JOB DESCRIPTION

Job Title	Research Associate/Scientist – Process Development
Grade	Research Associate/Scientist
Reports to	Competitive salary and benefits package, including a pension scheme, life assurance and private medical insurance
Department	Product Delivery / Process Development
Hours	Associate Director – Process Development
Location	London, W12

About Autolus

Autolus is a clinical-stage biopharmaceutical company developing next-generation, programmed T cell therapies for the treatment of cancer. Using a broad suite of proprietary and modular T cell programming technologies. The company is engineering precisely targeted, controlled and highly active T cell therapies that are designed to better recognise cancer cells, break down their defence mechanisms and eliminate these cells. Autolus has a pipeline of product candidates in development for the treatment of haematological malignancies and solid tumours.

Role Summary

We are seeking an enthusiastic, pro-active individual to work as a Research Associate/Scientist in our state-of-the-art laboratories in West London.

The post holder will be motivated and highly organised with knowledge of immunology/haematology and biotechnology.

Required technical skills include primary cell culture and knowledge of bioreactors, and analytical methods such as flow cytometry, cytotoxicity assays, and qPCR. Also, a familiarity of GMP and regulatory guidelines for cell and gene therapy products is preferred.

They will closely collaborate with other team members, and across departments, and contribute to the development of processes suitable for manufacture of high-quality cell-based therapeutic products.

Key Responsibilities

- Develop processes suitable for the manufacture of autologous cell-based products
- Characterise processing steps for yield, cell integrity and clearance of impurities
- Develop suitable formulations and support stability studies
- Investigate and qualify new equipment for cell manufacturing
- Assist in technology transfer to Manufacturing group
- Provide ongoing support to GMP manufacturing activities
- Assist in design and implementation of training programmes
- Author development reports, SOPs, and regulatory documentation

- Maintain accurate and clearly written laboratory notebooks to standard required for legal requirements, regulatory filings, publications and patent filings
- Work with external service providers
- Any other duties as required following consultation with the post holder
- The post-holder will be responsible for adhering to all health and safety guidance, provided by the Company

Demonstrated skills and competencies

E – Essential
P - Preferred

Experience

- Directly relevant academic, biotechnology or pharmaceutical industry experience – E
- Familiar with a range of biopharmaceutical techniques, particularly cell culture and cell-based analytical methods – E
- Experience with GMP production of cell/gene therapy products – P

Qualifications

- BSc or MSc in Biology/Biotechnology or related discipline – E

Skills/Specialist knowledge

- Good understanding of cell biology and immunology – E
- Understanding of and familiarity with regulatory guidance governing cell-based and biopharmaceutical development – P
- Excellent organisational skills with the ability to present results clearly and logically, working co-operatively as part of a team as well as independently – E
- Good attention to detail and ability to accurately follow SOPs – E
- Ability to identify and implement solutions – E
- Strong verbal and written communication skills - E
- Flexible, self-motivated and focused on team outcomes - E
- Commitment to high quality work – E
- Experience in working in a busy laboratory environment, although training will be given – P