### JOB DESCRIPTION

**Senior Post-doctoral Research Associate in Trypanosome Gene Regulation**: Heat shock signaling and response in African trypanosomes  
**Vacancy Ref:** A3420

<table>
<thead>
<tr>
<th><strong>Job Title:</strong></th>
<th>Senior Post-doctoral Research Associate</th>
<th><strong>Present Grade:</strong></th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Department/College:</strong></td>
<td>Biomedical and Life Sciences</td>
<td><strong>Directly responsible to:</strong></td>
<td>Dr Mick Urbaniak</td>
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<tr>
<td><strong>Supervisory responsibility for:</strong></td>
<td>Research and project students</td>
<td><strong>Other contacts</strong></td>
<td></td>
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**Internal**: Members of the Urbaniak lab and other academic, research and support staff and students within the Division of Biomedical and Life Sciences.

**External**: Scientist within the academic community, proteomic and functional genomic database providers, funding bodies, societies and research networks, and the general public during outreach activities.

**Major Duties:**
- To conceive research, design and perform experiments, analyse data and interpret results; specifically to investigate the mechanisms by which African trypanosomes sense and respond to heat shock using genetic and proteomic approaches
- To participate actively in the running of the research group, by providing technical training and contributing to data and resource management in the group
- To communicate research findings during lab meetings, journal clubs and internal seminars
- To participate in national and international conferences, presenting the results of the project and learning about current advances in the field
- To prepare manuscripts for publication
- To supervise undergraduate and graduate project students
- To develop research projects and new lines of enquiry in collaboration with the PI (Dr Mick Urbaniak)
- To contribute to the writing of funding applications to research councils and charities, either as applicant, co-applicant or named researcher
- To contribute to teaching and outreach activities in the division, as appropriate