

JOB DESCRIPTION
Biochemistry Research Technician
Vacancy Ref: A2023

Job Title: Biochemistry Research Technician	Present Grade: 7
Department/College: Biomedical and Life Sciences	
Directly responsible to: Chief Technical Manager	
Supervisory responsibility for: N/A	
<p>Other contacts</p> <p>Internal: BLS academic colleagues, technicians, post-doctoral researchers, post-graduate students, project students, University support services staff.</p> <p>External: Colleagues in similar departments in other research institutions. Visiting workers. Regional, national and international academic networks. Equipment suppliers and instrument engineers.</p>	
<p>Major Duties:</p> <ol style="list-style-type: none"> 1. Responsible for the provision of a complete technical service for all biochemistry/molecular biology related analytical and preparative facilities and equipment e.g. analytical and preparative chromatography, centrifugation, mass spectrometry, UV/Vis spectrometry, multi label microplate instrumentation, freeze-dryers, gel imagers. 2. Development and advancement of techniques and applications of the equipment. Teaching theoretical and practical aspects of biochemical and molecular biology techniques and instrumentation to academic and technical staff, postgraduate and undergraduate project students to ensure that they are able to use the facilities effectively and safely. 3. Advising users on suitable experimental design, data presentation and interpretation of results obtained. Undertaking project work with research staff, supervision of experiments by postgraduate research and undergraduate project students. Contributing to research publications. 4. Managing advanced bookings and forward planning use of the equipment, balancing and prioritizing the needs of research, teaching and, potentially, commercial users. 5. To carry out the duties of Biomedical and Life Sciences Radiation Officer (DRO) i.e. supervision, organisation and security of the Biology department radioisotope suite. Registration of radiation workers, writing schedules of work, authorising purchase of radioactive materials, secure storage and issue of radioactive materials, ensuring safe disposal of radioisotopes and that all relevant records are maintained in accordance with the Local Rules. 6. To manage the safe use of the facilities by all other users including ensuring that all relevant risk assessments are in place. 7. Provision of technical services to internal and external users for demonstration, training or exploratory purposes. 8. Responsible for arranging upgrades, routine maintenance, repair and servicing of instruments and associated equipment. Sample preparation for instrument calibration, troubleshooting and performance verification. 	

9. To undertake ongoing training and continuing professional development as appropriate to the requirements of the role.

10. To carry out any administrative or other duties appropriate to the role as directed by the Technical Manager or Head of Department.