

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're developing a platform to rapidly engineer synthetic viruses as precision cancer therapies. Our technology also has strong potential to impact other biomedical applications, such as gene therapy, treating antibiotic-resistant bacteria, vaccine development, and more. We are based in New York City and backed by amazing investors.

About the role

You will characterize cancer cell lines and primary cells, design-build-test synthetic viruses, and conduct bench- and pilot-scale manufacturing of promising oncolytic virotherapies for *in vivo* studies. Among the first to join the team, you will work closely with our Chief Science Officer in developing new protocols and establishing lab organization.

Responsibilities

- Advance our understanding of cancer cells by conducting PCR, flow cytometry, live-cell imaging, and more.
- Optimize the efficiency and the speed of our bench- and pilot-scale manufacturing of oncolytic virotherapies.
- Efficiently maintain cell lines for research projects and biomanufacturing.
- Support the design and engineering of synthetic viruses as precision cancer therapies.
- Maintain accurate and detailed records of laboratory operations and experiments performed for data traceability and future basis to design batch records and SOP's to make the transition to GMP.
- Assist with the tracking and ordering of laboratory supplies.
- Perform routine technical tasks and assist in the general maintenance of the lab.

About you

- **Communication/Relationship with Others** - You cooperate, communicate, and relate well to the team of Humane Genomics. You listen carefully to others in order to respond appropriately, answer questions, or obtain needed information. You communicate ideas, problems, and suggestions in a timely and effective manner.
- **Judgment/Decision-Making** - You are able to recognize problems as they occur; and through the application of appropriate policy and procedure, determine and/or recommend the appropriate solution. You seek guidance as necessary for the performance of duties, ask appropriate questions when in doubt, and utilize reference sources/materials to ensure accuracy. You advise appropriate personnel of situations/problems requiring intervention or follow-up attention.
- **Environment/Work culture** - You enjoy working in a fast-paced environment where results count, decisions are made on merit, and where everyone has fun.

Requirements

- BS or MS in Biology, Biomedical Engineering, Biotechnology, or a related field.
- 3+ years of experience in a laboratory or research setting.
- First-hand experience with cell culture and molecular biology techniques.
- Effective oral and written communication skills.
- Strong computer skills, specifically Google Applications.
- Prior experience in virology and microscopy a plus.