JOB DESCRIPTION

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Postdoctoral Researcher in Antisense and Drug Development for Neurofibromatosis</th>
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</thead>
<tbody>
<tr>
<td>Department / Unit:</td>
<td>SBS (Dr Popplewell lab team)</td>
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<tr>
<td>Job type</td>
<td>Research</td>
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<tr>
<td>Grade:</td>
<td>RHUL 7</td>
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<td>Accountable to:</td>
<td>Lecturer in Biomedical Sciences</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.

Conduct experimental procedures under Home Office licensed conditions and has held an HO personal licence.

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