

**JOB DESCRIPTION**

Senior Research Associate

**Gut-brain axis in ectotherm thermotolerance**

**Vacancy Ref:** 1149-24

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| **Job Title:** Senior Research Associate | **Present Grade:** 7 |
| **Department/College:** Division of Biomedical and Life Sciences, FHM |
| **Directly responsible to:** Dr Alexandre Benedetto |
| **Supervisory responsibility for:** Undergraduate and postgraduate project students |
| **Other contacts**  |
| **Internal:** members of the Benedetto lab, postgraduate and undergraduate project students, staff in the Division of Biomedical and Life Sciences, technical and administrative support staff. |
| **External:**  Collaborating partners in Germany, France, the USA, and the UK; scientists in the field, academics, industrials and governmental agencies, funding bodies, journal editors, societies and research networks, general public during outreach activities. |
| **Major Duties:*** to develop new techniques, conceive, design and perform experiments, analyse data and interpret results, investigating host-microbe interactions and ectotherm thermotolerance as described in the grant proposal.
* to plan and organise field collections with collaborators, to collect and process environmental samples in the field and at our collaborators’ institutions, as required by the project
* to undergo *ad hoc* training in bioinformatics, data handling and image acquisition and analysis at collaborating institutions, as required by the project
* to communicate research findings during lab meetings, internal seminars, and at national and international conferences
* to regularly review the relevant literature and prepare manuscripts for publication
* to develop research projects and new lines of enquiry in collaboration with the PI, collaborators and the PhD student
* to contribute to and lead the writing of funding applications for fellowships or as named postdoc in collaboration with the PI
* to supervise undergraduate and graduate project students, and provide training for other members of the laboratory as required
* to take an active role in the running of the research group, contributing to laboratory maintenance and other duties as appropriate, coordinating with other team members
* to contribute to teaching and outreach activities, if desired, in consultation with the PI.
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