

Electronic Supplementary Information

ESI Mov 1 – Initial Bubble Formation

Initial formation of an AWI upon closing with a coverslip. The movement of a thin film aggregate can be seen in the air-region (lower dark region).

ESI Mov 2 – Initial Bubble Formation

Initial formation and evolution of AWI upon closing. Note thin film aggregates within lower region and non-uniform AWI fluorescence.

ESI Mov 3 – Bubble Breakdown

AWI collapse upon applied pressure. Aggregates are seen to adhere to and follow AWIs.

ESI Mov 4 –Bubble Breakdown

AWI collapse on applied pressure. Note movement of thin film aggregates within bubble that become static once in solution.

Keywords: Amyloid; Peptide aggregation; AWI formation; thin-film aggregates;