

## **Postdoctoral Position Available**

A postdoctoral position is available immediately in the research group of Dr. Edward Yu at Case Western Reserve University School of Medicine. The incoming research fellow will use cryo-EM, cryo-ET and other biophysical/biochemical techniques to elucidate the molecular mechanisms of RNA macromolecular machines (Morgan et al, 2023, PLoS Biol; Morgan et al, 2022, mBio; Zhang et al, 2021, mBio; Morgan et al, 2020, mBio) and membrane proteins (Moseng et al, 2022, Sci Adv; Su et al, 2021, Nat Methods; Lyu et al, 2021, EMBO Rep.; Su et al, 2021, PLoS Biol; Su et al, 2019, PNAS; Kumar et al, 2017, PNAS; Su et al, 2017 Nature Commun) Please find additional information about our research group and the outstanding research environment at CWRU from our Department of Pharmacology website: (<https://case.edu/medicine/pharmacology/>).

This position is focused on structure/function of RNAs/membrane proteins. The ideal candidate will have experience with RNA/membrane protein secondary structure, RNA/membrane protein characterization, and has shown the ability to guide a project to completion. Experience with computer based and cell based biochemical/biophysical characterization methods would be considered a strength. Advanced computer skills are desirable. Prior experience with multiple types of expression systems is also considered a plus.

Qualified applicants must have a PhD or MD/PhD degree in PhD in biology, biochemistry, immunology, molecular cell biology or related field; strong written, oral communication and critical thinking skills are required. As a Postdoctoral Scholar, he/she will present data at departmental seminars, prepare manuscripts and contribute preliminary data for grant proposals. Preference will be given to applicants with a recognized record of accomplishment as evidenced by scholarly publications in the fields of RNA/membrane protein and/or structural biology.

Case Western Reserve University offers a generous salary/benefits package in a diverse, intellectually rich environment. Interested candidates should send a cover letter and a CV with list of publications to Dr. Edward Yu ([ewy5@case.edu](mailto:ewy5@case.edu)) and Dr. Phil Klenotic ([pxk258@case.edu](mailto:pxk258@case.edu)).