

## Position: Research Associate

### Our mission at kyron.bio

Kyron.bio is using a novel glycan engineering approach to **deliver better therapeutics** to those most in need. We engineer drugs by controlling the addition of glycans – essential sugar molecules found on the surface of drugs – to enhance drug specificity, activity, and longevity. We have developed a **proprietary technology to control the glycans** added to drugs and have a patent pending.

Kyron.bio is a **dynamic, international, early-stage startup** backed by Entrepreneur First, the world's leading talent investor, along with European and US investors. Kyron.bio has established collaborations with KOLs across the globe and is advised by leading professors in the field and a former Sanofi VP. Kyron.bio has recently won numerous prestigious research grants including the iLab Concours d'Innovation (BPI France), the Women TechEU (European Innovation Commission), and Innov'up Leader PIA (BPI France).

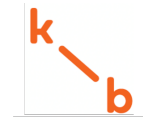
### What we're looking for from you

We are looking for an **entrepreneurial-minded Research Associate** to join our early-stage biotechnology company. You will work with our R&D team to explore the impact of our novel glycan-engineering technology on a range of cutting-edge therapeutic treatments. Additionally, you will **contribute to the next innovative phase** of our technology by carrying out in-depth reviews of the latest scientific literature and driving discussions with KOLs. The ideal candidate has a strong entrepreneurial spirit, a creative mind, and is prepared to go above and beyond the boundaries of a regular job. We have an exciting and dynamic work environment at kyron.bio and are looking for a team member that thrives outside of their comfort zone! You will join as a member of the founding team, representing a unique opportunity to make a real impact to the lives of patients.

### Your roles & responsibilities

You will work directly with the Senior Scientist in a dynamic role taking on various projects and tasks. The role involves a mixture of research and bench work. Your main functions will include:

- Producing and analyzing recombinant therapeutic proteins from our CHO cell panel
- Optimizing protein expression in our CHO cell lines, coordinating with third parties where required
- Quality reporting of cell banks
- Identifying collaborators and KOLs from scientific articles, conferences, and networking, and leading discussions with them
- Establishing and managing collaborations with academic groups



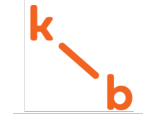
- Analyzing competitive landscapes, including patent literature
- Contributing to set up and development of in-house analytical studies
- Providing insights and recommendations for strategic decision making
- Supporting in expanding out our laboratory facilities at kyron.bio

### **Your skillset and application requirements**

- PhD in cell and molecular biology, biochemistry, biological engineering, or other life science discipline
- Experience in CHO cell line culture and development, which includes:
  - Vector design and cloning; Stable and transient transfections; Single cell clone selection (FACS or serial dilutions); Research Cell Banking (RCB) generation; Cell line stability assessment studies; Genetic characterization methods (qPCR, whole genome sequencing)
- Experience in recombinant monoclonal antibody production and purification, which includes:
  - Cell supernatant harvesting and clarifying; Titer measurements (ELISA/Octet); Antibody purification (affinity and gel filtration chromatography); Protein sample prep for downstream analysis (buffer exchange, concentrating); *in vitro* and cell-based activity assays (antigen binding, ADCC activity, etc.)
- Entrepreneurial mindset:
  - As an early-stage start-up, we need someone who can adapt quickly to shifting priorities, take initiative, and be proactive in contributing to the success of the team
- Fluency in English
- Excellent command of scientific literature and writing skills
- Ability to multitask and manage multiple projects simultaneously
- Exceptional organizational skills
- Ability to think in a creative manner to solve problems – a strong bias to action
- Able to work in a timely manner to meet tight deadlines
- Quick learner and eager to take on new tasks outside of comfort zone
- Great communication skills and open to both giving and receiving feedback
- A team player who is strongly invested in our mission at kyron.bio and is excited to get involved in all aspects of company building

### **Your bonus skills**

- Experience working in a pharmaceutical company or another startup is a huge bonus
- Knowledge in the field of N-glycosylation
- Molecular modeling experience
- Strong bioinformatics skills
- Successful grant writing



- Patent writing and/or landscaping
- Experience with Benchling, Miro, and Notion
- Fluency in French

### **What you can expect from us**

- Opportunity to be a member of the founding team of an innovative startup
- Work directly with the Senior Scientist in our dynamic R&D team in the center of Paris: our labs are based at the IPGG in Paris 5ème, right off Rue Mouffetard!
- Competitive research salary
- Employee first mentality. We will do everything we can for employee mental and physical health. Down time will be respected. Annual leave will be generous. Breaks are strongly encouraged. Rest is an essential component of productivity!
- The opportunity to help bring advanced drugs to the market, improving the lives of millions of people

### **Job practicalities**

- Full-time position
- In-person at our lab in Paris 5ème
- Start date of 1<sup>st</sup> of May 2024

Kyron.bio is committed to building a diverse and inclusive workplace. We welcome applications from people from all walks of life.

Interested?  
Please apply [here](#)