

**JOB TITLE**  
**BAND**

**Biomedical Scientist**  
**Band 5**

### Job Summary

- Provide a comprehensive Biomedical Science service with rotation throughout the entire department in which you are employed (i.e. Biochemistry and POCT, Haematology and Blood Transfusion, Cellular Pathology, Microbiology and Virology services).
- To perform, interpret and validate a range of routine, non-routine, automated, semi-automated and manual Biomedical Science investigations.
- Work autonomously within national legislation, and Health Board policies and procedures. This will be as part of a team participation in out of hours rotas and cross site working where applicable.

### Responsible to

**Reporting:**

**Accountable:**

**Professionally:**

### Responsibilities and Duties

#### Planning and Design

Plan and organise own daily workload, being mindful of reporting results within the agreed turnaround time.

#### Improvement and Monitoring

Determine the pathological/clinical significance of diagnostic results and use interpretative skills to assess the validity of laboratory results, where applicable.

Interpret diagnostic laboratory results and take action e.g. authorisation of results, validity of test results, suggesting/ordering follow-up investigations, referring for a second opinion, and informing the requestor/medical staff of clinically significant results.

Keep abreast of developments in Biomedical Sciences and provide suggestions for implementation as appropriate.

Collect data for audits and research & development as required and participate in departmental External Quality Assurance schemes.

Contribute to the review, revision, and update of Pathology Standard Operating Procedures (SOPs) and local processes.

Undertake method and laboratory instrumentation evaluation as required.

Comply with protocols for the preparation, analysis and storage of designated high-risk specimens, and disposal of samples and other clinical waste.

### **Communications**

Communicate with colleagues and/or clinical staff regarding investigations required, and where applicable explaining results to staff across the Health Board, in line with Departmental Policy.

Communicate sensitive and complex patient results by telephone, adhering to the local policy relating to sharing of results.  
Provide test results where appropriate and in line with departmental policy, either by hard copy or via e-links with GP practices as required.

Respond to enquiries to the laboratory, and provide information on such matters as sample requirements for routine and non-routine assays, sample turnaround times, sample timing, reference ranges etc.

### **Clinical**

Perform routine diagnostic laboratory investigations and methodologies following departmentally agreed Standard Operating Procedures.

Undertake manual, semi-automated and fully automated laboratory investigations.

Identify and assess risks and hazards encountered and select appropriate hazard control, risk management or elimination techniques in order to maintain a safe laboratory environment for self and others.

### **Finance and Budget**

Carry out operative maintenance of complex laboratory instrumentation.

Monitor and maintain stocks of reagents and consumables within area of work.

### **Management, Leadership and/or Training**

Be proactive in pursuing opportunities for CPD to meet HCPC requirements to maintain registration.

Regularly participate in work-based and self-directed learning activities.

Assist with the training and mentorship of Pathology Support Staff and Trainee Biomedical Scientists.

Supervise Pathology Support Staff and Trainee Biomedical Scientists

**Digital and Information**

Ensure that records are kept up to date, and stored safely in compliance with best practice and the requirements of BSQR (2005), Human Tissue Authority (HTA) and ISO 15189:2012/ISO 15189:2022, where applicable

Support Point of Care Testing (POCT) systems operated by the laboratory, where applicable.

Utilise the Laboratory Information Management System (LIMS) and input test results, patient demographics, clinical details and assay requests accurately.

**PERSON SPECIFICATION****Qualifications and Knowledge****Essential**

BSc. (Hons) Degree Life Science/Biomedical Science.

HCPC Registration.

Knowledge of MHRA, HTA and United Kingdom Accreditation Standards (UKAS).

Knowledge of BSQR (2005), Human Tissue Authority (HTA) and ISO 15189:2012.

**Experience**

Completion of Registration Portfolio for the IBMS Certificate of Competence.

**Skills and Attributes**

IT Literate.

Good communication skills.

High degree of manual dexterity.

Ability to assess priorities.

Good attention to detail.

Ability to work autonomously, and as part of a team.

Aptitude for using complex equipment.

Welsh Language Skills are desirable levels 1 to 5 in understanding, speaking, reading, and writing in Welsh.

**Other**

Ability to travel between sites in a timely manner.

Flexible approach to needs of the service.

Participate in shifts rota, including out of hours.