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## Human Resources

## Recruitment Handbook

**SELECTION CRITERIA**

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| **POSITION DETAILS** |  |
| **School/Branch:** | Adelaide Medical School |
| **Classification** | Level A - Associate Lecturer - (Research Only) |

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| **ESSENTIAL MINIMUM CRITERIA** |
| 1. PhD in relevant biological subject (molecular biology, biochemistry, genetics or related) or near completion 2. Laboratory experience in a wide range of standard molecular and cell biology techniques, such as mammalian cell culture, nucleic acid isolation, and DNA / RNA / protein / chromatin extraction and analysis 3. Ability to rapidly learn new techniques and to tackle experimental bottlenecks creatively 4. Excellent problem-solving abilities and good understanding of basic statistics 5. Excellent communication skills (oral and written) 6. Good publication record |

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| **DESIRED CHARACTERISTICS** |
| 1. Experience in epigenetics/chromatin techniques and library preparations for NGS and /or single-cell sequencing 2. Programming experience in at least one programming language (preferably R or Python) and experience with NGS data processing pipeline 3. Experience working with mouse models 4. Ability to co-supervise Higher Degree by Research students |

**SELECTION CRITERIA**

Use this form to define the selection criteria for an academic position at the University of Adelaide.

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| **POSITION DETAILS** |  |
| **School/Branch:** | Adelaide Medical School |
| **Classification** | Level B - Lecturer - (Research Only) |

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| **ESSENTIAL MINIMUM CRITERIA** |
| 1. PhD in relevant biological subject (molecular biology, biochemistry, genetics or related) 2. Significant laboratory experience in a wide range of standard molecular and cell biology techniques, such as mammalian cell culture, nucleic acid isolation, and DNA / RNA / protein / chromatin extraction and analysis 3. Strong publication track record with evidence of independence 4. Demonstrated ability to conduct independent research, including leading research, where applicable 5. Demonstrated experience in the preparation of grant and fellowship proposal submissions to external funding bodies 6. Evidence of being involved in professional activities related to the research 7. Demonstrated ability to supervise postgraduate and honours students and junior research staff 8. Ability to rapidly learn new techniques and to tackle experimental bottlenecks creatively 9. Excellent problem-solving abilities and good understanding of basic statistics 10. Excellent communication skills (oral and written) |

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| **DESIRED CHARACTERISTICS** |
| 1. Experience in epigenetics/chromatin techniques and library preparations for NGS and /or single-cell sequencing 2. Programming experience in at least one programming language (preferably R or Python) and experience with NGS data processing pipeline 3. Experience working with mouse models |