

Lead Scientist / Platform Head

Barcelona, Spain

Full-Time / On-Site

Starting date: September 2024

Who We Are

ALLOX is a spin-off of the Centre for Genomic Regulation (CRG) and draws on the expertise and technology developed in the lab of Ben Lehner. The company was born out of the realisation that combining systematic mutagenesis, high-throughput phenotyping and biophysical modelling has the potential to revolutionise drug development but also transform biotechnology in general. We are currently incubating in the beautiful beachfront setting of the Barcelona Biomedical Research Park (PRBB), and our immediate goal is to identify allosteric switches in all proteins and then leverage this unprecedented resource to rapidly develop novel medicines to treat human diseases. Our long-term vision is to become a leader in programmable biology, building the next generation of tools to predict, design and engineer new protein functions. We believe in a future where humanity will be able to harness the power of biology to solve our most pressing issues. We are expanding our interdisciplinary team with highly motivated individuals who are excited by this bold vision, share our sense of urgency, but are not willing to compromise on integrity. At ALLOX the success of our revolutionary scientific approach is as important to us as our mission to create a healthy, honest and respectful culture, both internally and with our partners.

For additional information, please visit: <https://www.allox.bio/>

Who You Are

ALLOX is seeking a highly motivated and adaptable individual to join our dynamic team as a **Lead Scientist**. In this pivotal role, you will contribute to ALLOX's allosteric and drug discovery platform across three key dimensions: (1) leading scientific efforts of the allosteric platform and mentoring the team of scientists involved, (2) driving platform innovation, and (3) bridging the gap between platform development and drug discovery programs. The ideal candidate will possess a hybrid skill set with extensive wet lab experience and strong computational proficiency, enabling them to actively participate in wet lab operations as well as analyse platform output to maximise throughput and efficiency. Regular communication and collaboration with the wet lab, computational, and leadership teams will be crucial, making this position ideal for an organised thinker, multitasker, problem-solver, and proactive team player. If you share our sense of urgency to bring novel and better drugs to meet unmet needs and thrive in a fast-paced, multidisciplinary environment, don't hesitate. Join ALLOX and help us make our mission a reality!

What You'll Do

Scientific Leadership

- Lead a team of experimental scientists in executing high-quality research and coordinate with the Lab Manager to oversee daily wet lab operations.
- Set clear scientific goals, timelines, and performance metrics for the allosteric platform.
- Analyse and troubleshoot issues related to platform performance, ensuring efficiency and high quality results.
- Motivate and mentor team members, fostering their scientific development and ensuring a pleasant working environment.

Technology Innovation

- Identify and propose novel strategies to improve existing platform capabilities.
- Lead the development and validation of new assays for the platform, expanding its application range.
- Champion continuous improvement through innovative approaches to experimental design and data analysis for increased throughput and cost-effectiveness.
- Stay informed about emerging technologies relevant to the platform and explore their potential integration.

Drug development

- Be involved in the decision making process of target selection, prioritisation of the platform and decide on candidates to follow-up for drug development.
- Support drug discovery programs with domain knowledge and liaise with external partners

Communication, Teamwork and Culture:

- Establish clear communication channels with the different working teams.
- Keep stakeholders informed about workload, progress, results, and innovations.
- Exemplify best practices and positive behaviours.
- Foster a productive and inclusive working environment.
- Participate in general company duties and contribute to overall success.

Job & Technical Competencies Requirements

Essential:

- **PhD** degree in Biology, Biochemistry, Biotechnology, Biological Engineering, or a related field.
- **10+ years** of full-time wet lab experience (industry or academia).
- Supervision and mentorship experience.
- Hands-on experience with **Deep Mutational Scanning** (DMS) or similar high-throughput multiplexed assays of variant effects.
- Extensive experience in **Molecular, Cell and Microbial biology** experimental techniques.
- Strong knowledge on **Structural biology** and **Biophysical assays**.
- Proficient **computational** skills.

- **Supervision** or mentoring experience.
- Strong **teamwork** and collaborative attitude.
- Adaptable, versatile and comfortable with **multitasking**.
- Strong **organisational** and record-keeping skills.
- Organised **thinker** with excellent **communication** skills, thriving in a multidisciplinary, fast-paced team environment.
- Fluent **English**.

Desirable:

- Supervision or lead role in a biotechnological platform.
- Experience with short and long read sequencing.
- Experience in an oncology drug development program.
- Fluent Spanish and/or Catalan.

Compensation & Benefits

To determine starting pay, we consider multiple job-related factors including a candidate's skills, education and experience, the level at which they are actually hired, market demand, business needs, and internal parity. We may also adjust this range in the future based on market data.

This role is eligible for participation in our Annual Performance Bonus Plan (based on company goals by role level and annual company performance) and all employees are offered Equity, subject to the terms of those plans and associated policies.

In addition, ALLOX also provides our employees:

- 25 days annual leave (excluding public holidays)
- Paid parental leave
- Free drinks, snacks and regular team meals

Let's make programmable biology a reality

The startup nature of ALLOX provides multiple growth opportunities into other areas of the company. As one of the early employees at ALLOX, your work will have a direct impact on the foundation of a groundbreaking new approach to biotechnology.

Application Process

To apply please submit your **CV** and a **cover letter**, summarising your suitability for the role and why you'd like to join our team, to careers@allox.bio

Closing date for applications is **July 31st, 2024**. We encourage applicants to submit their application at the earliest opportunity as the closing date may be brought forward if a high volume of applications are received.