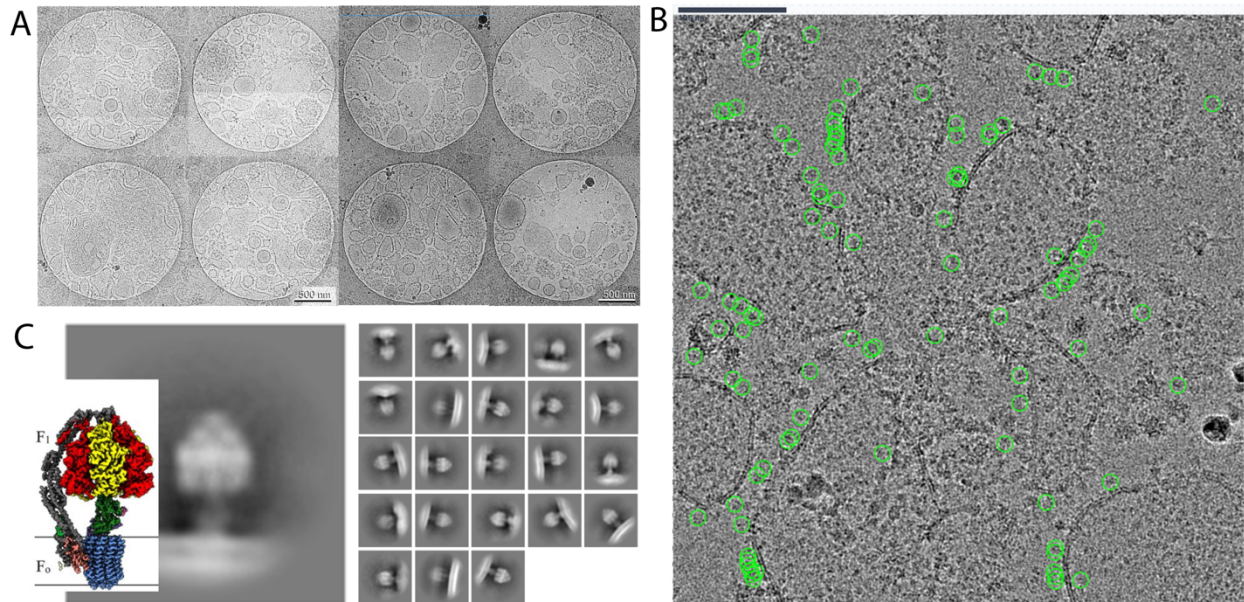


## Figures/Preliminary Results



**Figure:** (A) Low-magnification image showing the well-distributed sub-mitochondrial particles within holes. (B) High-magnification micrograph of mitochondrial membranes, with green circles indicating regions where ATP synthase side views were detected and subsequently used for 2D classification and averaging. (C) Representative 2D class averages of ATP synthase, alongside a cartoon depiction of the previously determined ATP synthase cryo-EM structure, highlighting the structural similarity.