



## Position Description

**Title of Position:** Bioinformatician

**Reporting to:** Principal Research Scientist – Molecular Biology

### Overview:

This position is associated with the government funded National Collaborative Research Infrastructure Scheme II (NCRIS II), through Bioplatforms Australia (BPA). More specifically it is to support BPA/AWRI collaborative projects in wine research. The position is to be located at the AWRI, at the Waite Precinct, Adelaide, South Australia. The primary aim of the position is to provide bioinformatics support in genomics, transcriptomics and systems biology.

### Qualifications:

A degree in a relevant discipline and expertise and in bioinformatic analysis of next generation sequence data.

### Principal Accountabilities:

1. Principal data analyst for projects involving next generation sequence data analysis, including (but not limited to) comparative genomics, genome assembly, transcriptomics and metagenomics.
2. Accepts that all Intellectual Property, Patents and discovery arising during the course of employment at the AWRI remains the property of the AWRI.
3. Undertakes other duties as directed by the Managing Director (AWRI).
4. Promotes the general well being of The AWRI.

### Person Specification:

1. Possess the technical and analytical proficiency to analyse genomic and transcriptomic experimental data.
2. Work independently.
3. Ability to work and communicate successfully within a multi disciplinary environment.
4. Good oral and written communication skills.
5. Working knowledge of statistical analyses required of 'Omics data analysis.
6. Familiarity with Next Generation Sequencings data analysis software.
7. Familiarity with Linux computing environment.

### **Occupational Health Safety Welfare and Environment Responsibilities:**

1. Take reasonable care in regard to health, safety and the environment at work.
2. Avoid adversely affecting the health and safety of any other person through any act or omission at work.
3. Ensure that by the consumption of alcohol or drugs, they are not in such state as to endanger their own safety at work or the safety of any other person.
4. Not wilfully interfere with or misuse items or facilities provided in the interest of health, safety or welfare of employees.
5. Report all accidents, incidents, injuries, property damage in accordance with AWRI agreed procedures.
6. Comply with the use and utilisation of appropriate personal protective equipment.
7. Participate in activities associated with the management of workplace health safety welfare and environment policies, procedures and management systems.
8. Support and use appropriate consultative structures.