

Job Description: Microbiome Research Technician

About Artizan Biosciences: The mission of Artizan Biosciences is the creation of novel therapeutics to ameliorate diseases stemming from microbial imbalance. The company leverages a mechanistic understanding of how bacteria impact diseases and will translate these insights into commercial products. Artizan Biosciences was founded by two Yale immunologists and is located on the Yale University Medical campus.

ABOUT THE POSITION: We are seeking a full-time Research Technician to conduct research into how the human gut microbiome influences inflammatory bowel disease. The position entails working with a small and dedicated group of experts in the fields of immunology and microbiome studies to develop novel therapeutics. The successful candidate will have relevant educational and practical experience, and will actively participate in the laboratory's important research. In addition to versatility within the laboratory setting, this role requires a high level of self-motivation and an ability to quickly gain new skills. The candidate must be capable of working independently as well as in a team environment.

KEY RESPONSIBILITIES

- Identify immunologically distinct subsets of bacterial populations from human samples.
- Culture and isolation of pure bacterial species
- Interact productively with lab members towards a common goal in which everyone's contributions are acknowledged and valued.
- Conduct laboratory work and documentation according to SOPs.
- Maintain proper records in accordance with SOPs and policies.
- Troubleshoot and complete routine procedures independently and efficiently.
- Comply with applicable regulations, performing all work in a safe manner.

REQUIRED SKILLS

- Bacterial culturing with basic sterile techniques.
- Standard molecular biology procedures, cloning, PCR, gel electrophoresis.
- Excellent research record-keeping practices.
- Flexibility to learn and adapt to new procedures.
- Ability to operate instruments and scientific equipment.

IDEAL SKILLS and PREVIOUS EXPERIENCE

- Microbiology
- Basic mouse procedures such as handling and dissection
- Flow cytometry
- Immunobiology
- Inflammatory Bowel Disease biology

MINIMUM QUALIFICATIONS

- Bachelor's degree in biological sciences or related subject.
- 1 to 3 years' research experience in molecular biology related field.
- Excellent organizational skills.
- Proven ability to perform basic molecular biology laboratory techniques.
- Manual dexterity.
- Other means of acquiring the necessary knowledge and experience may be evaluated on a case-by-case basis.

CONTACT:

Interested applicants should send resume/CV to: whitman.schofield@artizanbiosciences.com