**Instructor**

The Department of Physiology and Biophysics at Case Western Reserve University School of Medicine seeks a qualified candidate to fill a faculty position at the rank of Instructor. This is a non-tenure track position, and the majority of time will be spent on research in the laboratory of Dr. Tingwei Mu.

**Responsibilities And Duties**

The candidate will be expected to perform cell physiological experiments to investigate the molecular mechanism of protein quality control of membrane proteins. The candidate will also be part of our drug discovery project for neurological/neurodevelopmental diseases. The successful candidate needs to have excellent problem-solving skills and interpersonal skills to assist the PI for the laboratory management and mentoring junior lab members. The candidate is also expected to apply for extramural funding. (1) The successful candidate will analyze complex proteomics data. The candidate will have multi-year hands-on experience and deep knowledge of quantitative proteomics. (2) The candidate will carry out cell biological experiments (immunoblotting, immunoprecipitation and immunofluorescence). (3) The candidate needs to have experience in instrumental analysis, such as HPLC and fluorescence plate reader and to develop appropriate analytical assays as needed. (4) The candidate will generate study proposals and protocols and effectively schedule studies. (5) The candidate will summarize results and write manuscripts. (6) The candidate is expected to apply for extramural funding.

**Minimum Qualifications**

Applicants must have a Ph.D. in Cell Biology, Microbiology, or related discipline, with (1) at least three years of postdoctoral experience; (2) expertise in high-throughput data analysis; (3) at least 3 years of experience of proteomics and genetics; (4) a strong record of scholarly activity evidenced by high impact publications.

**How To Apply**

Review of Applicants will begin July 31, 2021. Interested parties should send a letter of application, curriculum vitae, a diversity statement, and three letters of recommendation to mxs86@case.edu

Applicants are also asked to submit a statement explaining how their research, teaching, and/or service have contributed to diversity, equity and inclusion within their scholarly field(s) and/or how their individual and/or collaborative efforts have promoted structural justice inside and outside institutions of higher learning. This statement should also reflect on the ways in which the candidate’s continued efforts will foster a culture of diversity, pluralism, and individual difference at Case Western Reserve University into the future.
In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity and advancing an inclusive community, in which everyone is welcome, respected, valued and heard. Along with colleagues across the university, our faculty, staff and students are engaged in continued and meaningful dialogue about issues of systemic racism, and we are determined to implement direct measures to end discriminatory practices on our campus and enhance our contributions to the communities around us. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply.

As our society grapples with the history, legacy and persistence of entrenched racism and its impact on communities of color, we reaffirm our mission to expand opportunities for underrepresented groups; provide a multifaceted education for our students; foster a culture of diversity, pluralism and recognition of individual difference; and realize our ideals within the university and in the larger world.