



Posted on August 4, 2022

POSITION

Research Associate II or Senior Research Associate

Chameleon Biosciences is developing a next generation gene therapy platform producing AAV based products that are less immunogenic and more potent than current AAV. We looking for a motivated scientist to join a dynamic team! At Chameleon, we value independent and critical thinkers, a team-first mindset, and open communication. These qualities are essential for supporting our goal of making a difference in the lives of adults and children suffering from devastating diseases. This position is a great opportunity to learn about and contribute to cutting edge science in a fast-paced industry setting and contribute to the growth trajectory of an early stage start-up.

SUMMARY

The Research Associate will help advance Chameleon's pipeline by contributing to a wide range of research and process development activities, including EVADER (AAV + exosome) vector production, independently maintaining mammalian cell culture lines, in-vitro AAV expression studies, ddPCR analysis and western blots.. While this position will initially involve partnering with colleagues to provide technical assistance in support of group efforts, there is room to grow and advance into independent projects.

KEY RESPONSIBILITIES

- Support cell culture activities and perform cell culture experiments in multiple cell lines
- Perform cell culture in shake flasks, CellSTACKs and bioreactor bags using disposable technologies for various cell types for AAV + exosome vector production.
- Operate related equipment such as bioreactors, pumps, mixer, and AKTA.
- Knowledge of column purification of different particle sizes
- Perform ddPCR, sequencing, and reporter-based assays and screening in mammalian cell lines, tissue samples
- Support the management of lab inventory and equipment. Assist with ordering of lab supplies
- Participate in vector design, cloning, transfection, viral transduction, cell culturing and cell imaging.
- Maintain up-to-date knowledge of emerging technologies and scientific approaches in exosome science and gene therapy
- Proactively troubleshoot technical issues and recommend potential corrective actions based on personal observations and literature searches
- Prepare summaries of data and present internally to colleagues and management
- Draft SOPs, follow protocols, diligently document experimental data in lab notebooks, be organized and maintain electronic work records
- Author scientific reports and data summaries

- Conduct assays and experiments using flow cytometry, PCR, cell-based assays/bioassay development, and ELISA techniques
- Process tissues for RNA and DNA extraction
- Collaborate with cross functional teams to meet project goals, and advance novel vectors into pipeline

PROFESSIONAL EXPERIENCE / QUALIFICATIONS

- Bachelor of Science in the life sciences with 3+ years of laboratory research experience. Prior industry experience is a plus. A Master's degree is a plus.
- Experience with basic molecular biology (molecular cloning, qPCR and ddPCR) and biochemistry assays (enzyme-linked immunosorbent assays, western blot, etc.).
- Suspension and adherent cell culture maintenance, transduction, transfection, cell-based assays.
- Experience with gene therapy viral vector production platforms is strongly preferred.
- Experience with exosome biology and production is a plus, candidates with exosome experience are highly desirable.
- Proficient with and passionate about Good Laboratory Practices. Exposure to a process development environment is a plus.
- Good aseptic technique
- Demonstrated ability in keeping organized data and notes and ability to produce reports for team discussions.
- Direct experience with AAV viral gene therapy in preclinical research is preferred
- Lentiviral experience is a plus
- Immunology background is a plus

JOB TYPE

Full-Time on location

HOW TO APPLY

Please send a cover letter (required) and your resume or linkedin profile to info@chameleonbiosci.com.

Chameleon Biosciences is a talented team of dedicated professionals working together to save the lives of people with genetic diseases. We are always glad to be introduced to biotech talent.

Chameleon Biosciences is committed to equal opportunities for all employees and we comply with all federal, state and local legislation regulating affirmative action and equal opportunity. Chameleon policy prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity or expression, national origin or ancestry, age, disability, marital status and veteran status.