

BAG report_Galej (11/10/21 – 13/10/21)

U4/U6.U5 tri-snRNP

Data was collected on the 32-subunit spliceosomal snRNP complex, which contained a post-translational modification in one of its subunits. This modification was hypothesized to have an impact on the spliceosome assembly and the structure of the tri-snRNP. 5A reconstruction (Figure 1) obtained from the CM01 data collection does not show any substantial differences to the previously determined structures. Although we could not resolve this structure to better resolution due to a technical issues during data collection resulting in a limited number of useful particles, the data is sufficient to address our biological question and will be included in one of the future publications.

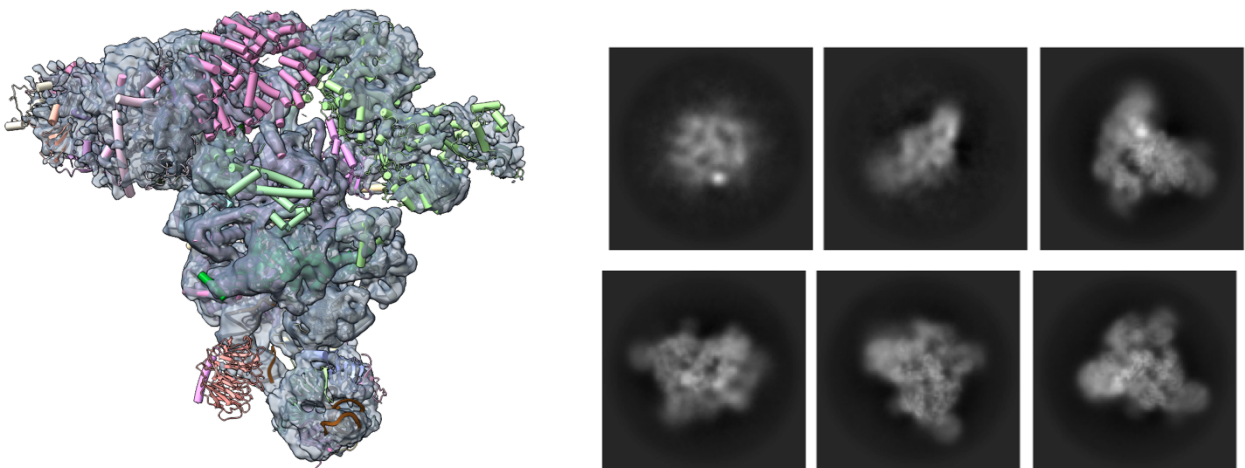


Figure 1. 3D reconstruction and 2D class averages from the data tri-snRNP collected on CM01.