

Supplementary Material (ESI) for Soft Matter

This journal is © The Royal Society of Chemistry 2011

Supporting information for:

Snapshots of Fibrillation and Aggregation Kinetics in Multistranded Amyloid β -Lactoglobulin Fibrils

Sreenath Bolisetty[§], Jozef Adamcik[§] and Raffaele Mezzenga^{, §}*

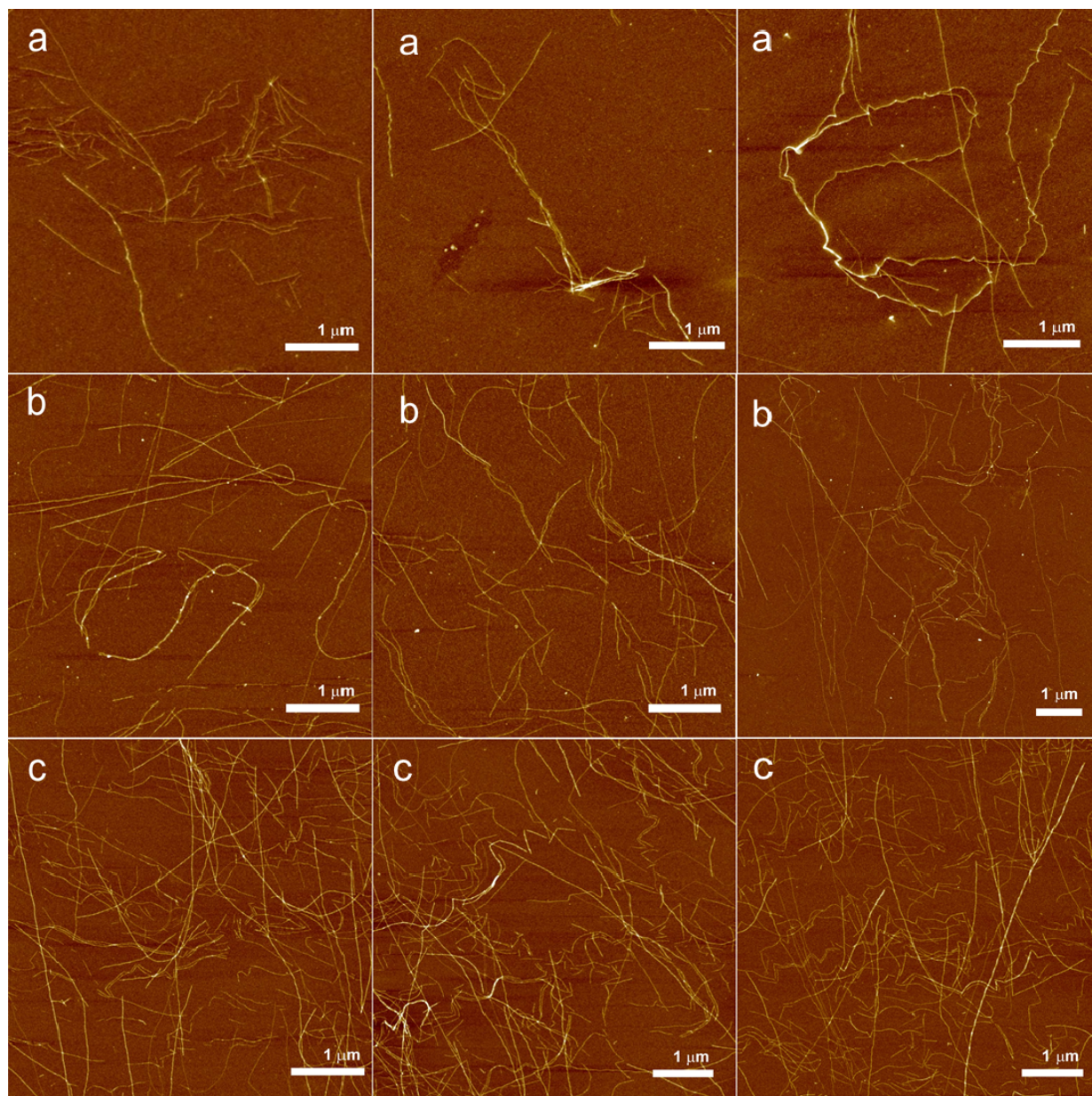


Figure S1: AFM height images of heated β -lactoglobulin at pH 2 and 90°C for the heating time of a) 45 minutes b) 90 minutes and c) 180 minutes, respectively.

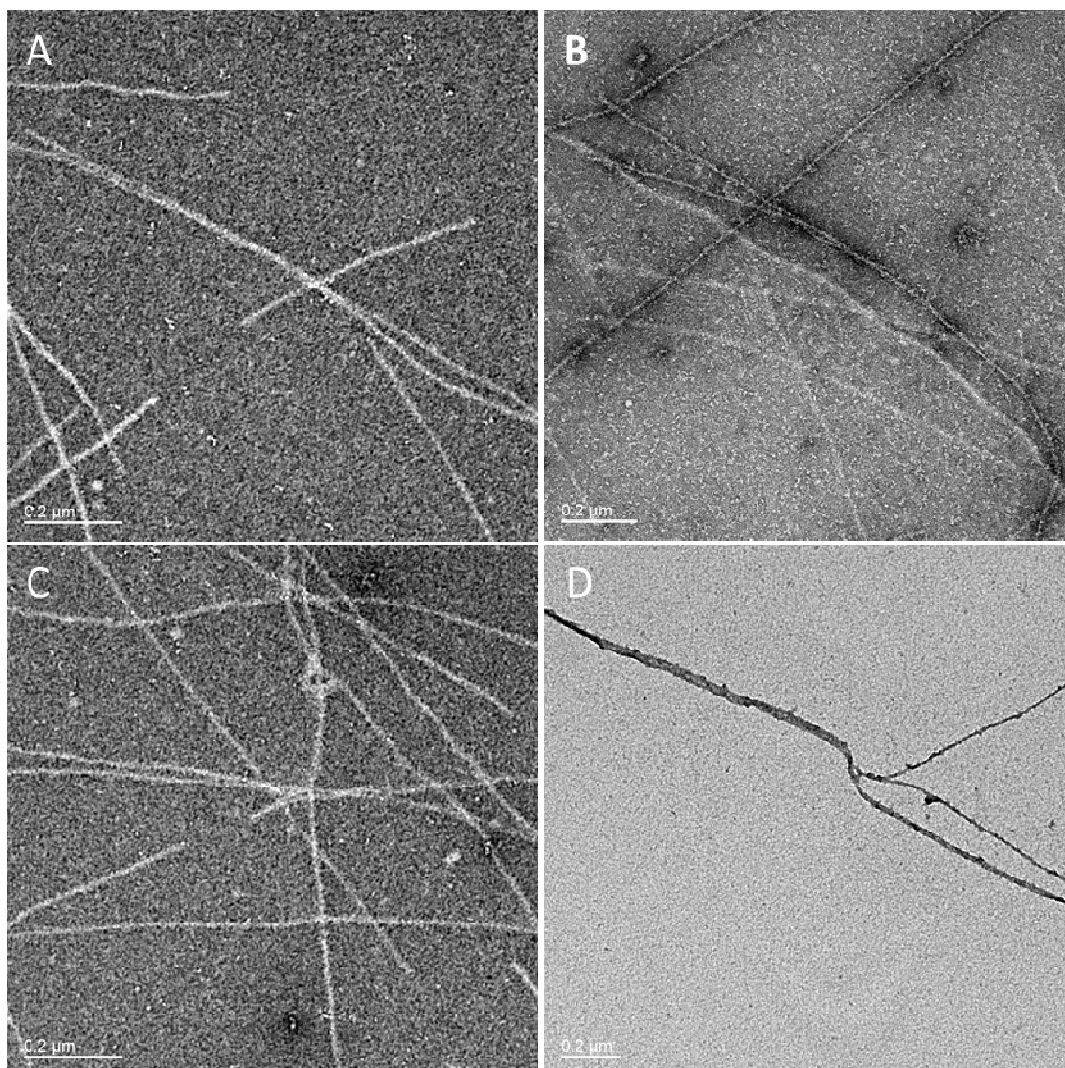


Figure S2: Transmission electron microscopy images of β -lactoglobulin heated at pH 2 and 90°C for 45 minutes. It clearly shows that the different protofilaments start to overlap each other and begin to twist and self-assemble into a compact multistranded fibril.

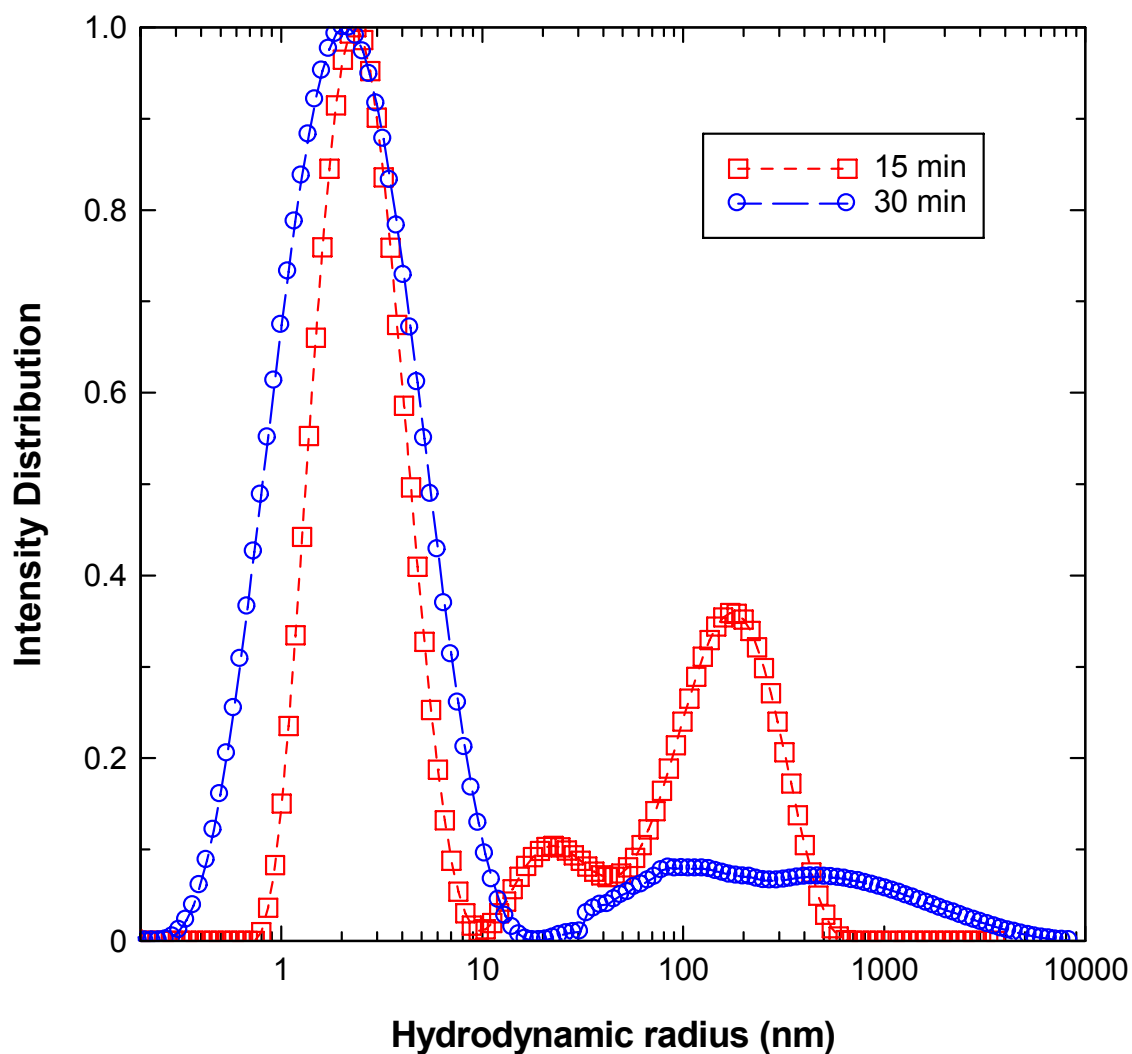


Figure S3: Particle size distribution (hydrodynamic radius) at heating times of 15 and 30 minutes as extracted by Contin analysis of DLS data