# Position Details

## Technical Services- CSOF3

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| The following information is for applicants |
| Advertised Job Title | Research Technician – Molecular Virology |
| Job Reference | 71950 |
| Tenure | Specified Term of 3 years Full-time |
| Salary Range | AU$63,594 to AU$80,937 pa + up to 15.4% superannuation |
| Location(s) | Black Mountain, ACT  |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | * Australian/New Zealand Citizens and Australian Permanent Residents
* Australian temporary residents currently residing in Australia (visa sponsorship may be provided to eligible candidates)
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| Position reports to the | Team Leader – Rabbit Biocontrol |
| Client Focus – Internal | 0% |
| Client Focus – External | 100% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Robyn Hall via email at: Robyn.Hall@csiro.au or phone: +61 2 6246 4245 |
| How to apply | Apply online at <https://jobs.csiro.au/> Internal applicants please apply via **Jobs Central**If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220. |

### Role Overview

The role of Technical Staff in CSIRO is to provide support for scientific research in a diverse range of laboratory and field situations across a range of different research projects. This support consists of the application of accepted technical practices and the development of new practices. The work is usually carried out as a member of a centralised service.

The Research Technician – Molecular Virology will be part of a multidisciplinary team investigating the epidemiology of rabbit caliciviruses in the context of their use as biocontrol agents to manage feral rabbit populations in Australia. The Technician will provide essential support for the development and validation of serological and molecular assays to discriminate between different caliciviruses affecting rabbit populations in Australia. They will also assist with other project aspects such as histopathology, field work, and animal husbandry.

### Duties and Key Result Areas:

* Under technical direction undertake experiments, laboratory analyses or technology development activities (some non-routine) using a range of techniques, often working on a number of parallel and competing tasks.
	+ Optimise, run, and analyse serological assays (ELISAs and Luminex assays).
	+ Assist with molecular research investigating the epidemiology and fundamental biology of rabbit caliciviruses (including RNA extractions, RT-qPCR, RT-PCR, Sanger sequencing, and Illumina and Nanopore sequencing).
	+ Assist with other project aspects such as histopathology, general laboratory duties, animal husbandry, and sample collection.
* Undertake and complete tasks under technical direction, working with discretion to decide on the timing of operations within the work team’s plan and planning ahead to meet experiment and/or project demands.
	+ Coordinate project field work activities.
	+ Assist with maintaining databases and accurate, up to date laboratory protocols and records.
* Oversee the activities of less experienced staff and provide guidance on experimental/ technological techniques and protocols.
* Design new processes by adapting existing techniques and components to meet special circumstances or undertake modifications to methods requiring some innovation.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Other duties as directed.

## **Required Competencies:**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. Relevant bachelor’s degree or equivalent relevant work experience in Molecular Biology or a related field.
2. Demonstrated knowledge or skills in Molecular Biology and immunological techniques, such as enzyme-linked immunosorbent assays, Luminex assays, nucleic acid extractions, PCR, quantitative PCR, and/or sequencing.
3. Experience effectively managing several competing priorities simultaneously and carrying out non-routine tasks under general direction.
4. The ability to communicate courteously and effectively with other members of the project team, external collaborators, and stakeholders.

## **Desirable:**

1. Strong attention to detail and organisational skills, especially with record keeping and maintenance of electronic databases.
2. Experience with Histopathology.
3. Experience and a willingness to work with wild and laboratory rabbits, including conducting post-mortem sampling.
4. A current and valid Australian manual driver’s licence.

Special Requirements

Appointment to this role will be subject to the following conditions:

* To be eligible for this role, you must be willing and able to work with animals, as assistance with animal husbandry and animal experiments may be requested. You must not have any allergies to rabbits.
* The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* If the successful candidate is not an Australian Citizen or Permanent Resident, they may be required to undergo additional security clearances, which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).- https://ielts.com.au/

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• People First

• Further Together

• Making it Real

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