

Job Title: Research Technician
Grade: 5
Salary: £22,417 - £26,715 per annum
Department: Molecular and Cell Biology
Hours/Contract: Full Time, 35 hours per week
Reference: 1508

Role Purpose

To provide technical support to the research goals of the sLOLA grant entitled, 'How do RNA-binding proteins control splice site selection?'. This will involve support work and conducting experiments, using a range of techniques, under the guidance of the Principal Investigator and the executive board of the consortium.

To assist staff, postgraduate students, undergraduate project students and other workers within the research group in the use of equipment and techniques.

Resources Managed

Equipment resources and stocks of lab consumables in connection with the research project.

| Principal Responsibilities | % Time |
|---|--------|
| <ul style="list-style-type: none"> Plan and carry out routine work in support of the project including cell culture, preparation of nuclear extracts, protein purification, cloning & mutagenesis. | 45 |
| <ul style="list-style-type: none"> Prepare materials and equipment for use within the research project. Assist with the development of new experimental techniques, methods and systems to improve the research outcomes. | 20 |
| <ul style="list-style-type: none"> Provide guidance, support and training to staff and students within own area, on the use of specialist equipment. | 10 |
| <ul style="list-style-type: none"> To carry out general laboratory activities in order to maintain a safe working environment and adhere to health and safety procedures affecting self and others at all times. | 10 |
| <ul style="list-style-type: none"> Determine requirements for the project's equipment resources and ensure they are maintained and in good working order. Arrange equipment repairs to ensure the efficient running of the research programme or order new equipment. | 5 |
| <ul style="list-style-type: none"> Determine requirements for consumable stocks for the research project and procure as necessary. Respond to requests for data or reagents from outside the laboratory and ensure that any data sent are accompanied by a description of the file formats and the relationship of the data to published research. | 5 |
| <ul style="list-style-type: none"> Ensure that data collected by all members of the sLOLA programme are stored securely and properly annotated. | 5 |
| Internal and External Relationships | |
| <ul style="list-style-type: none"> Daily liaison with PI and other members of the research group | |



- Daily interaction with students and others within the lab and sLOLA consortium, to provide assistance and training, as required
- Attendance and participation at research group/lab meetings. Every 4th or 8th month the consortium meetings will be outside the university and may involve travel and an overnight stay. Attendance at these is optional.
- Communication with other researchers involved with the research project, internal and external to the University. In particular, with the consortium workers in Glasgow to ensure proper data storage.

Planning and Organising

- Plan and organise own work
- Plan consumables and equipment procurement within budgetary constraints

Qualifications, Knowledge and Experience

Essential

- Technical or scientific education to ONC /NVQ3 level or equivalent*
- Expertise with relevant office and other software packages*
- Prior work experience with this area
- Some practical experience of applying research skills and techniques*

Desirable

- Degree in subject relevant to the research subject

Skills, Abilities and Competencies

Essential

- Well-developed understanding of Health and Safety regulations and procedures
- Ability to work as part of a team
- Good oral and written communication skills*
- Ability to organise own activities
- Resourcefulness in delivery of technical support
- Ability to assess problems and take appropriate action

****Criteria to be used in shortlisting candidates for interview***

Criminal Declaration

If you become an employee, you must inform your manager immediately, in writing, if you are the subject of any current or future police investigations/legal proceedings, which could result in a criminal offence, conviction, caution, bind-over or charges, or warnings.



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VITAL

The University encourages all staff to live our [VITAL values](#) which are:
Valuing People, Innovators, Together, Accountable, Leaders.

Equality and Diversity

We believe that equality, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equality support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equality, diversity and inclusion.

