



JOB DESCRIPTION

Job Title:	Postdoctoral Research Associate (AMC 2021)
Department / Unit:	Biological Sciences (Dr Augustin lab team)
Job type	Research (Full time, fixed term)
Grade:	7
Accountable to:	Dr Hrvoje AUGUSTIN
Accountable for:	
Purpose of the Post	
<p>Assist with the running of a multi-personnel research programme.</p> <p>Participate in lab activities that include <i>Drosophila</i> maintenance and genetics, electrophysiology, bioinformatics, molecular biology, cell biology, immunohistology, western blotting, in vivo experimentation, dementia, amyotrophic lateral sclerosis, muscle biology.</p>	
Key Tasks	
Work with different <i>Drosophila melanogaster</i> lines, design and perform genetic crosses, conduct physiological, behavioural, imaging and molecular experiments and computational analyses.	
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 lab-related deliverables and milestone achievements.	
Contribution to the production of various monthly, quarterly and annual lab-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 lab-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 Augustin laboratory.
Assist with selecting and ordering equipment and reagents.
Assist with the routine functioning, servicing and repair of equipment.
Assist with routine lab management, lab consumable budget control & house-keeping activities.
Supervise UG, PGT and PGR students conducting project work.
Other Duties
<p>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.</p> <p>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.</p> <p>The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted.</p>
Internal and external relationships
<p>The following list is not exhaustive but the post holder will be required to liaise with:</p> <ul style="list-style-type: none"> 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