CHAMELEON BIOSCIENCES INC.

*Posted on September 27, 2022*

**POSITION:**

# Scientist I, Bioanalytical

## ABOUT US:

Chameleon Biosciences is developing 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.

## ROLE DESCRIPTION:

The Scientist I, Bioanalytical will be expected to make essential contributions to the advancement of Chameleon's pipeline of next generations gene therapies. As a key member of a small, innovative team, the Scientist I will be responsible for running a multitude of samples as well as 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:

- Participating on in-house efforts in bioanalysis of in vivo models as well as providing expert communications with external bioanalytical partners.
- Developing, optimizing, and implementing 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.
- Running protein based and AAV bioanalytics including Western Blot, ELISA, IVIG antibody assays, ddPCR as well as gaining familiarity with various detection techniques such as fluorescence, luminescence, ECL, etc.
- Developing new high throughput cellular assays as well as incorporating improvements to existing assays from proof of concept into standardized workflows.
- Supporting the team in incorporating extracellular vesicles characterization assays (e.g. Particle counting via Exoview, Exoid, Nanosight and DLS).
- Assisting colleagues in experiments and general lab management pertaining to process development and production.
- Maintaining thorough and well-organized experimental records on Benchling.
- Training other lab members/teammates on newly developed methods.
- Preparing detailed protocols and drafting technical and regulatory documents.
- Compiling, analyzing, and communicating data, outcomes, and conclusions to project teams to enable decision making.
- Authoring scientific reports and data summaries for regulatory filings and manuscripts.

**PROFESSIONAL EXPERIENCE / QUALIFICATIONS:**

- Advanced degree (Ph.D. or equivalent with 2+ years) in a science-related industry field (e.g., Biology, Chemistry, etc.). Undergraduate degree (B.S. or equivalent) with significant experience (10-15+ years) or an MS with 6+ years may substitute for an advanced degree.
- Strong understanding of AAV biology required.
- Strong track record for developing and running 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 paced R&D environments, able to navigate rapidly changing priorities with an enthusiastic and professional attitude.
- In-depth knowledge of AAV/Lentivirus gene therapy is required.
- Immunology background and FACS 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.
- Must be able to work onsite five days a week.

**BENEFITS:**

- Impact: Your work will have a direct, measurable impact on the lives of young children and their families who are impacted by genetic diseases.
- Connection: You will have direct access to our leadership team and the opportunity to present your work to them in our bi-monthly Lab Meetings.
- Camaraderie: You will be joining a team where mutual trust and friendship is valued as you work alongside pretty awesome people.
- Self care and work/ life balance: We invest in our colleagues providing health insurance (medical, dental, and vision), 401K, DTO (discretionary time off), and the option to invest in Chameleon
- Fun: You'll gain a unique experience in an exciting and innovative working environment.

**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.*