

RESEARCH ASSOCIATE

Company Overview

Vedanta is pioneering the development of a new class of therapies that act by modulating the human microbiome. Modulation of the human microbiota holds enormous promise to treat a broad range of immune, infectious, and metabolic diseases in ways that are completely different from existing drug classes. Breakthrough discoveries of our scientific team in the field of mucosal immunology have led to the first rationally designed drug candidates in the microbiome field. Vedanta was founded by PureTech Ventures and a team of world renowned experts in immunology and microbiology.

Position Description and Specific Responsibilities

The Research Associate will conduct studies in the microbiology laboratory to bolster the research and development unit of Vedanta Biosciences. The principal activities of this role will be to discover and characterize organisms from the human microbiome and the development and execution of assays to enhance microbial characterization using high-throughput technologies. Additionally, the RA will support bacterial and cell culture maintenance, organization of tissue banks, management of media supply chain, execution of experiments involving PCR, DNA sequencing, ELISA, animal models of disease, as well as procurement and inventory. The Research Associate will also be expected to support general laboratory operations.

Qualifications

- BS required; Master's degree preferred. Educational emphasis in microbiology, immunology, or molecular biology preferred.
- >3 years of full-time post-graduate experience in a biological sciences laboratory with a focus on microbiology required.
- Highly motivated and organized individual. Must be a team player, able to work well in a group setting as well as independently in a fast paced environment.
- Previous research experience and mastery of basic techniques in molecular microbiology (aseptic technique, nucleic acid purification/detection, PCR, bacterial transformation, primer design) and cell culture applications required.
- Applicants with experience in industry and high-throughput applications preferred.
- Experience with anaerobic microbiology preferred but not required.
- General understanding of the microbiome is preferred but not required.