## JOB DESCRIPTION

<table>
<thead>
<tr>
<th><strong>Job Title:</strong></th>
<th>Graduate Researcher in Antisense and drug development for Duchenne muscular dystrophy</th>
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</thead>
<tbody>
<tr>
<td><strong>Department / Unit:</strong></td>
<td>SBS (Dr Popplewell lab team)</td>
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<td><strong>Grade:</strong></td>
<td>RHUL 6</td>
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<td><strong>Accountable to:</strong></td>
<td>Dr Linda Popplewell</td>
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<td><strong>Accountable for:</strong></td>
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### Purpose of the Post

Assist with the running of a multi-centre, multi personnel research programme. Conduct high technology lab activities in antisense drug design, RNA splicing, bioinformatics, molecular biology, cell biology, immunohistology, western blotting, flow cytometry (FACS), gene transfer, in vivo experimentation, neurofibromatosis, OPMD, DMD, muscular dystrophy, gene therapy, muscle & nerve biology.

### Key Tasks

- Work with many types of antisense, gene therapy and gene transfer systems and vectors, including AAV.
- Independently design, execute, interpret and write up experimental research programmes.
- Use 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.
- Work to deadlines under time pressures if required.
- Work independently. Planning own day-to-day research activity with limited supervision by the PI.
- Deputise at RCI-related meetings, which may involve travel abroad for limited periods.
- Assist with writing, proof-reading and editing publications, grant applications and other documents.
Conduct and produce risk assessments, and contribute to legal HSE compliance, safety culture and systems in Dickson/Popplewell laboratory.

Assist with selecting and ordering high cost equipment and reagents.

Assist with the routine functioning, servicing and repair of equipment.

Assist with routine lab management, RCI consumable budget control & house-keeping activities.

Supervise 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 will actively follow Royal Holloway policies including Equal Opportunities policies. The post holder will also observe Fire and Health and Safety Regulations.

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

**Internal and external relationships**

The following list is not exhaustive but the post holder will be required to liaise with:

- Members of the research group
- Other staff members of the department/school
- Colleagues in other universities/other research facilities
- Visitors, collaborators and suppliers to the department/school