



Kathy Fange Liu, Ph.D., is an Associate Professor of Biochemistry and Biophysics at the University of Pennsylvania, Co-director of Penn Center of Genome Integrity, and a Group Leader in the Penn Institute for RNA Innovation. Her laboratory investigates how RNA regulatory mechanisms, including RNA modifications, ribosome specialization, and RNA-targeting therapeutics, contribute to cancer development and progression. Her group is developing antisense oligonucleotide (ASO) and RNA-based therapeutic strategies for genetically defined cancers. Dr. Liu's research integrates mechanistic RNA biology with translational approaches to advance next-generation nucleic acid medicines.