

Job Description - **Research Associate**



Humane Genomics, New York

Humane Genomics is a fast-growing biotech company working at the interface of synthetic biology, genome engineering, and virology. We are developing a platform to efficiently engineer artificial viruses as cancer therapies with unprecedented selectivity. We are based in New York City and backed by amazing investors.

About the role

Your role will hold a variety of responsibilities including genome engineering, bacterial culture, cell culture, PCR and sequencing to name a few. You will do the hands on work and complete the follow up analysis and present results in weekly meetings. You will work closely with our Lead Scientist in developing new protocols and establishing lab organization.

Responsibilities

- Efficiently maintain cell lines for research projects and biomanufacturing.
- Independently execute R&D projects. This includes developing the work plan, completing the tasks, collecting and analyzing the data and presenting the findings.
- Support the engineering of synthetic viruses as precision cancer therapies through transfection, amplification and validation (PCR and NGS).
- Improve our knowledge of cancer cells by conducting qPCR, flow cytometry, live-cell imaging, and more.
- Maintain inventory and catalog new items to determine usage.
- Perform routine technical tasks and assist in the general maintenance of the lab.

About you

- You have great communication skills.
- You are a great problem solver.
- You enjoy working in a fast-paced environment where results count, decisions are made on merit, and where everyone has fun.

Requirements

- Ideally you have a PhD in Biology, Biomedical Engineering or Biotechnology.
- 3+ years of experience in a laboratory or research setting.
- First-hand experience with cell culture and molecular biology techniques.
- Affinity for bioinformatics.
- Prior experience in synthetic biology or virology is a plus.