CHAMELEON BIOSCIENCES INC.

*posted on March 29, 2021*

## POSITION

# Senior Scientist/Associate Director - Bioanalytics

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 are looking for a motivated scientist to join an experienced and high caliber 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.

## SUMMARY

The Senior Scientist will be expected to make essential contributions to the advancement Chameleon's pipeline of next generations gene therapies. As a key member of a small, innovative team, the Senior Scientist will be responsible for designing, implementing and troubleshooting analytical assays for Chameleon's EVADER platform and products. This role allows for creativity, innovation and the opportunity to develop novel processes. As Chameleon grows and our products advance, this contributor will be an indispensable subject matter expert for the understanding of product behavior throughout the process development and the manufacturing process.

## KEY RESPONSIBILITIES

- The development, optimization, and implementation of analytical methods for the characterization, release, and stability testing of Chameleon's EVADER gene therapy products. This includes methods for AAV, immunology and exosomes/extracellular vesicles.
- Provide protein based and AAV bioanalytics including Western Blot, ELISA (immunoassay development, IVIG antibody assays, as well as familiarity with various detection techniques such as fluorescence, luminescence, ECL, etc.
- Develop new high throughput cellular assays as well as incorporate improvements to existing assays from proof of concept into standardized workflows
- Support team in developing and incorporating T & B cell activation assays as part of product characterization
- Support team in incorporating extracellular vesicles characterization assays (e.g. Particle counting via Exoview, Exoid, Nanosight and DLS).

- Lead in-house efforts in bioanalysis of in vivo models as well as providing expert communications with external bioanalytical partners.
- Assist colleagues in experiments and general lab management
- Maintain thorough and well-organized experimental records
- Train other lab members/team on newly developed methods
- Prepare detailed protocols and draft technical and regulatory documents
- Compile, analyze and communicate data, outcomes and conclusions to project teams to enable decision making
- Author scientific reports and data summaries for regulatory filings and manuscripts

## PROFESSIONAL EXPERIENCE / QUALIFICATIONS

- Ph.D. in a biological science discipline, 6+ years of experience in the biotechnology or pharma industry with a primary focus on analytical methodology for gene therapy or extracellular vesicle products.
- A Master's degree with 10+ years of industry experience will be considered
- Strong understanding of AAV biology required
- Strong track record for developing robust assays
- Advanced problem solving and data analysis skills.
- Demonstrated excellence in small team environments, including a "no task is too small" attitude when needs arise
- Demonstrated agility in fast based R&D environments, able to navigate rapidly changing priorities with an enthusiastic and professional attitude
- In-depth knowledge in AAV/Lentivirus gene therapy is required.
- Immunology background is a plus
- Experience with exosome biology and production is a plus, candidates with exosome experience are highly desirable and will receive priority.
- Knowledge of industry and regulatory standards for quantitative measurements.
- Experience with data analysis and statistical software, including GraphPad Prism, FlowJo, JMP, etc.
- Prior history in compiling and analyzing data and generating reports which are routinely presented to project teams and executive management to enable decision making. Experience in writing for regulatory filings is a plus.
- Success in transfer of validated methodologies to partners and CDMOS manufacturing consistent with project timelines
- Advanced mammalian cell culture experience

- Hands-on experience in upstream and downstream process development and viral vector production is a plus
- Detail oriented, outstanding organizational skills, excellent written and oral communication skills

## 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. Though we currently have no other openings, we expect to be adding staff soon and 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.*