

Job Specification Details			
Job Title:	Biochemist		
Job Code:	QB_05 (21)		
Department/Group:	Biochemistry Laboratory		
Location:	Sandwich, Kent, UK	Target Start Date:	1 st November 2021
Level/Salary Range:		Position Type:	Permanent
HR Contact:	Andy King (info@qbiotix.com)	Date posted:	13 September 2021
External posting URL:			
Internal posting URL:			

About Qbiotix:

Qbiotix Limited offers a suite of rapid, sensitive, sample-type agnostic, homogenous, non-enzymatic molecular detection technologies. Qbiotix has filed for patent protection for its novel technologies which offer significant advantages to the diagnostic state of the art.

Qbiotix innovates with capabilities previously not available to measure: 1) nucleic acid targets down to single copy numbers, overcoming the limitations of enzymatic amplification; 2) activity of proteins, misfolded proteins and aggregated forms of proteins.

Qbiotix is expanding its laboratory operations in Kent to respond to enhanced interest from industry and Pharma companies.

Job Title: Biochemist

Job Overview:

An exciting opportunity to grow and lead the biochemistry team of Qbiotix in order to advance nucleic acid and protein detection technology to new standards.

The Biochemist will be expected to conduct laboratory experiments under the guidance of the CTO and over time to hire and lead the biochemistry team, manage contractors to advance research and product release in multiple disciplines ranging from optimisation of detection systems, microfluidic exosome technologies, horizontal flow assays, viral assays, and in-situ assays.

The Biochemist will be expected to further the development of Qbiotix proprietary and patent pending non-enzymatic molecular assays through deep knowledge of molecular techniques, microbiological techniques and safety procedures and handling of pathogens.

The development of the assays and the increase of targets detected/measured by such assays will run under industry-standard quality management systems. The assays will be designed and tested in-house prior to release to selected manufacturing partners and to release to channel partners or customers. Products will need to comply with applicable regulations and other requirements.

This role will report directly to the CTO and the incumbent will be expected to contribute to the management of the laboratory as a whole.

Technical Responsibilities:

- Assist the CTO in leading the development Qbiotix research and product development process.
- Define, coordinate and technically lead all processes related to internal product development and outsourced product development initiatives.
- Establish criteria for potential hires and third-party contractors, assess and make recommendations to the CTO. Carry out continual assessments of the technology progress and suggest technology improvements.
- Work collaboratively with all other employees in the Company.

Organisational Responsibilities:

- Support the CTO with respect to patent drafting, publications, reporting.
- Ongoing development of Qbiotix technical competencies.
- Support the COO in establishing an appropriate and efficient quality management system.
- Identify skill gaps, develop capabilities, drive recruitment and scale the laboratory to meet the business needs.

Qualifications & Skills:

- Minimum of 5 years relevant experience at a post Master level or minimum of 3 years relevant experience at post PhD level working on cutting-edge technical solutions in the biochemical industry, ideally in a non-academic laboratory environment.
- Excellent overall understanding of R&D and biochemical processes in the following technical areas:
 - Molecular techniques
 - Microbiological techniques

- Handling of pathogens
- DNA/RNA modifications
- Protein/Nucleic Acid interactions
- Separation technologies
- Experience with Instrumentation such as microscopes and plate readers running Time Resolved Fluorescence (TRF).
- Experience of New Product Introduction processes and a new technology or product from prototyping/pilot production into volume production through standard processes like Gate procedures.
- Excellent team player and able to work independently to challenging time-scales.
- Strongly self-motivated and able to take ownership of problems and to work with minimal supervision.
- Good communication, presentation and interpersonal skills.
- Familiarity with computers especially with Microsoft Office and statistical programmes.
- Able to adapt to a fast-moving environment.