



Job Advert

Senior Scientist

Job Ref: SS2201
Reports To: Associate Director / Chief Scientific Officer / Senior Scientist II
Contract type: Permanent

THE ROLE

For more than twenty years, Isogenica has built deep expertise and knowledge about how to find VHH antibodies and develop them into drugs in partnership with some of the world's most innovative biopharma companies. As our Senior Scientist, you will initiate, design and lead projects to engineer and develop single and multi-specific VHH antibodies. You will help transform lead molecules into potential therapeutics by ensuring suitable candidates have the required developability profiles. Your skill and expertise allows you to work seamlessly across different projects, taking a rigorous scientific approach to experimental design, execution and interpretation of data. You will also provide direction and guidance to colleagues and provide constructive input to the wider team.

As Senior Scientist, the majority of your time will be lab-based with some office-based planning, management and reporting on programmes. You will grow into the role demonstrating your ability to work autonomously and successfully deliver programmes, as well as influencing and leading colleagues to deliver shared goals. You will build a sound understanding of Isogenica's strategy and our place in the market and proactively contributing to our future direction.



WHO YOU ARE

Behaviours and values:

- The ability to work both individually and as part of a team is essential. Fostering collaborative relationships with colleagues is essential.
- Approachable, supportive and able to share knowledge and expertise to help others progress through coaching and mentoring colleagues and act as a role model to junior team members or direct reports.
- Fosters a culture of trust. Welcomes and provides support and respectful challenge.
- Creativity and innovation within the role, seeking to suggest improvements or contribute to team or company project plans using evidence from independent research to present and support good arguments or suggestions.
- Eagerness for learning and a proactive approach to expanding own knowledge and skills and able to take responsibility for the learning and development of team members or more junior colleagues.
- Demonstrable enthusiasm and passion for the work of the company, setting high standards for self and others and consistently setting high expectations.
- Takes personal responsibility and demonstrates good planning and organisational skills, with the ability to prioritise.

Responsibilities:

Technical expertise and training

- Knowledge and understanding of multi-specific antibody discovery industry and new developments in this area.
- Design and execution of antibody engineering strategies (e.g. multimerization, affinity maturation, humanisation etc), ensuring high quality of the resulting molecules.
- Experience working with prokaryotic and mammalian expression vectors, including stable transfection.
- Protein expression and purification from bacteria and mammalian cell culture using automated systems (e.g. AKTA) and data analysis using UV/VIS spectroscopy, SDS-PAGE, Western Blot, size exclusion chromatography, HIC, T_m etc.
- Antibody binding assays (ELISA, Alphascreen or HTRF).
- Analytical flow cytometry cell-binding experiments.
- General molecular biology work (DNA purification, PCR setup, restriction digests/ligations, *E. coli* transformation, gel electrophoresis etc).
- Maintenance of complex lab equipment/robotics.

Communication

- Preparation and presentation of project/programme summaries, interpreting data accurately and explaining results to colleagues informally, at team/company meetings or externally to partners/collaborators.





Management

- Based on broader industrial and technical experience and knowledge, you will identify, investigate and implement improvements to Isogenica's processes.
- Support and advise colleagues on rigorous data interpretation, experimental design and use of complex technical equipment and troubleshoot as needed.
- May have direct reports to manage, or act as mentor to more junior colleagues.
- Ensuring new methods are recorded in SOPs and logged.
- Comply with health and safety policies including conducting risk assessments and COSHH and raising of any H&S concerns with the line manager.

WHO WE ARE

Isogenica is a leading innovator in therapeutic antibody discovery, focused on enabling rapid advancement of next generation antibodies and antibody-based therapeutics into preclinical and clinical studies. Isogenica develops VHH: these small-format antibodies can be linked together to produce multi-specific biotherapeutics for the treatment of cancer, inflammation and other serious diseases. Isogenica has established partnerships with numerous biotech and biopharma companies from around the world, resulting in the development of several clinical candidates.

WHAT IT'S LIKE WORKING WITH US

Our values best describe what it's like to work here. We're passionate about using our skills, expertise and knowledge to improve the lives of patients. We love to learn and believe that individual growth and Isogenica's success goes hand in hand. We challenge and support each other to master new skills, acquire new knowledge and deliver breakthrough technologies that benefit our company, our partners and ultimately patients. Our passion, enjoyment and motivation for our work make Isogenica an inspiring place to work.

As a small team, we work together by trusting, respecting and supporting each other. While we each have ownership over our projects, we draw on the skills and expertise of colleagues to ensure the best outcomes. Delivering valuable, world-changing science takes time so many of our projects and partnerships are long term but we feel a strong sense of urgency to improve lives by innovating and adapting to change quickly as our projects turn corners or new technologies become available.





WHAT WE OFFER

As well as being part of our skilled and enthusiastic team, you will also benefit from:

- 25 days annual leave, plus bank holidays
- A work-place pension with an 8% employer contribution
- Access to Income Protection and Life Insurance benefits
- Access to Private Medical Insurance (eligible on completion of probation)
- Unlimited access to health and wellbeing resources through our Employee Assistance Programme including counselling and telephone GP service
- CPD tailored to you including both in-house training and external courses and events

Isogenica is located in Chesterford Research Park offering a beautiful landscape in which to work with plenty of green, open and parkland grounds to explore. Alongside the benefits above, you'll have access to an on-site restaurant, golf course and 50% membership discount for the on-site gym which includes exercise classes and an outdoor bootcamp.

Salary: Highly competitive salary and benefits package

Contract type: Permanent - full time

How to apply: Please send your CV and brief covering letter to: jobs@isogenica.com

You must have the permanent right to work in the UK to apply for this role.

