

## R&D Scientist I at Biotangents

Founded in 2015 and based just to the south of Edinburgh, Biotangents is a Synthetic Biology start-up developing nucleic acid-based diagnostic tests to tackle infectious diseases in livestock farming. Having successfully brought two diagnostic products to market, for BVDV and mastitis, we are now working to expand our portfolio and revolutionise the way infectious diseases are detected and managed on the farm. Our employees work in an exciting, fast-paced environment with significant opportunities for professional growth as the company expands and develops additional innovative products. Further details are available at [www.biotangents.co.uk](http://www.biotangents.co.uk).

We are now seeking a Research and Development Scientist I to join our growing team and be actively involved in the laboratory-based experimental development of our nucleic acid diagnostic platform. This is an exciting opportunity for the right individual to work on a range of R&D projects with the aim of optimising and commercialising a new diagnostic technology. Salary will range from £28,000 to £32,000 depending on experience.

### Responsibilities include:

- Working in the laboratory under the supervision of our Lead R&D Scientist to plan, undertake and critically analyse experiments relating to:
  - Diagnostic sample preparation and extraction
  - Nucleic acid detection
  - Isothermal amplification reaction design and optimisation
- Working to rigorous standards of Quality Assurance
- Collating and presenting findings and data at internal meetings

### Requirements:

- An Honours or Master's degree in a molecular biology-related discipline
- Experience applying practical molecular biology skills such as PCR and DNA/RNA preparation
- Good attention to detail
- Dedication to quality and safety
- Ability to communicate well and work effectively in a small team

Training will be provided. Nevertheless, the following would be desirable:

- Experience in bioinformatic methods for nucleic acid design
- Familiarity with isothermal amplification methods
- Experience with optimising molecular biology protocols, such as nucleic acid extraction
- Familiarity with good laboratory practice and previous experience in routine lab procedures
- A good understanding of RNA biology

Applications (CV and cover letter) should be addressed to our Lead R&D Scientist, Cheryl Chan at [cheryl@biotangents.co.uk](mailto:cheryl@biotangents.co.uk)