A study has found that hydration dynamics of proteins play a pivotal role in the aggregation of several proteins which is a preliminary step toward various neurodegenerative diseases

WHAT IS LIQUID-LIQUID PHASE SEPARATION(LLPS)?

Liquid-Liquid Phase Separation(LLPS) is a self-aggregated system. It is an intermediate step during the formation of stable protein aggregates.

This process plays an important role in the formation of cells organelles like P bodies, nucleolus which are membrane-less compartments in the cytoplasm of cells