

Research Additional Information

I have conducted research at the Frank Lab at Columbia University since 2022 under the guidance of Dr. Swastik De and Nobel Prize laureate Dr. Joachim Frank.

I am published as a first co-author in bioRxiv for my leading role in identifying the inconsistencies of *O. cuniculus* (rabbit) 28S rRNA published sequences. This paper will be published in a scientific journal. My publication can be found at this link: <https://doi.org/10.1101/2024.10.11.617640>. The full PDF can be found here: <https://www.biorxiv.org/content/10.1101/2024.10.11.617640v1.full.pdf>. The abstract is attached below.

I will be published as a second author in bioRxiv for researching the precise roles of yeast eukaryotic initiation factor 3's five subunits (a, c, b, i, and g) during canonical translation. The manuscript is currently being prepared and reviewed. Our models of the factors during translation initiation will be deposited in the Protein Data Bank. This paper will be published in a scientific journal. The abstract is attached below.