



Scientists – Assay Development Edinburgh

Who we are

LifeArc is a medical research charity with a 25-year legacy of helping scientists and organisations turn their research into treatments and diagnostics for patients.

LifeArc's Centre for Diagnostics Development (CDD) operates at the interface between academic research and the diagnostic industry. We offer collaborative diagnostic assay development and validation, helping translate early-stage diagnostic research through to its commercial exploitation and use in the clinic.

The CDD team support a wide range of diagnostic technologies with a current focus on developing molecular diagnostics where there is an unmet clinical need in areas such as infectious disease, oncology, and inflammatory disease. Our current projects include the development, verification and validation of qPCR and digital PCR assays, as well as Next Generation Sequencing pipelines.

Who you are

We are seeking highly motivated, well-organised scientists to help contribute to the design, assessment, and verification of a wide range of diagnostic development projects. You will be comfortable moving between projects, developing new skills, and working with support from our team of highly experienced scientists.

Applicants should be confident with standard molecular biology laboratory techniques (e.g. DNA and RNA isolation), and possess a thorough working knowledge of PCR and qPCR. Demonstrable skills in NGS library preparation and sequencing technologies, experience with digital PCR or protein-based assay methods, or experience in *in silico* assay design could be advantageous.

Given the nature of the work, we are looking for scientists who have a meticulous attention to detail and a proven ability to troubleshoot technical issues, both independently and as part of a team. Excellent communication skills are essential for maintaining comprehensive electronic lab notebook reports and presenting work to key stakeholders both within and outside the organisation.

You will be educated to BSc, MSc or PhD level in molecular biology, genetics, or a closely related discipline. Industry experience would be beneficial, as would experience of working in a clinical or ISO-accredited laboratory environment.

Salary

Your salary will be determined by qualifications and experience. In addition, LifeArc offers a defined contribution pension scheme, private health insurance, a flexible benefits scheme and 31 days paid holiday per year.

LifeArc is committed to the principles and practices of equal opportunities and to encouraging the establishment of a diverse workforce. It is our policy to employ individuals on the basis of their suitability for the work to be performed and their potential for development, regardless of age, sex, race, colour, nationality, ethnic or national origin, disability, marital status, pregnancy or maternity, sexual orientation, gender reassignment, religion or belief. This includes creating a culture that fully reflects our commitment to equal opportunities for all.

To apply please email your CV and covering letter explaining why you want to work for LifeArc to: adam.rudman@lifearc.org or by post to Recruitment, LifeArc, Accelerator Building, Open Innovation Campus, Stevenage, SG1 2FX (electronic applications preferred).

Closing date: 18th January 2021