

**Faculty of Biological Sciences  
School of Biomedical Sciences**

**Summer Research Placement  
8 weeks, between 10/06/24-05/08/24**

### **Job Summary**

Stipend is £270 per week.

Informal enquiries may be made to Dr Emily A Caseley

To apply, please send your CV and a covering letter (200-300 words maximum)

Closing Date: Noon on 9<sup>th</sup> February 2024

Interviews: tbc

### **Job Description**

Reports to: Dr Emily Caseley

#### **Main Duties and Responsibilities**

Carrying out *in silico* docking experiments of natural products against the KCNT1 potassium ion channel structure.

Carrying out tissue culture to maintain and plate HEK293 cells in order to carry out multiwell plate fluorescence assays.

Analysing and presenting the resulting data in lab meetings.

### **Person Specification**

#### **Essential**

A background in biology.

The ability to work well both independently and as part of a team.

Strong initiative and a pro-active approach, with excellent organisational, planning and self-management skills.

Excellent written and verbal communication skills.

#### **Desirable** (optional to include this)

An understanding of, and enthusiasm for, the field of ion channel research and/or human health and disease.

Experience in tissue culture techniques.

Experience in compound docking.

## **Additional Information**

Details of the terms and conditions of employment for all staff at the university, including information on pensions and benefits, are available on the Human Resources web pages accessible via the links on the right hand side, or at <http://www.leeds.ac.uk/hr/index.htm>

## **Criminal Record Disclosures**

A Criminal Records Disclosure is not required for this position. However, applicants who have unspent convictions must indicate this in the 'other personal details' section of the application.

## **Disabled Applicants**

The post is located in the Faculty of Biological Sciences. Disabled applicants wishing to review access to the building are invited to contact the department direct. Additional information may be sought from the Recruitment Officer, email [disclosure@leeds.ac.uk](mailto:disclosure@leeds.ac.uk) or tel + 44 (0)113 343 1723.

Disabled applicants are not obliged to inform employers of their disability but will still be covered by the Disability Discrimination Act once their disability becomes known.

**Further information for applicants with disabilities, impairments or health conditions is available in the applicant guidance.**

## **University Values**

All staff are expected to operate in line with the university's values and standards, which work as an integral part of our strategy and set out the principles of how we work together. More information about the university's strategy and values is available at <http://www.leeds.ac.uk/comms/strategy/>