



# ORBIT DISCOVERY

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## Senior Research Assistant / Research Scientist – Platform development

### About us

Orbit Discovery is a rapidly growing biotech company specialising in peptide drug discovery, built on a novel screening platform developed at the University of Oxford. Orbit Discovery is well funded, with the opportunity to develop highly efficacious peptide-based biological drugs, which are suitable and affordable for large patient groups. Orbit has internal drug discovery programmes and works in collaboration with major pharmaceutical companies in co-development projects.

Orbit Discovery offers a comprehensive employment package to its staff, including competitive salary, access to share options and a range of additional employee benefits.

### Overview of the Role

We are seeking a self-motivated, energetic and diligent Senior Research Assistant / Scientist (depending on experience) to join our Development team.

You will be working within Orbit's platform development group and will play a key role in supporting development of new capabilities in our peptide screening platform. You will deploy diverse techniques to support different stages of platform development, as well as perform screens to identify hit peptides for drug discovery.

Work will involve the use of many techniques such as (emulsion) PCR, qPCR, flow cytometry, flow sorting, microfluidic systems, next generation sequencing. Training will be provided but a good understanding of molecular biology with experience with any of these techniques would be an advantage, as would previous experience with other display or screening technologies (such as phage display).

You will also prepare data for reports and presentations within the company and assist in the drafting and review of laboratory protocols.

The position is a lab-based role, demanding an enthusiastic and proactive mindset, along with good organisational skill, an ability for problem solving and attention to detail. The successful candidate will be given opportunities for training and development and will be encouraged to contribute to implementing new technologies and processes.

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ORBIT DISCOVERY Ltd

Company No. 12850396  
Registered in England & Wales



Schrödinger Building, Heatley Road,  
Oxford, OX4 4GE, UK



+44 (0)1865 749234



info@orbitdiscovery.com



www.orbitdiscovery.com

Registered address: 23-31 Great Titchfield Street, London W1W 7PA



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## Job Responsibilities

- Independently design, perform and analyse experiments
- Handling and preparation of beads for analysis by flow cytometry
- Performing binding and sorting (FACS) experiments.
- Preparing and running next generation sequencing
- Performing PCR, in vitro transcription translation and other assays as required
- Analyse, interpret and summarise results for presentation at internal meetings.
- Contributing to discussions and sharing research findings with colleagues.
- Documenting research findings clearly in an electronic lab book.
- Assist in producing and collating procedures, guidelines and reports.
- Contribute to general lab duties.
- Ability to work flexibly and collaboratively to meet changing demands of projects.

## Job Requirements

### Essential

- A minimum of an MSc in a biology related discipline with a year of laboratory experience, or BSc and two years laboratory experience.
- Broad knowledge of biological sciences with an emphasis on molecular biology, or protein binding.
- Ability to perform molecular biology techniques such as PCR or qPCR
- Ability to perform basic analytical techniques such as SDS-PAGE, Western blot or ELISA.
- Willingness to learn new techniques.
- Strong communication and team working skills.
- Capable of troubleshooting technical issues and ability to develop a solid understanding of the direction and design of a given project.

### Desirable

- Practical experience of assay development.
- Practical experience of flow cytometry or FACS.
- Practical experience in protein-protein interaction studies (SPR).
- Experience with other display technologies or screening platforms.

Further enquiries about this role can be directed to: [tracy.lane@orbitdiscovery.com](mailto:tracy.lane@orbitdiscovery.com)

Applicants should provide a full CV, contact details for two referees and a cover letter describing their suitability for the position.

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In response to the ongoing pandemic, Orbit Discovery is operating as a COVID-safe workplace with social distancing, enhanced sanitation, and flexible remote working measures in place.

Applications should be sent to [Careers@orbitdiscovery.com](mailto:Careers@orbitdiscovery.com)

*All data will be treated in line with our privacy policy which can be found on our website.*

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