

**Faculty of Biological Sciences
School of Biology**

**Summer Research Placement
8 weeks, between 3rd July to 25th August (dates subject to flexibility)**

Job Summary

Stipend is £270 per week.

Informal enquiries may be made to Dr. Suruchi Roychoudhry
(S.Roychoudhry@leeds.ac.uk)

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

Closing Date: Noon on 2nd February 2024
Interviews: 27th February 2024

Job Description

Reports to: Dr. Suruchi Roychoudhry

Main Duties and Responsibilities:

Investigating the effect of the novel 'LAZY4D' point mutation on protein stability and subcellular targeting using transient protein expression in *Nicotiana benthamiana*. Preparation and sterilisation of plant tissue culture media. Growing and maintaining *N. benthamiana* and *Arabidopsis thaliana* plants in tissue culture glasshouses. Transient infiltration of *N. benthamiana*. Protein extraction and western blotting. Live cell confocal microscopy and image analysis.

Person Specification

Essential:

1. Knowledge of growing and looking after plants
2. Basic molecular biology skills including cloning and bacterial transformation
3. Tissue culture including aseptic technique

Desirable:

1. Some knowledge of microscopy would be advantageous but not essential.
2. Some experience of working with proteins would be advantageous but not essential

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 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/>