

**JOB DESCRIPTION**

Senior Research Associate in Trypanosome Gene Regulation: Heat shock signaling and response in African trypanosomes

**Vacancy Ref:** 0747-24

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| **Job Title:** Senior Research Associate | **Present Grade:** 7 |
| **Department/College:** Biomedical and Life Sciences | |
| **Directly responsible to:** Prof Mick Urbaniak | |
| **Supervisory responsibility for:** Research and project students | |
| **Other contacts** | |
| **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 (Prof 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 | |