

Position Title: **Scientist**

Reporting to: Assistant Director, ASO Strategy Research

Location: on-site in 9410 Carroll Park Dr, San Diego, CA 92121

Employment: Full-time

Salary range: \$90K -120K

n-Lorem Foundation

Though n-Lorem is pioneering a novel non-profit model, to provide personalized experimental ASO treatments for free, for life to patients with the rarest of mutations (nano-rare), we are functionally a biotechnology company. We have a large and growing portfolio of ASO medicine discovery programs, more than 35 ASO medicines in development and multiple clinical programs.

If you are a professional with strong biotechnology experience and would like to join a cohesive, experienced team committed to the belief that we can change the world one patient, one family at a time, we may have a position for you.

n-Lorem founder, chairman and CEO, Stanley T. Crooke, M.D., Ph.D., was presented with the 2022 Roy Vagelos Pro Bono Humanum Award for Global Health Equity of the Prix Galien.

<https://youtu.be/N7UwdQUZFmY>

Job Overview

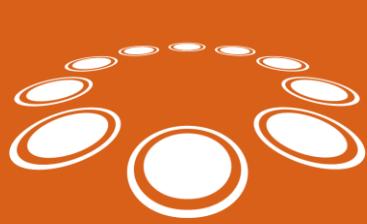
We are seeking a highly motivated Scientist to join our dynamic and innovative Discovery and Research team focused on developing novel antisense therapies for nano-rare diseases. The successful candidate will be reporting to the Assistant Director, ASO Strategy Research and will play a critical role in advancing novel ASO strategies, mechanism-of-action studies, and next-generation ASO designs.

The successful candidate will contribute to the development and validation of novel ASO approaches by conducting rigorous in vitro experiments, integrating molecular biology with cell biology and cell culture expertise, and collaborating across cross-functional teams. This is an exciting opportunity to help build the future of personalized ASO therapeutics in a mission-driven, fast-paced, and innovative environment.

Key Responsibilities

- Execute, troubleshoot and analyze in vitro screening experiments supporting ASO design, optimization, and mechanistic understanding.
- Execute, troubleshoot, and analyze in vitro screening experiments within our pipeline to evaluate potential clinical compounds.
- Work closely with cross-functional teams to ensure smooth communication and alignment, contributing to the strategic advancement of our research goals.
- Plan and conduct cellular and molecular biology experiments to advance our understanding of antisense oligonucleotide





- Adapt quickly to evolving priorities and provide timely updates and clear communication on research progress.
- Collaborate with internal teams to design and execute experiments that will inform decision-making and drive progress in the development of novel therapeutics.

Requirements

- US work authorization is required.
- Bachelor (BSc) or Master's degree (MSc) or equivalent experience in oligonucleotide research and discovery. 2+ years of industry experience is strongly preferred
- Neuronal culture experience is strongly preferred.
- Drug discovery experience is strongly preferred.
- Essential laboratory skills, including Western blots, ELISA, and RNA techniques . Additional in vitro skills, especially in automation are highly desirable.
- A proven track record of working in a highly collaborative, team- and mission- oriented environment. Track record of accomplishments, including publications in top-tier scientific journals is preferred.
- Demonstrated expertise in culturing human cell lines, fibroblasts, and iPSC-derived cells.
- Strong experience in performing high-throughput screening assays and data analysis.
- Excellent interpersonal skills, with a proven ability to build and maintain effective working relationships within teams and with external partners.
- Ability to manage assignments in a fast-paced, rapidly changing environment.
- Strong ability to collaborate effectively within a team.
- Self-starter with a high level of motivation, and a willingness to take initiative and embrace new challenges.

n-Lorem offers a competitive benefits package including medical, dental, vision, 403(b) and 4 weeks paid vacation. n-Lorem is a small foundation with an extraordinary mission, to provide hope and potentially help to nano-rare patients today. Every employee in our organization is a significant contributor to this mission. We know that our work could have a profound impact on the life of a patient today.

For more information on n-Lorem, please visit our website www.nlorem.org

