



## **Graduate Research & Development Engineer** (Location: Galway, Ireland)

You are a hands-on creative person, able to envision and implement relevant testing fixtures and protocols that are relevant to anticipated clinical use, translating learning into design innovation

Join WhiteSwell, a dynamic, rapidly growing organisation, as we seek to fundamentally shift treatment of acute decompensated heart failure by harnessing the vital role of the lymphatic system in restoring fluid balance.

### What you'll do

- Work as part of the engineering team on new product development projects, specifically preclinical engineering, test method development and execution, and component, process, and supplier development.
- Develop ex-vivo test models and methodologies to evaluate blood-material interactions in a variety of clinically relevant scenarios.
- Ensure organization of the R&D laboratory (safety, scheduling, stock, equipment) to ensure availability and function for all R&D testing needs. Oversee laboratory equipment calibration and maintenance. Train users on the equipment and safety protocols.
- Build and test prototypes, analysing test data to identify optimal solutions to technical challenges and translating learning into design concepts.
- Research state of the art technologies to identify technical capabilities that can advance and accelerate the company's R&D projects and enhance product manufacturability.
- Evaluate, with the team, the design and supply chain risks in the project and develop strategies to highlight, monitor, manage and mitigate these risks.
- Prepare reports, documents, procedures, specifications, and technical documents in accordance with Quality System requirements to ensure the success of the project.

### What you bring

- A BSc in biomedical, mechanical, polymer, or materials engineering. A Masters or PhD in a related field is highly desirable.
- Strong design and technical ability based on a broad and deep knowledge of fundamental engineering principles and medical device processing technologies.
- At least 1 year prior experience in a technical role at a MedTech company or in an industry with regulated products and processes.
- Excellent oral and written English language and communication skills.
- Proficient in SolidWorks CAD design.
- A proactive approach that enables delivery of the work required to advance the project with a minimal amount of direction.
- Dedication to hold yourself and others accountable to meet commitments by following through, acting with a clear sense of ownership, and taking personal responsibility for decisions, actions, and failures.

### What next

- Send your CV and the reasons why you're a great fit for this job to [challenges@whiteswell.com](mailto:challenges@whiteswell.com)