

Job Description

TITLE: Scientist III – Biochemistry and Microbiology

DEPARTMENT: Research and Development

REPORTS TO: Chief Science Officer

JOB SUMMARY:

A hands-on experimentalist involved in the research to generate data to support the commercialization of the TangenDx platform technology and associated assay development, primarily through cellular and protein research.

GENERAL DESCRIPTION:

Key Responsibilities

- Culture, quantify, and manipulate bacterial and fungal cells for detection on the TangenDx instrument.
- Develop protocols for the inclusion of protein reagents in the Tangen assay.
- Work with Engineering and Manufacturing to generate data for instrument and kit development;
- Testing, development and optimization of new and existing assays;
- Adhere to requirements for data presentation, reporting and documentation;
- Assisting in the collection of clinical study data at Tangen.

Job Requirements

- Proficient in aseptic technique and bacterial and fungal cell culture.
- Knowledgeable in protein biochemistry and practical applications.
- Strong quantitative reasoning skills;
- Strong organization skills, problem-solving, and documentation compliance with a high level of attention to detail;
- Excellent oral and written communication skills.

Experience and Education:

- Advanced Science degree (MS, or Ph.D.) in Biology in Bioengineering or Biotechnology related field;
- A minimum of 3 years post-baccalaureate laboratory experience in a research and/or industry environment;
- Experience in nucleic acid amplification technologies and novel assay development.
- Experience in cell culturing techniques.