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Job Title: Scientist, Pathology

The Role

Moderna is seeking a Pathologist to support the characterization and understanding of potential adverse effects of modified mRNA's and delivery systems in preclinical species. Reporting to the Director of Pathology, the Pathologist will help uncover the molecular pathogenesis behind these changes to understand if these effects translate to the clinical situation. The Pathologist will support the effort for developing better, safer and more efficient delivery and expression system and will provide support to establish the regulatory position to enable clinical trials with these agents.

Here's What You'll Do

- Support the development and execution of the internal pathology sciences laboratory to support the platform and subsidiary specific needs (molecular pathology, histology, investigative pathology/toxicology)
- Support the effort to establish state of the art processes for evaluating and characterizing the effects of modified mRNA's in preclinical species including the pathology sciences necessary for this characterization.
- Interface with the drug metabolism and pharmacokinetic experts to characterize the full pharmacodynamic and toxicodynamic properties of this novel class of agents.
- Help to develop Moderna's pathology assessment scheme for potential clinical candidates, up to and including peer-review of GLP and regulatory enabling studies
- Prepare appropriate sections of regulatory documents to support the filing of applications for human dosing including IND's, CTA's, etc.

Here's What You'll Bring To The Table

- DVM and/or Ph.D. in comparative pathology (ACVP board certification preferred), pharmacology and/or toxicology with 3 or more years spent overseeing all aspects of the Safety Assessment activities in pharmaceutical development. Strong consideration will be given to
- Preferred: Significant contributions to the success of novel pharmaceutical agents with direct experience authoring study reports and appropriate sections of regulatory documents supporting applications for human dosing.
- Preferred: Strong investigative toxicologic/pathology skills to interpret chemical based toxicity and morphological/clinical pathology changes related to chemical exposures.
- Preferred: Strong level of understanding and expertise in either one or more of the following: immunology, nanoparticle biology and pathology, the complement system
- Preferred: Experience conducting outsourced GLP toxicology studies and interfacing with the scientific tox/path staffs at leading CRO's

- Teamwork
- Effective communication (written and oral)
- Multi-tasking ability, sense of urgency, results and detail orientation, independence

Here's What We'll Bring To The Table

- On-site subsidized cafeteria or catered lunches
- Company-provided iPhone
- Free parking, monthly subway pass or a subsidized commuter rail pass
- Free annual corporate membership to Bluebikes
- Highly competitive healthcare coverage including: medical offered through BCBS (HMO/PPO), dental, and vision offered through VSP
- Flexible Spending Accounts for medical expenses and dependent care expenses
- 16 weeks of 100% paid parental leave for all new parents
- 16 weeks 100% paid family caregiver leave
- 20 weeks 100% paid medical leave
- Eligible for "Moderna Month" (one month paid sabbatical after five years of service and eligible for additional one month paid sabbatical every 3 years thereafter)
- Adoption assistance and discounts to local childcare centers, as well as access to care.com
- 401k (traditional and Roth offered) with 50% match on first 6% deferred. Match is vested immediately
- A suite of Moderna paid insurance coverage, including: life insurance, short-term and long-term disability
- Voluntary legal assistance plan
- 15 days' vacation and 7 sick days per year, in addition to a discretionary winter shut down and 11 company paid holidays (includes 2 floating holidays)

About Moderna

In 10 years since its inception, Moderna has transformed from a science research-stage company advancing programs in the promising-but-still-unproven field of messenger RNA (mRNA), to an enterprise with its first medicine having treated millions of people, a diverse clinical portfolio of vaccines and therapeutics across six modalities, a broad intellectual property portfolio in areas including mRNA and lipid nanoparticle formulation, and an integrated manufacturing plant that allows for both clinical and commercial production at scale and at unprecedented speed. Moderna maintains alliances with a broad range of domestic and overseas government and commercial collaborators, which has allowed for the pursuit of both groundbreaking science and rapid scaling of manufacturing. Most recently, Moderna's capabilities have come together to allow the authorized use of one of the earliest and most-effective vaccines against the COVID-19 pandemic.

Moderna's mRNA platform builds on continuous advances in basic and applied mRNA science, delivery technology and manufacturing, and has allowed the development of therapeutics and

vaccines for infectious diseases, immuno-oncology, rare diseases, cardiovascular diseases and auto-immune diseases. Today, 24 development programs are underway across these therapeutic areas, with 13 programs having entered the clinic. Moderna has been named a top biopharmaceutical employer by Science for the past six years. To learn more, visit www.modernatx.com .

Moderna is a smoke-free, alcohol-free and drug-free work environment.

Moderna is committed to equal employment opportunity and non-discrimination for all employees and qualified applicants without regard to a person's race, color, gender, age, religion, national origin, ancestry, disability, veteran status, genetic information, sexual orientation or any characteristic protected under applicable law. Moderna will make reasonable accommodations for qualified individuals with known disabilities, in accordance with applicable law.