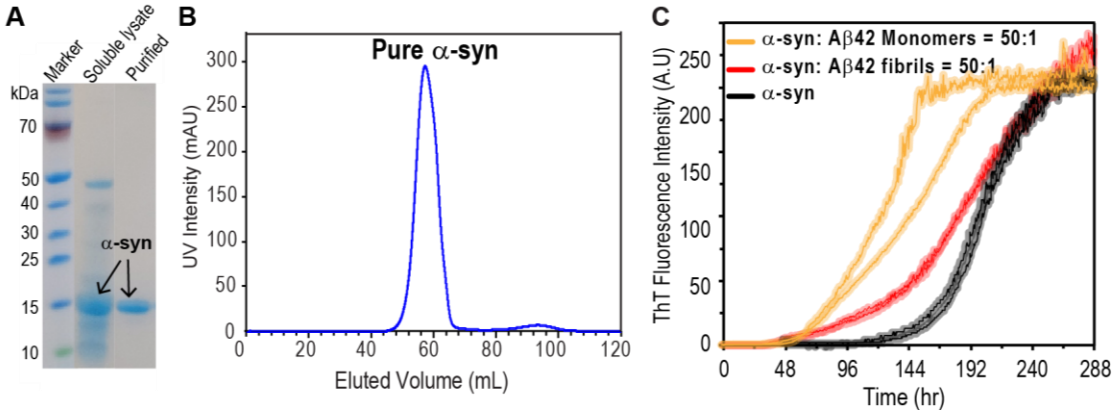

Fig. 1. (**A**) SDS page gel image and (**B**) size exclusion chromatography of the purified α-syn monomer. (**C**) ThT fluorescence intensities of α-syn alone (black), with Aβ42 fibrils (red), or Aβ42 monomers (orange) at an α-syn: Aβ42 ratio of 50:1.

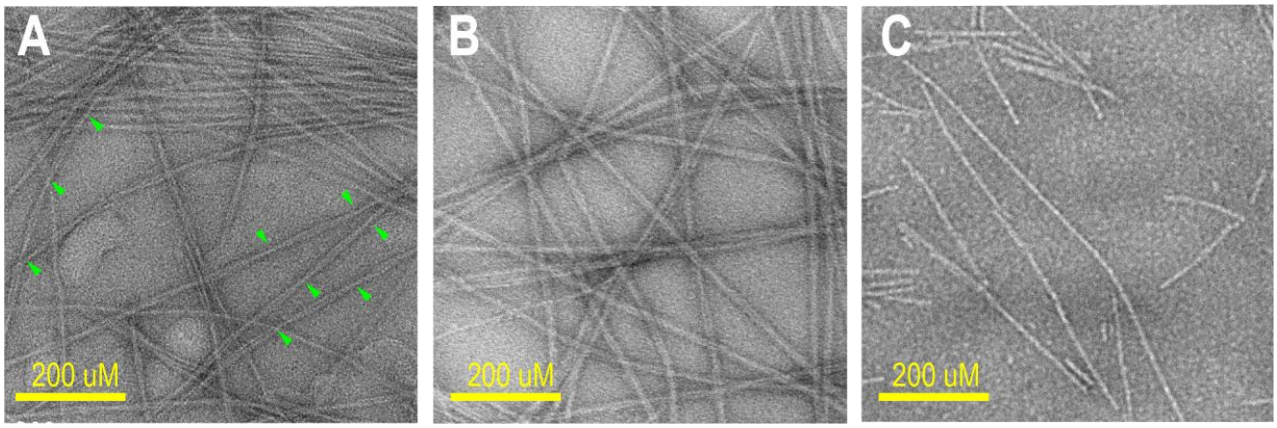

Fig. 2. Negatively stained TEM images of α-syn fibrils formed in the presence of Aβ42 fibrils (**A**), Aβ42 monomers (**B**), or in the absence of Aβ42 (**C**). Green arrows in (**A**) indicate twisted fibrils.

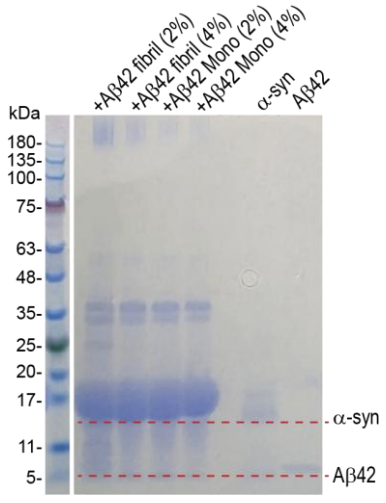

Fig. 3. SDS page analysis of protein aggregates. From left to right: α-syn fibrils formed with Aβ42 fibril and Aβ42 monomers (2 and 4 % relative to α-syn), α-syn fibrils alone, and Aβ42 fibrils alone. Distinct bands corresponding to α-syn (~14kDa) and Aβ42 (~5kDa) are indicated with red dashed lines, confirming the presence of both proteins in the mixed aggregates.