**JOB DESCRIPTION**

**Job Title:** Research Assistant to Professor George Dickson (Chair of Molecular Cell Biology)

**Department / Unit:** School of Biological Sciences

**Job type** Research

**Grade:** 7

**Accountable to:** PI

**Accountable for:** N/A

**Purpose of the Post**

- Assist with the running of a multi-centre, multi-personal research programme.
- Conducting high technology lab activities in bioinformatics, molecular biology, cell biology, immunology, gene transfer, animal immunisation, OPMD, DMD, muscular dystrophy, gene therapy, muscle biology.
- Experience of working with many types of gene therapy and gene transfer vector, including and AAV.
- Conducting experimental procedures under Home Office licensed conditions. Ideally has held an HO personal licence.
- Independent design, execution, interpretation and writing up of experimental research programmes.
- Initiative and innovation in the development of research objectives and new lines of investigation.
- Monitoring RCI-related deliverables and milestone achievements.
- Contribution to the production of various monthly, quarterly and annual RCI-related research reports and their publication.
- Working to deadlines under time pressures if required.
- Ability to work independently. Planning own day to day research activity with limited supervision by the PI.
- Deputising at RCI-related meetings, which may involve travel abroad for limited periods.
- Assistance with writing, proof-reading and editing publications, grant applications and other documents.
- Conducting and producing risk assessments, and contributing to legal HSE compliance, safety culture and systems in Professor Dickson’s laboratory.
- Assistance with selecting and ordering high cost equipment and reagents.
- Assistance with the routine functioning, servicing and repair of equipment.
- Assistance with routine lab management, RCI consumable budget control & housekeeping activities.
- Supervising of UG, PGT and PGR students conducting project work.

**Other Duties**

The duties listed are not exhaustive and may be varied from time to time as dictated by the changing needs of the College. The post holder will be expected to undertake other duties as appropriate and as requested by his/her manager.

The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted.