

Senior Scientist - Embryonic Stem Cell Differentiation and Characterization - Cardiff

- Competitive salary and benefits package
- Opportunity to work with cutting edge technology

Life Sciences delivers breakthroughs in drug discovery, biopharmaceutical manufacturing and the latest in cellular technologies, so scientists and specialists around the world discover new ways to predict, diagnose and treat disease earlier. The Life Sciences business also makes systems and equipment for the purification of biopharmaceuticals.

This role presents a unique opportunity to work within a dedicated, motivated and innovative team at our site in Cardiff.

Main duties to include but not be limited to;

- Design and develop assays and protocols for cell differentiation (particularly hepatocytes & cardiomyocytes).
- Characterize in vitro differentiated cells at the molecular, cellular and functional levels.
- Explore and develop methods to identify committed progenitor cells, expand progenitor populations, and enrich differentiated cell populations.
- Assist in the development, optimization and validation of cell-based assays for use in ESC characterization and process QC. Includes identifying and qualifying molecular targets for analysis, as well as identifying new assays/reagents/instrumentation as needed to meet CT goals.
- Write and review SOPs, and transfer protocols from R&D to Manufacturing.

We are looking for candidates with a Ph.D. degree or equivalent coupled with postdoctoral or industrial experience in stem cell biology, developmental biology, cell biology, or related biological science. You will need extensive experience in cell culture, ideally within bulk cell culture, product development or process QC in an industrial setting - stem cell biology, developmental biology, cell biology, or related biological science exposure is advantageous. You will be analytical, with skills in flow cytometry, immunohistochemistry viral and non-viral gene transfer and rtPCR. Some experience with cell-based assay development is preferable. The successful candidate will need a willing and flexible attitude to work (e.g. weekends, holidays) to maintain ESCs in culture.

In return, you will be rewarded with a competitive remuneration package and excellent working conditions as well as the opportunity to develop your skills in a major multinational organisation.

What do you envision for your future? At GE Healthcare, our vision involves looking at Healthcare in a completely new way. Focusing on earlier, pre-symptomatic disease detection and prevention, instead of late diagnosis. Helping clinicians access more information and intervene sooner with targeted treatments so their patients can leave longer, fuller lives.

We believe we can help make that happen – and we'd like you to be a part of our mission. As a global leader, GE can bring together the best in science, technology, business and human resources to redefine the frontiers of healthcare. Something remarkable happens when you bring together people who are driven to make a difference – they do.

---Your Life. Your career. Your purpose. Re-imagined----

To register your interest for this role please visit www.gecareers.com and enter job reference 1167983