

Human Disease Models Research Scientist (2 positions), Human Centric Drug Discovery

Do you have a passion for translational research that will make a difference? We're looking for enthusiastic and talented scientists to undertake research projects to tackle disabling brain and nerve disorders.

Human Centric Drug Discovery

Human Centric Drug Discovery is an Oxford University spin-out using human data to improve neurology drug discovery. We are experts in developing, analysing and combining data from human induced pluripotent stem cells, large scale genetics studies, and population health data. We identify and validate safe and effective drug targets for neurological diseases where current models aren't working. We work with Oxford University research groups, pharmaceutical partners and on in-house development programmes. We are backed by the major venture capital fund Oxford Science Enterprises.

Key responsibilities

As a research scientist you will:

Undertake translational research projects

- Train in skills and competencies to successfully deliver company research
- Ensure the research progresses and achieves its milestones and deliverables
- Generate robust and reproducible experimental results by following best lab practices and guidelines
- Maintain accurate records of experiments and data
- Seek to publish and disseminate non-confidential data in peer reviewed journals
- Contribute to filing of patents that may arise from the research

Carry out company's human cell model research projects

- Work with the Lead Scientist, CSO, CTO and other lab members to design and formulate research plans
- Pro-actively identify challenges and manage risks appropriately
- Undertake analysis of experimental results and interpretation
- Support delivery of major work programmes with external industry partners

Coordinating and developing the lab team

- Support recruitment of other lab team members
- Provide training and support for other lab team members
- Contribute to lab team meetings
- Contribute to team culture and team building

Terms and conditions relevant to this employment

Job Details

This role is a full-time position based in our offices and purpose-built labs in the Wood Centre for Innovation, Oxford

Qualifications

Essential

- Hold a PhD / DPhil in molecular or cellular biology*
- Highly skilled in human stem cell tissue culture and molecular biology techniques or some knowledge but initiative and willingness to learn quickly
- Skilled with analysis and interpretation of various types of research data
- Able to work independently to plan projects and experiments
- Able to meet deliverables and report promptly to the Lead Scientist & CSO
- Excellent interpersonal skills, communication and organizational skills
- Flexibility and teamwork skills
- * We will consider applicants who do not yet hold a PhD/DPhil but will complete graduate studies within 6 months

Desirable

- Experience of developing and applying stem cell disease models in neurological disorders
- Skilled with performing cellular assays such as high content imaging, electrophysiology, multi-electrode arrays, calcium imaging
- Experience with genome engineering such as CRISPR
- Good peer-reviewed publication track record

Equal Opportunities

- Human Centric is committed to equal opportunities and promoting diversity within the company, and all people acting on its behalf must perform their duties in a manner that supports and promotes this commitment.

Salary and benefits

- The salary range is £35-40k per annum depending on experience and qualifications. Flexible hours are possible. There is a company pension scheme including employer contributions of 5%

How to apply

- Please send a CV and one page covering letter stating how you would fit the role and your previous experience to zam@humancentricdd.com and rosa@humancentricdd.com by 30th of June 2022. The positions are available now and start dates will be agreed with the selected candidates.