

RA042 – Research Assistant Antibody Discovery

Isogenica is a preferred supplier for antibody discovery and engineering libraries and technologies, based on its proprietary DNA synthesis and protein display/selection methods. Our goal is to enable our licensees to be successful in drug development by providing antibody fragment libraries of the highest possible quality, and the best selection/optimization methods to mine those effectively.

Overview:

To further enhance its capabilities in antibody and next generation scaffold protein discovery, the company seeks to hire a motivated Research Assistant with those skills, or interested in acquiring them.

Responsibilities:

- Perform antibody or scaffold protein selections using CIS Display or phage display.
- Perform general molecular biology work (DNA purification, PCR setup, restriction digests/ligations, *E. coli* transformation, gel electrophoresis...).
- Run pre-programmed procedures on liquid handling and colony picking robots.
- Express proteins at small scale in *E. coli* or mammalian cells, purify protein using pre-optimized procedures such as manual or pre-programmed automated affinity chromatography.
- Analyse protein expression and quality using UV/VIS spectroscopy, SDS-PAGE, Western Blot, size exclusion chromatography, MALDI-TOF mass spectrometry.
- Be able to execute basic antibody binding assays (ELISA, Alphascreen or HTRF).
- Document experiments and procedures in laboratory notebooks, analysing and presenting experimental data within internal meetings (SOP's).

Requirements:

- MSc or PhD (for Senior Scientist) in protein sciences, with at least 2 years industry experience.
- Have practical molecular biology skills (DNA purification, PCR setup, restriction digests, *E. coli* transformation, gel electrophoresis...).
- Understanding of or (preferred) experience with expression and purification of recombinant proteins.

Experience in the following would be advantageous:

- Experience in antibody selection using phage and/or other *in vitro* display systems.
- Sequence analysis, and antibody sequence analysis in particular.
- Analytical flow cytometry (FACS) background.

Our scientists are expected to deliver projects against agreed plans and quality targets. They are expected to have high-level practical skills and technical knowledge specific to their areas of responsibility. They will be responsible for maintaining expected levels, both personally and in the team of laboratory practises, record keeping and HSE standards.

The candidate must be able to demonstrate high motivation, productivity in a dynamic collaborative environment, flexibility, effective communication skills and good teamwork. On-the-job training will be provided, as well as external technical and other training (where appropriate).

At Isogenica, we provide a supportive and creative working environment for talented individuals who are seeking a dynamic career at the cutting edge of biopharmaceutical research. Situated in a [great location](#), close to Cambridge but accessible, we offer competitive salaries and an attractive benefits package.

To apply, please send both your CV and cover letter to jobs@isogenica.com, quoting reference **RA042**, or post, to:

Human Resources
Isogenica Ltd.
The Mansion
Chesterford Research Park
Little Chesterford, CB10 1XL

No agencies please.

Closing day – 31st August 2018