

# Associate Scientist, Bioanalytics BD&PK

at Intellia Therapeutics, Inc

Cambridge, MA

## COMPANY:

Intellia is developing therapeutic products to help people with genetic diseases. We apply CRISPR/Cas9 genome editing and gene therapy technologies to edit and restore genes to their normal, healthy sequence. We are a dedicated team driven to change patients' lives. As we build our team, we're excited to work with people who share our commitment and energy to making a difference.

## SUMMARY:

Intellia is seeking a highly skilled and motivated bioanalytical scientist to join our team. The primary responsibilities for this position will be to execute pre-developed LC-MS -based bioanalytical methodologies to monitor and quantify CRISPR/Cas9 based therapeutics in blood and tissue-derived biological samples. This position will work closely with formulation and delivery scientists on analytical method development and perform the analysis of complex samples comprised of proteins, nucleic acid, lipid nanoparticles (LNP) and/or viral material. Furthermore, the candidate will be actively involved in the execution of the bioanalytical aspects of PK/PD studies, resulting in a variety of specimen for analysis of test article(s) and biomarkers. Specifically, this includes quantitation of oligonucleotides of various sizes by LC-MS/MS and the absolute quantitation of edited protein levels including mutations by LC-MS/MS from pre-developed methods. The work will be done independently or in collaboration with colleagues in the in vivo pharmacology group, the formulations group, the RNA synthesis group and the analytical development group.

## GENERAL RESPONSIBILITIES:

- Conduct sample analysis and data review in support of pharmacology, BDPK and toxicology studies.
- Carry out various in-house bioanalytical assays to track and quantify CRISPR/Cas9 based therapeutics using blood and tissue-derived biological samples.
- Execute developed novel mass-spec based assays for the detection of large mRNA and their metabolites or degradation products
- Execute assays for the characterization and quantitation of markers and surrogates for delivery efficiency and efficacy of CRISPR/Cas9 therapeutic candidates
- Compile assay qualification and bioanalytical reports.
- Conduct experiments, independently and in collaboration with colleagues in support of project goals.
- Communicate research and development findings with internal and external partners.
- Review and ensure the quality of scientific data to meet regulatory expectations.

## REQUIRED SKILLS:

- Knowledge of analytical separation techniques (liquid chromatography) and analytical detection methods. Must have hands on experience with Mass Spec.
- Experience in running complex assays on a routine basis.
- Ability to work with blood and tissue-borne biological samples
- Experience with quantitation of one or more of the following: small molecules, oligonucleotides and peptides.

- Familiarity with IND filing and regulatory guidance a plus.
- Exceptional lab skills, in depth knowledge of mass spectrometry, and communication skills (both written and oral) coupled with a strong attention to details.

**QUALIFICATIONS:**

- Bachelor's Degree in Chemistry or Biochemistry with 2-5 years of industry experience –OR–
- Master's Degree in Chemistry or Biochemistry with at least 0-2 years of industry experience

**COMPETENCIES:**

- Attention to details
- Ability to deliver high quality work in a fast-paced environment
- Enthusiasm for learning
- Exceptional time management
- Effective communication skills (both written and oral)
- Ability to work independently and collaboratively

**POSITION: Full-Time, Exempt**

**Location: Cambridge, MA**

**EEOC Statement:** Intellia believes in a diverse environment, and is committed to equal employment opportunity for all its employees and qualified applicants. We do not discriminate in recruitment, hiring, training, promotion or any other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, marital or veteran status, disability, or any other legally protected status. Intellia will make reasonable accommodations for qualified individuals with known disabilities, in accordance with applicable law.

**If interested Apply Here.**

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