

Person Specification

Senior/ Research Associate in Plant Molecular Biology

Ref: A3511

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview* |
|---|-------------------------|---|
| PhD or extensive experience in plant biology or a related discipline | Essential | Application Form (CV) |
| Genuine interest in research and motivation to actively contribute to advance knowledge on the regulation of photosynthesis | Essential | Application Form (Cover Letter) / Interview |
| Ability to communicate well with colleagues and maintain effective working relationships with staff, students, and other internal and external contacts | Essential | Supporting Statements / Interview |
| Experience of characterising photosynthetic traits in plants of diverse genotypes | Essential | Supporting Statements / Interview |
| Expertise in plant protein biochemistry, including molecular characterisation of enzymes | Desirable | Supporting Statements / Interview |
| Experience of data collection, analysis, presentation, and interpretation using robust methods | Essential | Supporting Statements / Interview |
| Ability to present information and communicate research clearly and accurately in appropriate formats, including oral presentations and scientific publications | Essential | Supporting Statements / Interview |
| Experience of Rubisco studies, including an understanding of its biochemistry, structure and regulation, experience of measuring Rubisco activity <i>in vitro</i> | Desirable | Supporting Statements / Interview |
| Experience of designing engineering approaches to adjust expression of specific genes | Desirable | Supporting Statements / Interview |
| A background in crop photosynthesis | Desirable | Application Form (Cover Letter) / Interview |

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- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicant are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.