JOB DESCRIPTION
Research Technician, Jackson-Jones Laboratory
Vacancy Ref: N2562

Job Title: Research Technician
Present Grade: 6

Department/College: Faculty of Health and Medicine, Division of Biomedical and Life Sciences

Directly responsible to: Dr Lucy Jackson-Jones

Supervisory responsibility for: Undergraduate project students

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:
• Provide specialized skills and working knowledge of small animal handling, colony management and genotyping.
• Preparation of human pleural fluid samples for down-stream analysis.
• 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 including written reports.
• To contribute to the running of the research group, through technical training, and contributing to data and resource management in the group.
• To monitor lab consumable stocks, pass orders and manage lab budget coordinating with PI.
• Assist in the investigation of and devise solutions to more complex issues presented by the tasks they are responsible for.
• To provide health and safety training to lab members, fill and update COSSH and risk assessment forms working with an awareness of the health and safety risks associated with the working environment, including contact with animal allergens, chemicals and biological samples.
• To provide technical training and assist PI with supervision of undergraduate and graduate project students.
• To attend lab meetings, journal clubs and internal seminars as appropriate.
• To take responsibility for their area of work, and the maintenance and operation of appropriate specialist research equipment in collaboration with PI & chief technical manager.
• To commit to undergo further training as deemed appropriate by the PI for the success of the project, as well as professional development, in line with Lancaster University policy.
• Any other duties appropriate to the grade and position as directed by line manager.

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.