



Open Position in Molecular Biology or Biochemistry (Aptamer Development)

Altos Labs - San Diego Institute (SDI)

Z. Levine Laboratory

La Jolla, California

Expected Start Date: 6/1/22 (negotiable)

Summary

The Z. Levine Laboratory is excited to be recruiting an **experienced molecular biologist or biochemist** to work at the interface of **cellular health and resiliency** in the context of **ssDNA aptamers**. The successful candidate will work alongside a multidisciplinary team of biophysicists, chemists, and biologists to integrate knowledge across a wide range of experiments and investigate cellular aging, senescence, and reprogramming. This key role will work with the PI to design and synthesize nucleic acid aptamers that bind protein or cellular targets via selective evolution (**SELEX**). Additionally, the candidate should have experience with gel electrophoresis, PCR, RT-PCR, qPCR, and broad knowledge of genetic sequencing. Expertise with multiple SELEX techniques (e.g. cell-SELEX, protein-SELEX, FluMag-SELEX) is preferred, in addition to molecular separation and fluorophore conjugation strategies.

Preference will be given to candidates with experience (or interest) in combining biological data with biophysical measurements (e.g. binding affinities). Similarly, candidates with partial expertise in these techniques who express a compelling interest to learn are also encouraged to apply.

Candidates should hold a PhD in the Biological Sciences or related fields and must demonstrate a strong track record of conspicuous scholarship, mentorship, and scientific publications.

Salary and benefits will be commensurate with years of experience and is highly competitive with top biotechnology companies. Candidates with diverse backgrounds that value equity, inclusion, and belonging are especially encouraged to apply for this position.

How to Apply

Please send the following documents to zachary.levine@yale.edu

- 1.) A Current CV or Resume**
- 2.) A Representative Publication**
- 3.) A One Page Summary of Past Research Projects**
- 4.) A List of Three Letter Writers (Names and Email Addresses) to Endorse the Candidate**