

SENIOR SCIENTIST/ PRINCIPAL SCIENTIST – IN VITRO BIOLOGY

THE COMPANY

Sitryx Therapeutics Limited is an immunometabolism company focused on applying breaking science relating to the manipulation of metabolism and metabolic reprogramming to develop disease modifying therapeutics targeting:

- Immuno-inflammation: switching immune cell activity from a pathogenic to a homeostatic state to treat inflammatory and autoimmune disorders
- Immuno-oncology: Modulating immune cell metabolic pathways to enhance anti-tumour immune responses

Sitryx recently signed an exclusive global licensing and research collaboration with Eli Lilly and Company to develop disease-modifying therapeutics. Sitryx received an upfront payment of \$50 million for this 5-year collaboration and will study up to four novel preclinical targets identified by Sitryx.

THE ROLE

We are seeking an experienced biologist with a strong background in in vitro assays to join our biology team at Sitryx. The successful candidate will develop in vitro assays to contribute to our understanding of target biology and the development of biological assay cascades that can be utilized to identify potential drug candidates. The position requires a creative and independent scientist to establish in vitro (plate-based) assays using a variety of biochemical and cellular techniques to interrogate the pharmacology of our drug candidates – exploring the mode of action, potency, efficacy and selectivity of our molecules. The successful candidate will work closely with in house biology and chemistry colleagues as well as our network of CROs and academic partners.

MAIN RESPONSIBILITIES

- Utilizing your strong pharmacological knowledge to develop quantitative biochemical or cell-based assays in plate-based formats to understand the molecular interactions and behaviour of our drug candidates.
- Independently identifying and developing innovative cell-free and cell-based in vitro screens for small molecule drug discovery, ensuring the most appropriate technologies are applied to generate confidence in the profile and translation through the testing cascade.
- Identifying and implementing new capabilities and technologies in pertinent state-of-the-art fields of immunology, to improve efficiency, cost and competitive advantage.
- Contributing to the design and implementation of innovative screening cascades for immunometabolism projects.

- Providing scientific rationale and insights to identify innovative new targets.
- Contributing to establishing and characterizing relevant translational medicine or biomarker assays.
- Contributing to our existing immunometabolism network by collaborating with academic institutions and building new connections as appropriate.

ESSENTIAL REQUIREMENTS

- PhD in relevant biological discipline (or equivalent), combined with a depth of direct experience of small molecule drug discovery in a Biotech or pharmaceutical company environment.
- Expertise in a range of biochemical, mammalian cell biology, molecular biology, and assay development techniques.
- Solid understanding of receptor and/or enzyme pharmacology and working with a broad range of targets.
- Extensive skills in developing, troubleshooting, and optimizing biochemical and cell-based assays for use in small molecule characterisation and SAR development.
- Extensive hands-on experience with standard immunological techniques including, immunoassays, reporter assays and flow cytometry.
- Good communication and presentation skills.
- Good understanding of laboratory HS&E regulations.

DESIRABLE REQUIREMENTS

- PhD in pharmacology or immunology.
- Background in cell metabolism in immunology or oncology indications.
- Awareness of in vivo pharmacology and animal efficacy models and factors to consider in translation from in vitro and in vivo biology
- Experience with relevant software tools to quantify pharmacological responses and statistical analysis
- Experience with relevant assay automation.

BEHAVIOURS

PERSONAL LEADERSHIP:

- Good interpersonal awareness and influencing skills.
- Excellent organisational skills and attention to detail.
- Takes initiative and responsibility for actions.

TEAM FOCUS:

- Collaborative with effective communication skills, including active listening.
- Builds strong and effective relationships with internal and external teams.



DELIVERY EXCELLENCE:

- Strong analytical thinker and problem solver with good attention to detail.
- Demonstrates commitment to goals and a sense of urgency in fulfilling ambitious objectives.

FLEXIBILITY:

- Displays genuine respect for alternate views
- Adapts communication style to context
- Able to adjust plans/ priorities accordingly

IN RETURN WE OFFER

- Competitive salary package incl. pension and 25 days Annual Leave plus Bank Holidays
- Opportunity to work with a fun, dynamic and rapidly growing team

We consider all applications on merit and have a strong commitment to enhancing the diversity of our staff. To apply, please send us your cover letter and CV through the portal on our website, by selecting "Apply for this role" at www.sitryx.com/careers/. Applicants should be able to demonstrate their right to work in the UK.