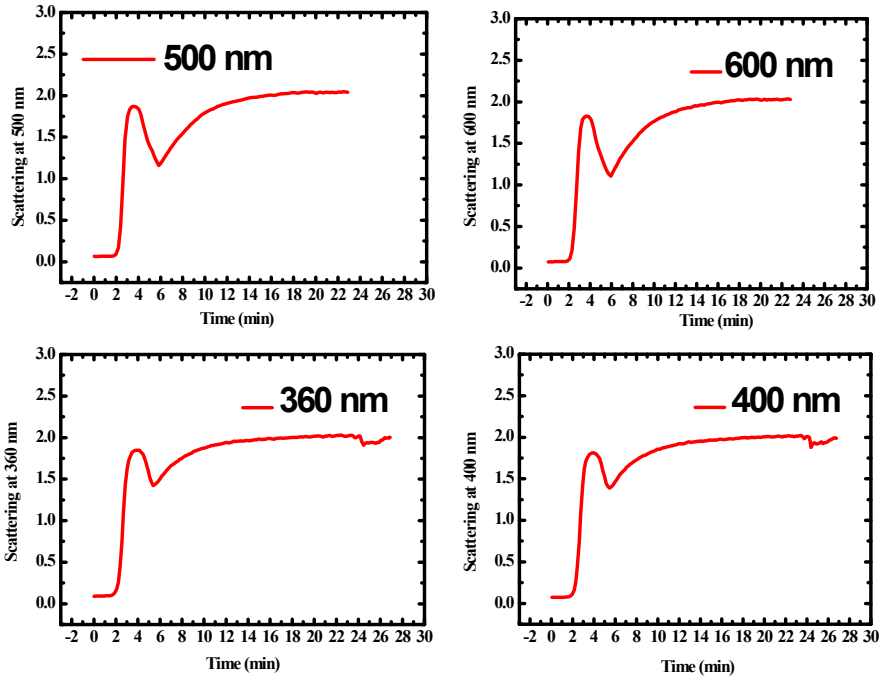

Fig. 1 Aggregation of the BSA-CTAB system (321 K) monitored at 4 different wavelengths

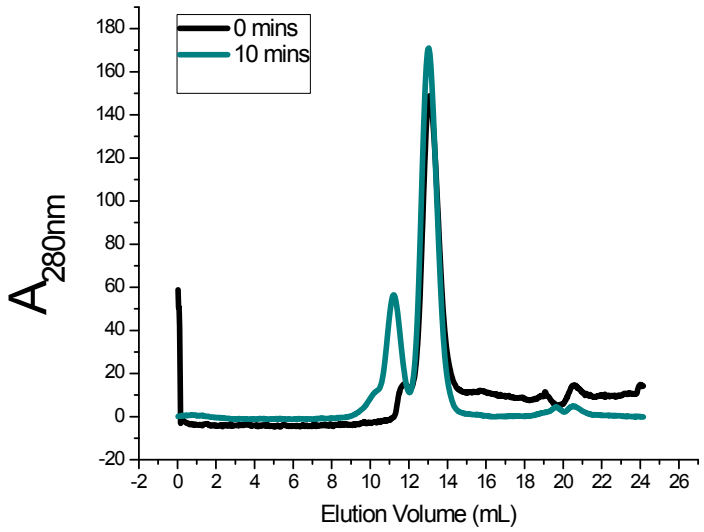

Fig. 2 Size exclusion profile of the supernatant left at the end of unstirred aggregation at 333 K (Black trace, 0 minutes) and after 10 minutes of stirring the same solution (dark cyan)

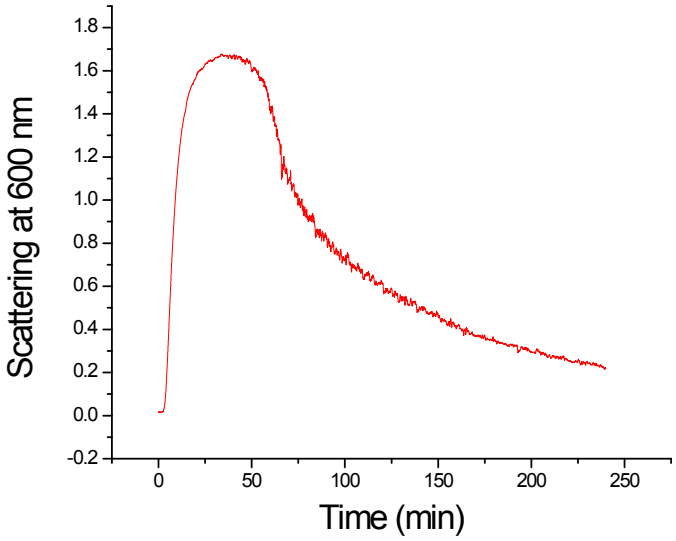

Fig. 3 Aggregation of the BSA CTAB system at 321 K monitored over a long time under unstirred conditions. The decrease in signal indicates the formation of larger aggregates which settle down with time

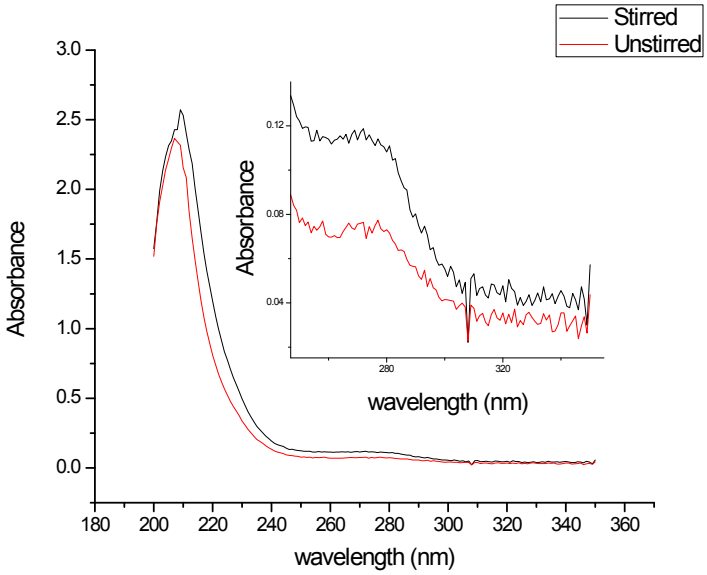

Fig. 4 Absorbance spectra of the supernatant of the aggregation of the BSA-CTAB system at 321 K after 16 hours

Fig. 5. Clumping of smaller aggregates into bigger aggregates in the first phase