



# ChromoLogic

## ABOUT US

Our mission is to incubate and commercialize disruptive solutions in medical, aerospace and security markets. At ChromoLogic, we bring together the brightest minds from every engineering and scientific discipline.

## WHY CHROMOLOGIC?

- Mentorship
- Creative Freedom
- Work with Various Technologies
- Opportunity to Work with a Diverse Team of Scientists, Developers, Engineers, etc.
- Opportunity to Work On Meaningful & Exciting Projects



# WE ARE HIRING!

## Scientist – Molecular and Cellular Biology

**Position Overview:** ChromoLogic is actively engaged in multiple cutting-edge biomedical research and development programs and is in need of a research scientist. The ideal candidate will have a strong background in molecular biology, and systems biology, to help direct the design and development of diagnostic instrumentation for novel medical applications. In particular, NextGen Sequencing (NGS), basic bioinformatics of miRNAs and gene pathway analysis. The candidate will demonstrate independence in the design and execution of experiments and is expected to lead on-going programs as well as develop new ones. The candidate must be self-motivated, have strong organizational skills and be able to work in a fast-paced interdisciplinary environment.

### Key Responsibilities:

- Drive the design, optimization, and validation of genomic, molecular and cellular pathway for point of care diagnostic application.
- Develop strategies for follow-up target validation experiments, collaborating with bioinformaticians, molecular biologists, biotechnologists, and clinician-scientists on the teams.
- Collaborate with internal and external teams to advance current research portfolios.
- Develop new programs through grant funding mechanism
- Prepare technical documents, including publications, patents, proposals, SOPs, technical reports and other relevant documentation.

### What We Offer:

- Competitive salary and benefits package.
- Opportunities for professional growth and development.
- A collaborative and inclusive work culture.
- The chance to work on cutting-edge technology projects that make a real-world impact.

### Qualifications:

- A PhD in molecular biology or cellular biology or equivalent with 0-3+ years of postdoctoral or industrial experience.
- Proven experience in molecular biology techniques including genomic DNA and RNA isolation, qPCR, ddPCR, RT-PCR and metagenomic analysis.
- Broad laboratory experience and skills in cell biology techniques and cell-based assays (including transfection, viral transduction, flow cytometry, and cell-based assay development)
- The preferred candidate will also have experience with 3D cell culture, organoid models and organ-on-chip technologies.
- Successfully demonstrated ability to work independently and lead others in designing and developing experiments, analyzing and interpreting data in a rigorous way
- A commitment to and demonstrated ability to perform collaborative research in an interdisciplinary team environment
- Excellent organizational skills and should be able to communicate clearly and concisely, both verbally and in the form of written reports and proposals
- US Citizen or US Permanent Resident due to government contract requirements

SAVING LIVES AND MAKING THE WORLD SECURE



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