

VACANCY: Graduate Medical Device Scientist

Location: Harwell, Oxfordshire, UK, (on-site)
Start date: As soon as possible
Position: Full-time, permanent, 37.5hrs/week
Full salary: £32-35k per year
Benefits: Pension scheme with 5% employer contribution
Holiday: 25 days per year plus bank holidays
Apply to: recruitment@electrospinning.co.uk enclosing a copy of your CV and a covering letter.

The Electrospinning Company is pioneering the application of nanofibre technologies for tissue engineering. We design, develop and manufacture advanced materials for our clients, primarily nanofibre polymer scaffolds for medical device applications.

The Position

We are looking for an early career research scientist/engineer to join our R&D team working on cutting-edge medical devices with a proven vision to improve patients' lives.

The role will involve the design and development of electrospun biomaterials and coatings on a project basis, contributing to multiple client and in-house projects. The role involves the practical application of research and engineering to develop novel process solutions. The desired candidate will have strong technical skills to work on complex projects with a wide range of medical applications. Strong collaboration, communication and creativity are essential, as well as the ability to adapt to new challenges and work well in teams.

The nature of the position will allow the candidate exposure to the newest and most dynamic medical device innovators in the world, as our many projects are in collaboration with international universities, medical device start-ups, key opinion leaders and multinational corporations.

The Electrospinning Company will provide training in electrospinning and device design, process design, and working to medical device quality standards. As we grow in our operations, so will you, and opportunities to develop beyond this role will be available to those with ambition and drive.

Key responsibilities will include

- Hands-on research and engineering to develop novel technical solutions
- Polymer processing to a high scientific standard
- Preparing, designing, and executing experiments independently
- Delivering technical tasks on schedule and to a high standard
- Assisting with process development from early prototyping through to commercialisation
- Analysing data and sharing research findings and opportunities through reports and presentations to the wider team and to clients directly
- Liaising with approved or potential suppliers and clients on projects
- Operating specialist electrospinning equipment, high tech metrology and engineering equipment

- Maintaining excellent lab records and assisting with documentation under ISO:13485
- Working to, and maintaining, Quality standards
- Troubleshooting lab and equipment issues

The experience and skills we are looking for

- A degree in a relevant scientific discipline (BSc/MSc/Meng/PhD) relating to medical device engineering, chemistry, physics, materials science or similar (other degrees with lab/chemical handling experience will be considered)
- A “can-do” attitude – enthusiasm – an eagerness to learn
- An ambition to succeed
- Pride in the accuracy and efficiency of your work
- Experience in running projects independently
- Ensuring a safe working environment and operating in a safe manner within a laboratory
- Practical experience operating basic laboratory and engineering equipment
- *Desirable* - Experience in medical manufacturing or other regulated industry
- *Desirable* - Experience in handling hazardous chemicals
- *Desirable* - Basic 3D modelling/CAD drawing experience

Our values as a company define who we are and how we interact with the world:

- Teamwork: taking individual responsibility and supporting team members
- Transparency: communicating openly
- Excellence: delivering high quality outputs on time and to a high standard
- Consideration: considerate with concern for impact on others
- Learning: embracing personal development

We are a committed equal opportunities employer and do not unlawfully discriminate based on any status or condition protected by applicable UK employment law.

Please note:

You will need the right to work in the United Kingdom.

It is a requirement of the job to be able to work regularly in Personal Protective Equipment (PPE) and, on occasion, with a respirator worn close (seamless) to the face.

Interviews will be carried out for successful applicants on receipt of CV and covering letter, and we reserve the right to retract the advert if a suitable person is found before the end date.

Any personal data submitted in the job application for this role will be processed in accordance with the GDPR and related data protection legislation.