



Research Scientist/Engineer (Preclinical & Clinical Evidence Generation)

About Perfuzze

Perfuzze is a growth-stage medical device company, based in Galway, dedicated to improving the quality of life for stroke patients. Perfuzze is developing innovative catheter-based technology to extract blood clots from the brain following an Acute Ischemic Stroke.

At Perfuzze, we push the limits of what medical technology can do to help restore health and extend life. Our mission is to halve the number of patients who suffer disability post-stroke treatment. We are accelerating our ability to deliver meaningful innovation — and we will only succeed with the right people on our team. We are located in the IDA Business Park in Dangan, Galway.

Our Culture

- An inclusive work environment where all employees are valued, supported, and encouraged.
- Everyone has a seat at the table and the ability to influence outcomes.
- A collaborative, team-focused environment where learning is constant and performance is rewarded.
- The opportunity to work at the forefront of technology that can transform stroke treatment worldwide.

Research Scientist/Engineer

We are seeking a Research Scientist/Engineer to drive preclinical and clinical evidence generation activities across our neurovascular portfolio. This role is ideal for a candidate who is enthusiastic about experimental research, data analysis, and scientific publication, and who wants to translate research into real-world patient impact.

This is a hands-on, research-driven role, focused on experimental design, rigorous testing, data analysis, and scientific authorship of peer-reviewed publications, rather than device design or manufacturing process development.

How You Will Contribute

Research & Publications

- Design, execute, and analyse preclinical experiments to generate high-quality scientific data.
- Maintain accurate, complete, and compliant experimental records and datasets.
- Analyse experimental outcomes and communicate findings clearly to internal teams and clinical collaborators.
- Lead preparation of peer-reviewed manuscripts and support physician-led publications.
- Support clinical research for first-in-human and post-market studies.
- Plan and conduct in-vitro and benchtop testing, including neurovascular occlusion models.
- Contribute scientific content supporting sales enablement and physician training.



Collaboration & Communication

- Work closely with clinical collaborators, and internal teams to align research with clinical needs.
- Coordinate conference activity, including preparation and logistics.
- Present scientific findings internally and externally, including at international conferences when appropriate.

Additional Responsibilities

- Manage the organisation and tracking of research and demonstration devices.
- Assist with sourcing devices and materials for testing and evaluation.
- Provide general scientific and operational support to the wider R&D and clinical teams.

Must Have

- MSc or PhD in Biomedical Engineering, Biotechnology, Life Sciences, Stroke Research, or a related field
- Proven experience in experimental design, execution, and data analysis.
- Excellent organisational skills and attention-to-detail in maintaining test records and datasets.
- Strong scientific writing skills, with experience authoring or co-authoring peer-reviewed publications.
- Strong communication skills and the ability to work effectively in a multidisciplinary team.

Desirable

- Experience with in-vitro or benchtop models, particularly in cardiovascular or neurovascular applications.
- Knowledge of stroke, neurovascular devices, or endovascular therapies.
- Experience collaborating directly with clinicians or physician-researchers.
- Experience presenting research at national or international scientific conferences.
- Familiarity with medical device research environments and regulatory-driven evidence generation.

If interested, please submit your CV and a letter outlining why you are the right person for the role to info@perfuze.com