

CLINICAL SCIENTIST

Post:	Clinical Scientist
Salary:	£35,000 - £45,000 depending on experience
Working hours:	Full Time
Accountable to:	Chief Executive

Job Purpose

The post holder will be responsible for the provision of genetic services for a range of inherited and acquired disorders guided by clearly defined policies and procedures.

NewGene Ltd

NewGene are a dynamic molecular diagnostics company providing high quality clinical services to the NHS and private sector and innovative R&D solutions to academia and industry. Based at the Centre for Life in Newcastle we work closely with the Institute of Genetic Medicine and the clinical teams at the Northern Genetics Service.

Responsibilities

Critical and overarching responsibilities of the position:

- Interpretation of clinical data and delivery of results to clients; providing clinical advice, where appropriate, to referrers based on the evidence of laboratory test results
- Co-ordinating service delivery with the Laboratory Manager
- Assisting the Laboratory Manager in troubleshooting and addressing technical problems associated with routine production
- Technical responsibility for new assay / test development
- Provide scientific input to research and development work as required

General Responsibilities

The post holder will:

- Collaborate with the Laboratory Manager and the Chief Executive in the provision of an efficient laboratory service.
- Participate in meetings as appropriate.
- Ensure good working standards at all times that conform to those of ISO 15189 using Policies and Standard Operating Procedures (SOPs) as required for laboratory accreditation.
- Conform to all aspects of Internal Quality Control and participate in External Quality Assurance schemes as directed to ensure that the laboratory provides the highest level of service to its customers.

Duties

The post holder will carry out the following duties, generally guided by clearly defined policies and procedures.

- Take prime responsibility for approval, validation and timely delivery of all clinical results using a high level of knowledge and skill to interpret the results of the tests in the context of the clinical referral when necessary.
- Provide clinical advice to referrers based on the evidence of test results where appropriate and required.
- Judge the standard of laboratory results that are generated by technical staff and determine whether they are of reportable quality.
- Be proficient in the techniques relating to all high throughput platforms and related activities such as sequence capture and data analysis.
- Lead on areas of bioinformatics; such as establish and validate bioinformatics pipelines, data management.
- Maintain a detailed and up to date knowledge of all relevant clinical and technical developments in the company's field of activity.
- Participate in appropriate CPD activities to maintain registration.
- Take responsibility for troubleshooting assays and procedures when necessary to ensure continuation of services.
- Undertake supervision and training, both theoretical and practical, of technical staff when necessary.
- Support the Laboratory Manager and the Chief Executive for maintaining laboratory accreditation including taking responsibility for specific aspects and participating in the laboratory audit programme.
- Discuss and agree clinical test development priorities in collaboration with the management team.
- Provide scientific and technical support for all new test development and R&D work.
- To support the Business Development Manager and Chief Executive in activities such as; providing detailed input into funding applications, ensuring technical validity and accuracy of company marketing literature, and provide assistance at exhibitions. Present scientific and test information to customers and potential customers when required.
- Take on other responsibilities as directed by the Chief Executive.

This job description will be reviewed as part of annual staff appraisal with the Chief Executive and the Finance & Administration Manager who has responsibility for company HR.

November 2016

Qualifications	Essential	Desirable
State registered Clinical Scientist	✓	
FRCPATH part 1		✓
BSc in appropriate biological science	✓	
PhD in Biological Science		✓
Knowledge / Skills		
Specialist scientific background in molecular diagnostics	✓	
Critical analysis and interpretation of scientific data	✓	
Competent in bioinformatic techniques	✓	
Expertise in test development, optimisation and improvement	✓	
Knowledge and experience of supervision and management		✓
High level of accuracy and reliability	✓	
Excellent organisational skills; time management, prioritisation	✓	
Good verbal and written communication skills	✓	
Other		
Flexibility	✓	
Ability to motivate others	✓	
Good work ethic	✓	

Organisational chart

