



**Lu Chen, PhD**

**Assistant Professor, Fox Chase Cancer Center, 2021**

**Instructor, Stanford Cancer Institute, 2020-2021**

**Postdoc Fellow, Stanford University, 2013-2020**

**PhD (honors) in Biochemistry & Molecular Biology,**

Stowers Institute for Medical Research /

University of Kansas Medical Center, 2007-2013

## Lab Overview

The Lu Chen laboratory studies molecular secrets underlying all things RNA biology – how RNAs are chemically modified, how their exact molecular forms are precisely defined, and how they cooperate with proteins to carry out molecular functions at specific cellular locations. We are translating our basic science discoveries into therapeutic options to combat cancer immortality, stem cell exhaustion, and degenerative diseases. We use diverse approaches, including protein-RNA reconstitution, Next-gen RNA structural profiling, CRISPR-engineering of human primary stem cell and mouse models, and single-molecule RNA imaging.


## Links and Contacts

Scan the QR code or [luchenlab.org/testimonials](https://luchenlab.org/testimonials) to read what former graduate student trainees are saying about Lu's mentorship style.

Scan the QR code or [luchenlab.org/publications](https://luchenlab.org/publications) to read Lu's research, including high-impact papers in *Cell*, *Nature*, *Mol Cell*, *Cell Rep*, *PNAS*.

Please feel free to reach out for more on the lab, science, or career:

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