**Person Specification – Postdoctoral Research Associate:** **Cell and Developmental Biology**

**Ref: 0516-24**

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| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| A PhD in a relevant field, e.g. Developmental/Cell Biology, Molecular Biology, single cell RNAseq, ATACseq  | Essential | Application form |
| Publication record appropriate to stage of career | Essential | Application Form |
| Laboratory experience in cell culture and molecular / cell biology techniques | Essential | Supporting Statement/Interview |
| Expertise in experimental design and data interpretation  | Essential | Supporting Statement / Interview |
| Ability to trouble shoot experiments and solve problems creatively | Essential | Supporting Statement / Interview |
| Effective interpersonal skills, including evidence of working collaboratively within a team  | Essential | Supporting Statement / Interview |
| Ability to communicate research findings effectively | Essential | Interview |
| An interest in developmental biology and/or patterning | Essential | Supporting Statement / Interview |
| Ability to write manuscripts and grant proposals | Essential | Supporting Statement / Interview |
| Experience in confocal microscopy, live imaging, and image analysis  | Desirable | Supporting Statement / Interview |
| Experience in the analysis of RNAseq/ATACseq  | Desirable | Supporting Statement / Interview |
| Experience in mouse developmental biology and dissection | Desirable | Supporting Statement / Interview |
| Experience in gene targeting (CRISPR) and/or RNA interference | Desirable | Supporting Statement / Interview |
| Enthusiasm to acquire knowledge and technical expertise in new fields | Desirable | Supporting Statement / Interview |
| Ability to motivate, teach and supervise undergraduate or postgraduate students  | Desirable | Supporting Statement / Interview |
| Appreciation of the importance of mathematical modelling approaches in biology | Desirable | Supporting Statement / Interview |
| Hold a home office personal licence for working with mouse models | Desirable | Supporting Statement / Interview |

* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence e.g. award of a qualification. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicants 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.