



## Job Details

### Senior Scientist, Biology (Neuroscience)

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**Job Code #:** 23BIO-2SS  
**Status:** Exempt, Full Time  
**Reports to:** Head of Biology  
**Department:** Biology  
**Contact:** careers@actiobio.com

#### **About Us!**

Actio Biosciences, Inc., is a drug discovery and development company grounded in the science of precision medicine. Actio is developing a portfolio of drugs to modulate the activity of proteins responsible for rare diseases with the goal to also translate these findings into treatments for common diseases with shared underlying biology. Actio has built an integrated discovery engine with deep human genetics, bioinformatics, and drug discovery expertise. Actio was founded in October 2021, and is funded by EcoR1, Droia, and Deerfield Management.

Join the experience of the early stages of innovation and tremendous growth opportunities from learning and working in biotech while contributing to groundbreaking scientific progress that can improve the lives of people living with disease worldwide and for generations to come. At Actio, our employees are passionate about our work and believe in the power of teamwork, collaboration, and mutual respect for every individual, every perspective, every day.

#### **About You!**

We have an opening for a highly experienced, energetic, and innovative Senior Scientist, Neuroscience to support the discovery and development of small molecules for the treatment of rare diseases in San Diego, CA. In this role, you will be able to design and troubleshoot in vitro assays for pathogenic mutations causing CNS diseases, interpret complex functional effects of disease-causing mutations in CNS genes, design and interpret novel in vivo models for CNS targets, and direct the evaluation of Actio therapeutics in those models. This is a unique opportunity to deeply characterize the molecular biology of rare neuronal diseases and translate these novel findings into the selection of additional diseases of the brain. This position requires a strong neuroscience and pharmacology background and experience coordinating activities as a member of a multi-functional drug development team. You will also be focused on the evaluation and validation of novel targets.

#### **You will be responsible for:**

- Contributing to a work environment that fosters support, collaboration, professionalism, mutual respect, and focus on unmet patient needs
- Designing and executing in vitro and in vivo pharmacology studies to facilitate drug discovery
- Developing in vitro/ex-vivo assays to support drug development programs
- Performing target assessment, validation and developing programs towards clinical candidate nomination
- Maintaining a high level of productivity and independence in the lab and performing critical experiments

- Presenting research findings to project teams and governance bodies and preparing study reports
- May mentor/supervise research associates and guide the performance of those individuals; is accountable for the effective performance of the team/individuals
- May coordinate the activities of a multi-functional drug development team; is responsible for the milestone achievement of the drug development program
- Performing complex in vitro studies relating to understanding the activity of proteins
- Working closely with the Biology, Bioinformatics, and Chemistry Teams in the new target evaluation process, through completion of target validation studies, including pharmacological and genetic inhibition of targets of interest
- Communicating data to multidisciplinary teams verbally and through written documentation
- Preparing various technical reports

**You have the following skills and qualifications:**

- PhD in Neuroscience, Pharmacology, Cellular or Molecular Biology, or a related life sciences field plus a minimum of 5 years of experience postgraduate experience in the pharmaceutical or biotechnology industry
- Familiarity with neuronal small molecule target classes including GPCRs and ion channels.
- Deep understanding of ion channel pharmacology and relevant techniques, including electrophysiology
- Direct experience in assay development, generating differentiating SAR data, and preclinical model design
- Strong hands-on laboratory and organizational experience
- Outstanding aptitude for experimental design, troubleshooting and execution
- Excellent verbal and written communication skills
- Experience with mentorship/supervision of associate level researchers
- Experience with high-throughput screening a plus
- Self-motivated and detail-oriented person

**Why Actio?**

The work culture at Actio fully embraces teamwork, collaboration and mutual respect. We believe that our employees are our greatest asset and we strive to create an inclusive and empowering environment where everyone feels valued and respected for who they are. We encourage our employees to bring their unique perspectives and experiences to the table and we believe that this diversity is what makes us stronger as a team. We invest in supporting our employees to succeed both at work and at home, and we believe that a good work-life balance is essential for everyone's well-being. If you thrive in an environment where you are inspired by others and empowered to participate to your fullest potential alongside highly talented and kind human beings - - Actio is the place for you!

We are committed to ensuring all employees, both current and future, receive fair and equitable pay. Base pay is one component of the total compensation package, and is determined within a range according to role, level, and location. This provides the opportunity for growth as you gain experience and develop within a role, while also allowing for differentiation based on performance. The base pay range for this role is between **\$123,000 and \$151,000** and reflects our good faith estimate of the minimum and maximum target for the position as of the date of posting and may be modified in the future. The final base pay within the range will be determined by work location and additional factors, including job-related skills, experience, relevant education or training, and market demand for your expertise.

Benefits programs offered include:

- Medical, dental and vision insurance (employee premiums covered by Actio at 90-100%)

- Health Savings Account with a rich employer contribution
- Mental health and wellness benefits
- 401k plan participation
- Equity Incentive Plan participation (stock options)
- Life/AD&D Insurance (premiums covered by Actio at 100%)
- Weeklong winter holiday shutdown
- Generous paid time off and holiday policies
- Parental, caregiving and various leaves programs
- Flexible and dynamic work environment where unique strengths of employees at all levels are cultivated
- Regular company events and opportunities to participate in team-building gatherings and activities designed to foster open communication and engagement

Details of participation in these benefit plans will be provided with an employment offer. Actio benefits and compensation programs are subject to eligibility requirements and other terms of the applicable plan or program.

Actio is committed to building a diverse workforce and providing equal employment opportunities to all employees and applicants for employment. We prohibit discrimination and harassment of any kind based on race, color, sex, religion, sexual orientation, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by federal, state, or local laws.

The above is intended to describe the general content of, and requirements to perform this job. It is not to be construed as an exhaustive statement of duties, responsibilities, or requirements.

To apply, please send your CV/resume and cover letter by email to: [careers@actio.bio](mailto:careers@actio.bio), and reference **Job Code #: 23BIO-2SS** in the subject field.