

Research Associate

Barcelona, Spain

Full-Time / On-Site

Starting date: January 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 looking for a highly motivated and adaptable individual to join their growing team as a **Research Associate**. As a vital member of the experimental biology team, you will contribute to the development of a groundbreaking technological platform aimed at identifying novel allosteric sites in therapeutically relevant proteins. Specifically, you will conduct a variety of different experimental techniques, including molecular cloning and testing, site-directed mutagenesis, high-throughput screening, and sequencing library preparation, playing a key role in sustaining the production of the experimental allostery platform. The job involves regular communication and interaction with the computational team, requiring an organised thinker, problem-solver, and proactive team player. This position offers the opportunity to work in a multidisciplinary team on cutting-edge technologies at the intersection of molecular biology, high-throughput genomics, and protein engineering.

What You'll Do

- Spearhead the ongoing development and maintenance of the ALLOX experimental allostery platform.
- Work diligently to meet scientific deliverables and milestones within agreed-upon quality and timelines.
- Keep meticulous records of experimental procedures and results to ensure traceability and reproducibility.
- Proactively identify and address risks as they arise, implementing effective mitigation strategies.
- Establish clear and open communication channels with the line manager and project team members to keep stakeholders informed about workloads, issues, progress, results, innovations, and developments.
- Actively exemplify best practices and behaviours to foster a positive, productive, and inclusive working environment.
- Seek input and feedback from internal and external team members to understand their requirements and effectively prioritise workloads.
- Participate fully in the general duties of the company, contributing to its overall success.
- Share acquired skills and knowledge with other team members to enhance collective capabilities.

Job & Technical Competencies Requirements

Essential:

- Bachelor's or Master's degree in Biology, Biochemistry, Biotechnology, Biological Engineering, or a related field.
- 2+ years of full-time wet lab experience (industry or academia).
- Proficiency in standard molecular and cell biology techniques, including plasmid design, cloning, and PCR.
- Hands-on experience with microbiology, cell culture, and handling.
- Demonstrated ability to quickly learn new methods and approaches.
- Strong teamwork and collaborative attitude.
- Capacity to adjust rapidly to shifting priorities, delivering high-quality, detail-oriented results in a timely manner.
- Strong organisational and record-keeping skills.
- Organised thinker with excellent communication skills, thriving in a multidisciplinary, fast-paced team environment.
- Strong interest in data analysis and willingness to work closely with computational biologists in the team.
- Fluent English.

Desirable:

- Biotechnology industry experience.
- Experience with Illumina/PacBio library preparation.
- Experience with *Saccharomyces cerevisiae* handling and culture.

- Experience in the field of oncology.
- 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 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 **January 15, 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.