**Job Description:**

Investigator I- Analytical/Bioanalytical Chemist

Luye pharma is a leading life science group with R&D sites located in Greater Boston, MA; Princeton, NJ; Nanjing, China; and Yantai, China. Luye invents, discovers, develops, manufactures, and commercializes medicines for the treatment of serious medical conditions for oncology, CNS, metabolism and other areas of high unmet medical need. GeneLeap is an early start up biotechnology company located in Woburn MA and funded by Luye Pharma. GeneLeap is specialized in gene therapy areas.

We are seeking a highly motivated, enthusiastic, individual scientist with both small molecule and large molecule analytical experiences to join GeneLeap Analytical/Bioanalytical group to perform characterization and quality control of mRNA, AAV, and oligonucleotides (three type of molecules). This individual will be responsible for design, execution of experiments, data analysis and reportig to project team to support programs preclinical development.

**Responsibilities:**

1. Analytical method development for characterization and quality control of mRNA, oligonucleotide and AAV drug substance and drug product for drug discovery support.
2. Lipid nanoparticles LCMS analytical method for quality control, bioanalytical samples quantification
3. Perform qPCR, RT-qPCR, ddPCR, bDNA assay, ELISA and SDS page etc method development
4. Managing CRO and CMO method development and method transfer
5. In conjunction with project teams, working strategically on multiple projects simultaneously and set priorities properly to support each program at stage proper level from early discovery, predevelopment to development,
6. Communicate results, progress and issues to project teams

**Qualifications:**

1. Ph.D. in analytical chemistry, biochemistry, or molecule biology fields
2. Hands on assay development experience in large and small molecule analytical or bioanalytical field in pharmaceutical or biotechnology settings with greater than 5 years experience.
3. Experience on assay development of methods like qPCR, RT-qPCR, ddPCR, bDNA assay, ELISA and SDS page etc as well as HPLC, LCMS platform, if not all of them, the more the better
4. Immunogenicity assays e.g., ADA, NAB, Elispot assay development experience is plus.
5. Process development experience is plus
6. Managing CRO experience is a plus
7. Demonstrates strong logic thinking and assay trouble shooting skills
8. Excellent communication skills within group and inter-functional departments, strong collaboration spirit