



**Job Description Title:      Laboratory Technologist**

***Department***                                  *Biology Research & Development*

***Reporting to***                                    *Lead Scientist*

***Apply To***                                        *<https://www.qcd-x.com/>*

### **On QCDx**

Precision cancer medicine depends on early cancer diagnosis, monitoring of treatment efficacy and surveillance for disease recurrence. QCDx LLC is an early-stage company who developed the RareScope™ instrument for precise detection and characterization of rare cells in bodily fluids. It detects different phenotypes of live circulating tumor cells (CTCs) and isolates CTCs for single-cell, molecular analysis from an immobilized cell suspension. It is also designed to allow perfusion with media containing bioactive substances (including drugs) with longitudinal visualization, to assess effects on target cells. The fully automated CTC liquid biopsy will deliver high throughput and assist the clinical oncologist in offering precision treatment that will improve both clinical outcomes and the patient's quality of life.

### **JOB SUMMARY**

The Laboratory Technologist is involved with all wet-lab techniques and microscopy of all specimen types related to the development, testing, and support of QCDx cell and molecular assays for RareScope™ microscopy. Additionally, to execute bodily sample including blood analysis protocols in ongoing clinical studies.

This is a flexible, part time job opportunity with option to become full time.

### **ESSENTIAL JOB FUNCTIONS AND RESPONSIBILITIES**

- Maintain neat and accurate records of all work done and all products received into the QCDx wet lab, according to the QCDx Quality Management System.
- Participate in lab meetings and laboratory procedure design protocols and training as required.
- Display critical thinking for optimization of cell preparation and staining protocols.
- Make sample preparations according to for daily protocols.
- Immunostain and/or FISH sample preparations for microscopic evaluation.
- Perform general laboratory maintenance including preparation of solutions and tissue culture media.
- Maintain cell culture lines.
- Conduct routine microscopic examination of patient and cell culture specimens using epifluorescence microscopy and generate data for analysis.
- Analyze RarePrep scan results using appropriate software (after training)



- Participate in the Company quality assurance program, perform and document quality control procedures
- Order, inventory, and stock laboratory supplies.
- Maintain neat working areas

## **EDUCATION AND EXPERIENCE**

**EDUCATION:** Bachelor's degree in molecular biology, molecular cytogenetics, cell biology, immunocytochemistry or a closely related field.

**EXPERIENCE:** Three years' additional related laboratory experience and/or training in the life sciences. Prior experience with fluorescence/immunofluorescence based technologies is desirable.

## **JOB KNOWLEDGE, SKILLS AND ABILITIES**

Knowledge of modern clinical laboratory analysis techniques of chemistry, biochemistry, immunology, microbiology and related laboratory specialties; of clinical laboratory terminology; of recent developments in clinical laboratory techniques; and of the hazards of laboratory activities and safety procedures. Ability is required to conduct and interpret laboratory tests, to organize, analyze and evaluate tests in terms of laboratory controls and methods; and to establish and maintain effective working relationships with others.

## **SUPERVISORY RESPONSIBILITIES**

May lead, mentor an employee or student intern

## **TRAINING REQUIREMENTS**

1. General Safety
2. Quality System and Design Controls Training
3. Sexual Harassment
4. Employee Management