



## SCIENTIST, MICROBIOLOGY

### 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 to 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 / Responsibilities

Vedanta is looking for a talented microbiologist to translate discoveries in microbiology and mucosal immunology into new treatments for a range of immune and infectious diseases. The candidate will design studies to establish the role of the microbiome in immune-mediated and infectious diseases, isolate and cultivate bacteria, characterize bacteria and their bioactive products, develop bacterial assays and in vivo assays to evaluate molecular and cellular pathways of host-microbe interactions, validate novel targets for intervention, and design studies to assess the efficacy of drug candidates. The job title and level will be corresponding to education level, work experience, and skills of the selected candidate.

### Qualifications

- PhD, MD, or MD/PhD in microbiology, microbial genetics, or related area, with a focus on microbiome studies.
- Research experience in isolation, cultivation, and characterization of anaerobic bacteria, microbiological assay development, molecular phylogenetic techniques, molecular biology techniques, design of assays to study host-bacteria interactions, complex microbial communities, and use of DNA sequencing and bioinformatic analysis tools.
- Entrepreneurial and self-motivated work style
- Strong publication record

Please send your resume and cover letter to [info@vedantabio.com](mailto:info@vedantabio.com). All other questions or inquiries should also be directed to the same email address.