JOB DESCRIPTION
Research Technician, Jackson-Jones Laboratory
Vacancy Ref: N2446

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Research Technician</th>
<th>Present Grade:</th>
<th>5/6</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>Faculty of Health and Medicine, Division of Biomedical and Life Sciences</td>
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<td>Directly responsible to:</td>
<td>Dr Lucy Jackson-Jones</td>
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<td>Supervisory responsibility for:</td>
<td>Undergraduate project students</td>
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Job Purpose:
The post holder will provide scientific and local health and safety management and record keeping for the research laboratory of Lucy Jackson-Jones based in the division of biomedical and life sciences. The role will include providing technical and general lab support for the PI, doctoral students and postdoctoral researchers within the group and contributing to current research projects ongoing in the group. The post holder will provide crucial support for the PIs research programme. Certain studies will not be possible without the input of the appropriately skilled post holder, as described in person specification.

Main responsibilities
- The post holder will provide specialized skills and working knowledge of small animal handing, colony management and genotyping.
- The post holder will support a variety of molecular and cellular biology and in vivo studies (including tissue culture, flow-cytometry, immuno-fluorescence staining, confocal microscopy and real time PCR techniques) and prepare and conduct defined experiments, accurately record and collect a variety of research data and provide summaries of results.
- Following initial direction, the post holder will work independently on many aspects of the job and organise their own schedule and aim to resolve most work problems independently, without reference to more senior colleagues. Assist in the investigation of and devise solutions to more complex issues presented by the tasks they are responsible for.
- The post holder will be aware of the health and safety risks associated with the working environment, including contact with animal allergens, chemicals and biological samples and work safely within LU health and safety requirements.
- The post holder will provide standard guidance and advice to junior colleagues/students and will be responsible for making sure tasks are completed correctly, to schedule and in compliance with LU H&S requirements to ensure safe and smooth running of their laboratory area.
- The post holder will be responsible in their area of work, for ensuring the provision of associated study consumables (ranging from standard laboratory consumable needs to more specialist items) and the maintenance and operation of appropriate specialist research equipment.

Other contacts
Internal:
The post holder is expected to build and maintain excellent relationships with the PI, colleagues, students and management including Other academic, technical and research staff in the division of biomedical and life sciences

External:
Associated staff involved in the project at other Universities.