Two postdoctoral positions are available in the laboratory of Dr. Xiuren Zhang in Department of Biochemistry and Biophysics, Texas A&M University (http://plantrnasilencing.tamu.edu). The Zhang lab utilizes a combination of molecular, biochemical, genetic, and genomic approaches to understand the functions and mechanisms of gene silencing in plants. Zhang lab has set up close collaboration with the crystallographers, cryo-EM and single-molecule experts within the department to comprehensively study several novel genes and components identified through newly established genetic and biochemical screening systems. Zhang lab has also recently expanded their research to a broader field of plants and human health.

Applicants should possess a fresh Ph.D. degree with strong background in genetics, genomics, molecular biology and biochemistry with at least one first-authored publication(s) from their PhD work. Candidates should be highly motivated and ambitious with excellent oral and written English. One position would favor the candidate with experience with big data analyses (i.e., RNA-seq and ChIP-seq), whereas the other would benefit from the experience with either EMS-screening or biochemical expertise. Applications are accepted immediately until the positions are filled. The initial appointment is for two years and reappointment will depend on satisfactory job performance and funding availability. Interested applicants should send a CV, brief summary of research experience, and contact information for at least two references by email to Xiuren Zhang at xiuren.zhang@tamu.edu