



**Fox Chase Cancer Center (FCCC)** is the proven birthplace for groundbreaking basic and clinical research that led to the discovery of the Philadelphia chromosome and two Nobel Prizes. FCCC is one of the only 41 cancer centers nationwide that qualify as National Cancer Institute (NCI)-designated Comprehensive Cancer Center. The Lu Chen lab is part of **Cancer Epigenetics Institute (CEI-FCCC)** that offers rich resources in training, mentorship, and career development, including annual research symposiums and monthly workshops with top scientists, and collaborations with industry and clinicians.

A full-time research technician position is immediately available in **the Lu Chen lab** of the Cancer Signaling and Epigenetic Program. The lab aims to understand how misregulated RNA biology can contribute to human conditions, including cancer, aging, and degenerative diseases, with a long-term goal to develop RNA-centric therapeutics to improve public health. The lab is equipped with top-the-line instruments and is staffed with one postdoctoral fellow and the principal investigator. Dr. Lu Chen has a proven track record of publishing high impact research (9 papers as 1<sup>st</sup> author, 2 as corresponding author), and has trained/mentored successful trainees *en route* to basic science graduate or medical school programs (PhD and/or MD). *Selected publications are as follows:*

**Chen L\***, Chang HY, and Artandi SE. *Analysis of RNA conformation in endogenously assembled RNPs by icSHAPE*. **STAR Protocols** 2021, 2 (2), 100477 (\***co-corresponding author**)

**Chen L\***, Bellone RR, Wang Y, Singer-Berk M, Ford JM, Artandi SE. *A novel DDB2 mutation causes defective recognition of UV-induced DNA damages and prevalent equine squamous cell carcinoma*. **DNA Repair** 2020 Nov 12 (\* **corresponding author**)

**Chen L**, Roake CM, Galati A, Bavasso F, Saggio I, Schoeftner S, Cacchione S, Gatti, M, Artandi SE\*, Raffa GD\*. *Loss of Human TGS1 Hypermethylase Promotes Increased Telomerase RNA and Telomere Elongation*. **Cell Reports** 2020 Feb 04; 30: 1358-1272

**Chen L**, Roake CM, Freund A, Batista PJ, Tian S, Yin, YA, Gajera C, Lin S, Lee B, Pech M, Venteicher AS, Das R, Chang HY, Artandi SE. *An activity switch in human telomerase dependent on RNA conformation and shaped by TCAB1*. **Cell**. 2018 Jun 28

### Job Qualifications

- A Bachelor's degree in a basic science discipline is required.
- Experience working in a research laboratory is strongly preferred.
- Excellent organizational skills and multitasking capacities
- Excellent communication skills (verbal and written), interpersonal skills and a team-spirit

### Job Responsibilities

- Conduct experiments, under the supervision of the PI, in areas including but not limited to molecular cloning, cell culture, and general biochemistry techniques.
- Order and organize laboratory supplies, maintain equipment, manage lab protocols.
- Support research grants, and present own research.

### To apply

Please forward a cover letter outlining your career plans, CV, and names/contact of 2 professional reference to [luchenlab@yahoo.com](mailto:luchenlab@yahoo.com). For more, please visit [www.luchenlab.org](http://www.luchenlab.org), and @luchenlab\_FCCC