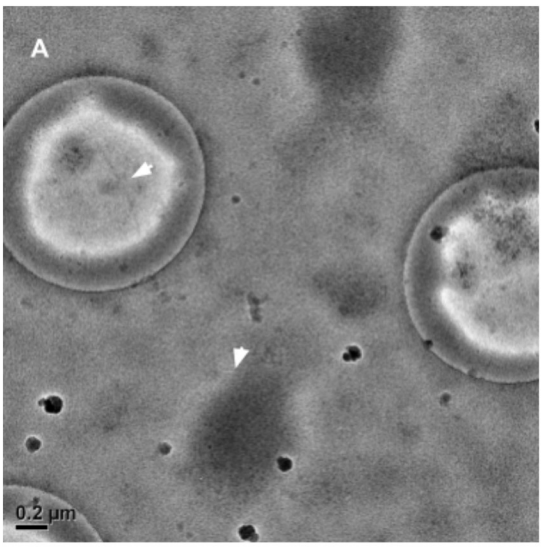
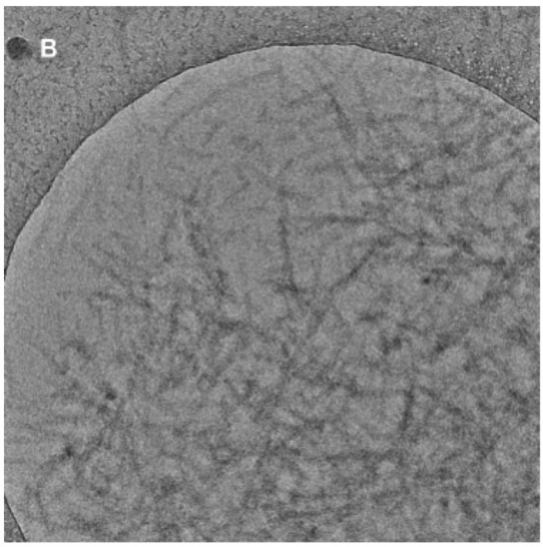




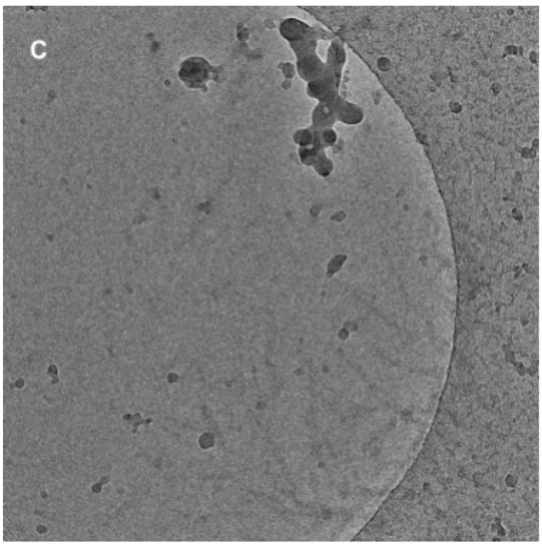
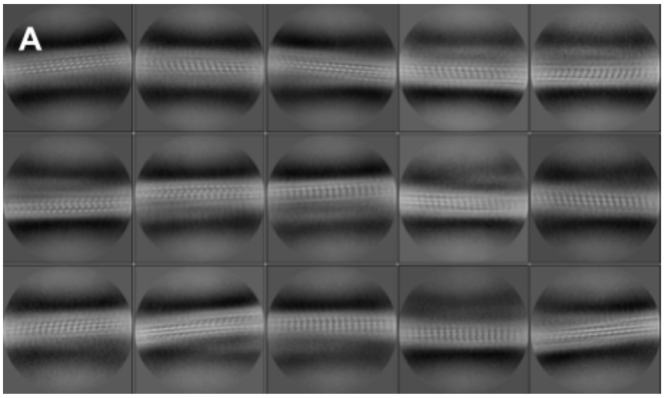


Figure 1. Cryo-EM samples of tau-rRNA fibrils imaged on a 200 keV Talos F200C microscope. (A) A sample of tau-rRNA fibrils without any sample optimization. Note the high background due to presence of unbound RNA and the prevalence of clumps of non-fibrillar material. Arrows indicate fibrils. (B) Another sample of tau-rRNA fibrils that has been cleaned up by concentrating and partially declumped via buffer exchange to a pH of 9.8. Particle picking of such a sample would be possible but quite difficult. (C). Another image of the sample in B, but in a less clumpy region of the grid. Note that fibrils are often at the edges of holes, as shown in (C).



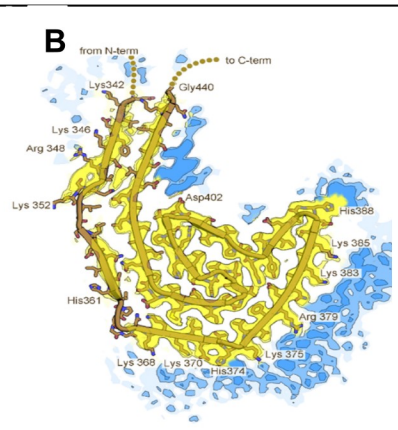


Figure 2. Fibrils of tau and total RNA seeded with tau fibrils from AD brain extract. (A) 2D class averages. (B) The current model for the structure of this fibril. Blue represents non-proteinaceous density, presumed to be RNA.