



Job Title: Cell & Gene Therapy Scientist

Company Overview – About Avectas

Avectas is an Irish, privately-owned cell engineering technology business currently building out its North American footprint. We are focused on improving the cost, manufacture and patient outcomes for the next generation of cellular therapies. Avectas is developing a unique cell engineering platform, SOLUPORE®, to enable the *ex-vivo* manufacture of gene modified cell therapy products. SOLUPORE produces superior results related to the delivery of molecular cargo and related to improved potency over other delivery technologies. In addition, the technology will facilitate multiple gene edits and is cost-effective and scalable. Avectas is currently developing the clinical (cGMP) technology embodiment while enhancing its dataset, implementing its commercialization strategy, and building out the team.

This role is a unique opportunity at a development-stage company. Avectas is supported with field-leading advisors, and a highly experienced technical/operational team. You will help us to continue to build a transparent and successful organisation focused on delivering our SOLUPORE cell engineering platform for the next generation of cell and gene therapies.

Role Overview

We are seeking for a motivated Scientist to join an exciting, fast growing company to develop and optimize a non-viral, cell engineering technology. The successful candidate will be a key member of the Scientific team while under the broader umbrella of the Technical Operations team, they will be in close collaboration with both the Process Development and the Engineering team, supporting the development of the SOLUPORE technology. This role reports to the Senior Scientist of Cell and Gene Therapy.

Location

MaynoothWorks, Maynooth, Co. Kildare, Ireland

Job Title:	Scientist	Travel Required (%):	Up to 10 travel*
Department/Group:	Technical Operations/CGT	Position Type:	Contract
Location:	Maynooth, Ireland	Date:	09June2021
Level:	3	*Travel will be required up to 10% of the time once COVID-restrictions lift.	
Line Manager:	Senior Scientist		

Job Description

Role and Responsibilities

Responsibilities will also include, but are not limited to, the following:

- Support and/or lead research activities including design, execution, statistical data analysis and interpretation of scientific experiments
- Analyze and translate research results into key conclusions linked to experiment deliverables
- Prepare presentations and present scientific data at internal meetings
- Author and review SOPs, study protocols, reports and other scientific and quality documents
- Collect and analyze data from various assays, track and trend data to support specifications for critical process controls
- Critically analyze processes for continual improvements
- Engage in all required departmental meetings and working closely with cross-functional teams
- The role will require flexibility to travel to sites in Canada/US/Europe

Skills/Knowledge/Experience Required

Qualifications & Experience

The successful candidate must be self-motivated and a team player. Must be highly motivated and able to deliver on defined timelines, in collaboration with colleagues. The role requires excellent troubleshooting skills, creative thinking and deep understanding of the principles of experiment design and statistical analysis.

- At a minimum, a PhD (preferred) or MSc + 2 years of relevant experience in Biology, Immunology, Genetics/Microbiology, Biotechnology, Bioengineering, or related fields
- Excellent attention to detail and meticulous bench work with a solid understanding of aseptic cell culture techniques (preferable with humane primary cells)
- Experienced with plate and cell-based assays including techniques such as molecular biology, PCR, flow cytometry, and ELISA

Desirable Skills

- Experienced in independently designing and executing experiments inclusive of data analysis. Capable of communicating results in concise and clear presentations and reports.
- Experience with immune cell magnetic isolation
- Understanding of statistical analyses and commonly used statistical software (GraphPad, Minitab)

- Excellent organization skills: planning and task management including prioritization, creating and keeping deadlines
- Experience with viral and non-viral genome engineering methods
- Prior experience editing primary immune cells and/or cell lines

Skill and Competencies

- A proven ability to be highly productive and successful in a high pace work environment
- Good problem-solving skills and logical approach to solving scientific problems
- Excellent interpersonal skills and communication skills, both verbal and written
- Work as part of a multi-disciplinary team with other scientists, engineers and manufacturing personnel

Prepared By:	Jessica Schwaber	Date:	09June2021
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How to Apply:

Application should include:

- A letter of interest
- Complete curriculum vitae

All materials should be addressed to jobs@avectas.com, Please use **CGT Scientist** in the subject line. This post will stay active until the position is filled. We would like to thank all applicants, but only those selected for an interview will be contacted.