

# Job Advert

## Research Scientist

**Job Ref:** RS2201  
**Reports To:** Research Scientist II/ Senior Scientist

### The Company

Isogenica is a leading innovator in therapeutic antibody development, focused on enabling rapid advancement of next generation antibodies and antibody-based therapeutics through technical innovation.

VHHAntage® is Isogenica's fully synthetic VHH single domain antibody library, proven to yield high quality antibody fragments to a variety of target classes. CIS Display, our proprietary display technology, perfectly complements very large synthetic libraries. Isogenica is exploiting its technology platforms to enable the discovery of novel antibody drugs that address significant unmet medical needs.

Over the past few years, Isogenica has built strong and lasting relationships with several biotech and biopharma partners using CIS Display and VHHAntage®. This has resulted in a solid, diversified pipeline of partnered molecules – some of which are now in clinical development. In doing so, the company has built robust infrastructure and expertise for the discovery, characterisation and optimisation of therapeutic antibodies and antibody-based drugs.

Isogenica is now expanding its scope of activities to enable broader, deeper strategic relationships with biotech and pharmaceutical partners and to support internal VHH discovery and development. Aligned to this expansion, Isogenica is currently seeking an experienced Research Scientist to join our Antibody Discovery team.

### Who You Are

Having graduated with a PhD in a Life Sciences or an equivalent work experience, you are excited about a career in biotech and ready to accelerate your learning in a fast-paced commercial environment.

You are outcomes focused, and able to prioritise your work to meet deadlines. You have good organisational skills and can handle multiple projects simultaneously.

You are an enthusiastic scientist who can work independently but who is also a good team player. You relish a challenge and are thoughtful and proactive in seeking solutions for difficult problems.

You are conscientious and vigilant, and this includes working to create a safe and efficient working environment for yourself and your colleagues, and following health and safety guidelines.

### Job Overview:

This role suits a scientist with experience of scientific experimental design and execution. You will work alongside colleagues on internal and partnered discovery campaigns to generate novel biotherapeutics to treat serious diseases. You will carry out technical work or develop specialist expertise to support our projects, dependent on the specific requirements of the role. You will work under the direction of more senior colleagues but be able to work effectively without close supervision.

## Responsibilities and Duties:

- A combination of following established processes and methods to a high level of accuracy and designing and planning experiments independently, seeking guidance as necessary.
- Perform antibody or scaffold protein selections using CIS Display or phage display.
- Write new script for or run pre-programmed procedures on liquid handling and colony picking robots.
- Independently operate one or more complex lab equipment/robots.
- Sequence analysis, and antibody sequence analysis in particular.
- Analyse protein expression and quality using UV/VIS spectroscopy, SDS-PAGE, Western Blot, size exclusion chromatography, MALDI-TOF mass spectrometry.
- Execute basic antibody binding assays (ELISA, Alphascreen or HTRF).
- Plan and execute analytical flow cytometry (FACS) cell binding experiments.
- Set up and execute cell-based assays.
- Perform general molecular biology work (DNA purification, PCR setup, restriction digests/ligations, E. coli transformation, gel electrophoresis...).
- Accurately recording, reporting, interpreting data accurately and explaining results to colleagues informally, at team/company meetings or externally to collaborators.
- Ensuring new methods are recorded in SOPs and stored in Patentsafe.
- Comply with health and safety policies including conducting risk assessments and COSHH and raising of any H&S concerns with the line manager.

## Behaviours and Values:

- The ability to work both individually and as part of a team is essential. Fostering collaborative relationships with colleagues and external partners is essential.
- Creativity and innovation within the role, seeking to suggest improvements or contribute to team or company project plans.
- Enthusiasm for learning and a proactive approach to expanding own knowledge and skills.
- Respectfully challenge ideas or process or ask questions to develop own learning.
- Demonstrable enthusiasm and passion for the work of the company
- Excellent written and verbal communication skills.
- Strong analytical and critical thinking skills with the ability to interpret complex data and identify issues where necessary.
- Takes personal responsibility for own remit and demonstrates good planning and organisational skills, with the ability to prioritise and execute work within the remit of the role.
- Willingness to support, coach and mentor colleagues and act as a role model to junior team members.

<b>Salary:</b>	Highly competitive salary and benefits package
<b>Contract type:</b>	Full-time
<b>Closing date for applications:</b>	31 <sup>st</sup> March 2022
<b>Applications:</b>	CV and brief covering letter to: <a href="mailto:jobs@isogenica.com">jobs@isogenica.com</a>

Applicants must have the permanent right to work in the UK.