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*Mapping and Programming RNA-protein Interactions to
Build RNA Therapeutics*

Dr. Kristopher Brannan is an Assistant Professor and CPRIT Scholar at the Center for RNA Therapeutics in the Department of Cardiovascular Sciences at Houston Methodist Research Institute. Dr. Brannan holds a BA in Molecular Biology and Biochemistry from the University of Colorado Boulder, and a Ph.D in Molecular Biology from the University of Colorado School of Medicine. Dr. Brannan's research integrates technology-development and systems approaches to study how RNA-protein interactions mechanistically regulate gene expression, and how disruption of these interactions drives cancer and neurological disease. Dr. Brannan is developing tools to probe RNA-binding and RNA-translation landscapes, to programmably target and modify RNA, and to build and test RNA-based medicine.