



The Moderna  
world is here.

**Join us in pioneering a new generation of medicines!**

### **Associate Scientific Director, Pathology**

#### **The Role:**

Moderna is seeking an Associate Scientific Director of Pathology to support the characterization and understanding of potential adverse effects of modified mRNA's and delivery systems in preclinical species. Reporting to the Sr. Director of Pathology, this scientific leader helps uncover the molecular pathogenesis behind these changes to understand if these effects translate to the clinical situation. The Pathologist supports the effort for developing a better, safer and more efficient delivery and expression system. He/she/they also provides support to establish the regulatory position which enables clinical trials with these agents.

#### **Here's What You Will Do:**

- Develop and execute pathology sciences laboratory practices to support the platform and cross-functional 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 pharmaco- and toxicodynamic properties of this novel class of agents.
- Participate in developing 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 with or without Ph.D. in comparative pathology (ACVP board certification preferred), pharmacology and/or toxicology with 5 or more years spent overseeing all aspects of the Safety Assessment activities in pharmaceutical development. Strong consideration will be given to those with experience in the evaluation of nucleic acid-based and nanoparticle tox/path.
- 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.
- Strong investigative toxicologic/pathology skills to interpret chemical based toxicity and morphological/clinical pathology changes related to chemical exposures.
- Strong level of understanding and expertise in either one or more of the following: immunology, nanoparticle biology and pathology, the complement system
- Experience conducting outsourced GLP toxicology studies and interfacing with the scientific tox/path staffs at leading CRO's.
- Significant experience interpreting clinical pathology data from preclinical studies

- Skills in teamwork, communication, detail orientation, independence, results orientation, multi-tasking and sense of urgency

**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)

*Candidates should be aware that Moderna currently maintains a policy requiring all US-based employees to be fully vaccinated against COVID-19 and receive a booster shot once eligible. Newly hired employees must be vaccinated and boosted prior to their employment start date. Moderna is an equal opportunity employer and will provide a reasonable accommodation to those unable to be vaccinated or receive a booster where it is not an undue hardship to the company to do so as provided under federal, state, and local law.*

**About Moderna**

In 10 years since its inception, Moderna has transformed from a science research-stage company advancing programs in the field of messenger RNA (mRNA), to an enterprise with 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. Moderna has been named a top biopharmaceutical employer by *Science* for the past seven years. To learn more, visit [www.modernatx.com](http://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.*

Direct any inquiries to [MaryBeth.Blanchard@ModernaTX.com](mailto:MaryBeth.Blanchard@ModernaTX.com)

Apply here: [https://modernatx.wd1.myworkdayjobs.com/en-US/ModernaTX/job/Cambridge-Massachusetts/Associate-Scientific-Director--Pathology\\_R6828](https://modernatx.wd1.myworkdayjobs.com/en-US/ModernaTX/job/Cambridge-Massachusetts/Associate-Scientific-Director--Pathology_R6828)