



LODO THERAPEUTICS

**Lodo Therapeutics Corporation**  
New York, NY

**Scientist, Natural Product Chemist**

Lodo Therapeutics is a drug discovery and development company focused on the creation of novel therapeutics derived from nature that will impact patients around the world. Lodo seeks to work in partnership with global pharmaceutical companies and world leading non-governmental organizations (NGO's) to tackle some of the greatest challenges in human health: drug-resistant microbial infections and cancers.

**Lodo Therapeutics is seeking an independent, flexible and high-energy natural product chemist with expertise in the isolation and characterization of bioactive compounds from bacteria (ideally Streptomyces) to join our drug discovery team at our laboratories in the Alexandria Center, New York City.** The incumbent, in collaboration with a fast-paced discovery team of bioinformaticians, molecular/synthetic biologists and biochemists, will isolate, purify, characterize and determine the chemical structure of novel secondary metabolites from the microbial metagenome.

**RESPONSIBILITIES:**

- Drive platform technology development projects for the high-throughput isolation, separation, purification and structural analysis of targeted compounds from various microbial sources
- Maintain broad knowledge of state-of-the art technologies and current scientific literature in field
- Requires significant laboratory effort

**EDUCATION AND EXPERIENCE PREFERENCES:**

- Ph.D. in organic chemistry, natural products chemistry, or related fields with experience in isolation, purification and structure elucidation of compounds
- Post-doctoral or biopharmaceutical industry research experience
- Extraction and fractionation of compounds through chemical partitioning or chromatographic methods
- Perform bioassays with extract fractions to isolate and identify active compounds.
- Experience with structural techniques such as 1D, 2D NMR, UV and MS spectroscopy.
- Develop analytical methods such as HPLC, LCMS and GCMS.
- Self-motivated and passionate about your work
- Ability to navigate and be successful in a fast-paced, highly interactive and collaborative work environment

Lodo Therapeutics identifies and produces bioactive natural products directly from the microbial DNA sequence information contained in soil. Information encoded in bacterial genomes, not experimental serendipity, drives our discovery of new medicines. Not constrained by traditional culture-based approaches to natural products drug discovery, Lodo Therapeutics has unlocked a vast trove of overlooked compounds evolutionarily selected for processes essential for life. For information, visit our website and recent C&EN article: <https://cen.acs.org/articles/94/i43/Lodo-Therapeutics.html>

Please submit a copy of your CV to [careers@lodotherapeutics.com](mailto:careers@lodotherapeutics.com)

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