Investigator / Senior Scientific Investigator,

Bioanalytics mRNA Therapies (Woburn)

**This Position is open to qualified Applicants at the following Levels:**

* Associate Directors
* Principal Scientist
* Senior Scientist

**About us**

Luye pharma is a leading life science group with R&D sites located in Greater Boston (MA), Princeton (NJ), as well as Nanjing and Yantai in China. We invent, discover, develop, manufacture and commercialize medicines for the treatment of serious diseases. We focus on promising therapies in oncology, CNS, metabolic disorders and infectious diseases. Luye offers an international, fast-paced and team-oriented work environment. The successful candidate can expect competitive salaries and benefit packages (health, dental, life, 401k).

**Summary of Position**

We are seeking a highly motivated and adaptable individual to join our rapidly growing team in the US as Senior Scientific Investigator responsible for all aspects of mRNA bioanalytics. This includes development and validation of analytical methods relevant for mRNA therapies and delivery concepts. We expect a proven track record of discovery, non-clinical and pre-clinical research leading to IND filings. The successful candidate will report to the head of mRNA Gene Editing. He or she participates in the early R&D leading towards clinical trials of innovative mRNA therapies for patients with serious diseases. The position requires passion, engagement and a desire to move projects forward.

**Responsibilities**

* Develop, qualify and potentially validate bioanalytical assays for mRNA therapeutics, either alone or in combination with delivery vehicle (e.g. lipid nanoparticles)
* Collaboration within the mRNA group, as well across other functions of Luye Geneleap
* Full characterization of mRNA drug candidates in *ex vivo* and *in vivo* biosamples
* Apply state-of-the-art technology to address bioanalytical questions
* Conceive, execute and troubleshoot reliable analytical methods
* Write up Standard Operating Procedure (SOP) and drive the technology transfer to CRO
* Be point-of-contact person for contracted service providers
* Serve as lead scientist for bioanalytical questions in non-regulated, as well as GLP and possibly GCP studies
* Collect, analyze and document experimental data, writing of IND-enabling reports
* Train and manage young associates
* Present the final results to team members and line manager
* The successful candidate is expected to do hands-on bench work as requested

**Minimum Qualifications**

* MS in biology or related discipline and 7+ years of relevant research experience
* Ph.D. in biology or related discipline and 5+ years of relevant research experience
* Proficiency in the relevant areas of *in vitro* and *in vivo* bioanalytics
* Familiarity with a broad range of bioanalytical methods (such as ELISA, MSD, Flow Cytometry, RT-PCR) and biochemical assays
* Experience with planning and performing animal studies
* Experience with RNA delivery concepts, ideally for mRNA (such as lipid nanoparticles)
* Ability to move projects forward and produce data on time
* Capacity to identify and solve problems
* Excellent oral and written communication skills
* Motivation to work independently as part of a very collaborative, international team

**Preferred Qualifications**

* Prior research experience in biotech or pharmaceutical industry, in particular the therapeutic application of siRNA, miRNA, mRNA, or CRISPR/CAS technologies towards IND filing
* Patents or publications, if possible