1 Advertisement

Post Title: Research Assistant
School/department: Brighton and Sussex Medical School
Hours: full time considered up to a maximum of 36.5 hours per week. Requests for flexible working options will be considered (subject to business need).
Contract: fixed term until 04/01/2022 or for 5 months
Reference: 6405
Salary: starting at £30,046 to £33,797 per annum
Placed on: 21 July 2021
Closing date: 10 August 2021. Applications must be received by midnight of the closing date.
Expected start date: As soon as possible

We have a vacancy for a Research Assistant position to join the lab of Dr. Jimena Berni in the Department of Neurosciences, based at the University of Sussex Falmer campus. We investigate how Hox genes orchestrate the diversification of motor circuits during nervous system development.

The post holder will use *Drosophila melanogaster* to investigate the functional relevance of Hox genes-controlled morphologies for the specification of local circuit mostly performing and analysing calcium imaging experiments. They will also oversee the maintenance of the fly stock collection (2 days/month).

The ideal candidate will already have hands on experience working with flies. Experience in calcium imaging & cell biology will be an advantage. They will be well motivated, reliable, be able to work on their own as well as in a team.

Please contact Dr Jimena Berni j.berni@sussex.ac.uk for informal enquiries.

The University is committed to equality and valuing diversity, and applications are particularly welcomed from women and black and minority ethnic candidates, who are under-represented in academic posts in Science, Technology, Engineering, Medicine and Mathematics (STEMM) at Sussex.

"Please note that this position may be subject to ATAS clearance if you require visa sponsorship."

For full details and how to apply see our vacancies page

[www.brighton.ac.uk/jobs](http://www.brighton.ac.uk/jobs)  [www.bsms.ac.uk](http://www.bsms.ac.uk)

The University of Sussex values the diversity of its staff and students and we welcome applicants from all backgrounds.
2. **The School / Division**

Please find further information regarding the school/division at [https://www.bsms.ac.uk/about/contact-us/staff/dr-jimena-berni.aspx](https://www.bsms.ac.uk/about/contact-us/staff/dr-jimena-berni.aspx)

3. **Job Description**

Job Description for the post of: Research Assistant

**Department:** Neuroscience

**Section/Unit/School:** Brighton and Sussex Medical School

**Location:** Medical Research Building, Falmer campus

**Grade:** 6

**Responsible to:** Wellcome TRust and Royal Society Sir Henry Dale Fellow

**Responsible for:** Job Title of direct line reports (if applicable)

- We have a vacancy for a Research Assistant position to join the lab of Dr. Jimena Berni in the Department of Neurosciences, based at the University of Sussex Falmer campus. We investigate how Hox genes orchestrate the diversification of motor circuits during nervous system development.

- The post holder will use *Drosophila melanogaster* to investigate the functional relevance of Hox genes-controlled morphologies for the specification of local circuit performing and analysing calcium imaging experiments and Immunostainings. They will also be in charge of the maintenance of the fly stock collection.

- The ideal candidate will already have hands on experience working with flies. Experience in calcium imaging & cell biology will be an advantage. They will be well motivated, reliable, be able to work on their own as well as in a team.

4. **Person Specification**

- **Essential skills:**
  - Relevant Bachelors, Masters degree in a bio-medical sciences subject
  - Excellent analytic, design, and scientific skills
  - Good interpersonal skills and an ability to work as part of a team
  - The ability to organise time and work effectively, independently and responsibly.

- **Desirable skills:**
  - Prior experience working with *Drosophila* and/or performing calcium imaging experiments would be beneficial
- Prior experience in fluorescent microscopy and genetics would be an advantage.