# Position Details

## Research Projects- CSOF4

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| The following information is for applicants |
| Advertised Job Title | Virologist |
| Job Reference | 67108 |
| Tenure | Indefinite  |
| Salary Range | AU$83,687 to AU$94,679 pa + up to 15.4% superannuation |
| Location(s) | Geelong, Victoria |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian Citizens  |
| Position reports to the | Team Leader, Pathology and pathogen Biology |
| Enquire about this job | Contact John via email at john.bingham@csiro.au or phone +61 3 5227 5008 |
| 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

Research Projects staff in CSIRO collaborates in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work.

This virologist/molecular biologist position will be based within CSIRO’s Australian Centre for Disease Preparedness (ACDP, formerly known as AAHL – Australian Animal Health Laboratory) and will bring expertise in support of diagnostic and research projects, for the purpose of mitigating the effects of viral agents on society, the economy and the environment. The successful candidate will provide expertise in virology, molecular biology and other relevant disciplines to various research projects based at ACDP. They will help develop and apply diagnostic assays and other testing processes to specific experimental objectives, they will manage laboratory facilities and will supervise and train early career scientists.

The role will require working with dangerous human and veterinary pathogens at high levels of bio-containment. The successful candidate will need to meet ACDP microbiological security and security assessment requirements and to undergo medical and psychological assessments.

We’re working hard to recruit diverse people and ensure all our people feel supported to do their best work and empowered to let their ideas flourish. If you believe that your skills are a close match for this position, and you would like additional information, please Dr. John Bingham via email.

### Duties and Key Result Areas:

* Under the direction of senior research scientists, carry out innovative, impactful research of strategic importance to CSIRO that will, where possible, lead to novel and important scientific outcomes.
* Oversee students and early career scientists and assist them in conducting their research.
* Provide general laboratory support relevant to high containment laboratories, including at level PC3/PC4 and under SSBA, OGTR and Department of Agriculture regulatory frameworks.
* Under the direction of project leaders and line managers, conduct relevant technical procedures, including advanced cell culture systems, virological analyses, immunostaining and molecular biology methods.
* Provide scientific and technical expertise and advice for projects.
* Produce high quality scientific papers suitable for publication in quality journals and at conferences.
* Contribute to the development of innovative concepts and ideas for further research.
* Make significant contributions to the interpretation and communication of research or technological results and may collaborate on drafting presentations to, and/or detailed written reports for, clients and the scientific and/or technology community.
* Under general direction participate in planning projects and accept responsibility for the scheduling and completion of major parts of projects, including allocating and directing tasks where appropriate.
* Provide coaching, on-the-job training and instruction to colleagues, on activities pertaining to the immediate work area and responsibilities, allocate activities, direct tasks and manage resources to meet objectives, as required.
* Adapt and/or develop original experimental methods/equipment/software/concepts/ ideas in support of existing and further research, promptly addressing where methods may not be defined, and initiative is required in seeking new approaches to meet experimental and/or technological needs.
* 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:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
* **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
* **Resource Management/Leadership:** Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.
* **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## **Selection Criteria**

#### Essential

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

1. Tertiary qualifications in virology, molecular biology or other relevant field, or equivalent relevant work experience, and demonstrated post-graduate experience in a relevant area of scientific research.
2. Demonstrated experience in contributing to experimental research, including planning and implementing research projects.
3. Demonstrated experience in data analysis and writing/presenting scientific reports.
4. Willingness to participate in experiments using animals infected with pathogens.
5. Be able to follow appropriate training and competency assessment, willingness and ability to work in high containment environments.
6. Be available to work outside of regular hours, as required.

## **Desirable:**

1. Experience in working in a high-containment laboratory, including demonstrated ability to operate within national and institutional compliance frameworks.
2. Experience with the operation of a quality assurance system.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

Include if relevant:

* 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.
* The successful candidate will be required to obtain and maintain a security clearance at the Negative Vetting Level 1.
* The successful candidate will be required to undertake a pre-employment medical examination prior to commencement.
* AAHL - Security Assessment and Microbiological Security Requirements for Personnel Working on the Australian Centre for Disease Preparedness (ACDP) Site.

**Security Assessment and Microbiological Security Requirements for Personnel Working on the ACDP Site**

* The nature of our work requires that each person working on site must comply with the conditions described below.
* The appointee is required to pass a security clearance at a level appropriate to duties of the position.  Confirmation of the appointment is subject to obtaining that clearance.
* It is essential that all work on exotic or emerging diseases carried out at ACDP is conducted in a safe manner to prevent the escape of the disease agents used, and to this end, all activities and personnel will be subject to appropriate microbiological security measures. Consequently, while working at ACDP, you may not reside on a property on which are kept any of the following animals: sheep, cattle, pigs, goats, horses, asses and mules, any other cloven-hoofed animal, fowls, turkeys, geese, domestic ducks, caged birds, emus or ostriches. Personnel working with diseases of aquatic animals may not keep aquarium fish at their place of residence and personnel working with cane toad material must avoid contact with amphibians.
* In addition, for a period of seven days after working in the microbiologically secure area of AAHL, personnel may not have close contact with any of the above animals, amphibians or birds or the actual places where these animals are held or visit any aquatic animal farm or aquatic animal hatchery.
* Working in the barrier maintained Small Animal Facility requires avoidance of additional animals such as mice, rats, guinea pigs, rabbits and poultry 3 days prior to arrival.
* Personnel must abide by Occupational Health, Safety and Environment regulations. Safety signs and directives issued by CSIRO personnel must always be complied with.

## **About CSIRO:**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

Find out more about the CSIRO [Australian Centre for Disease Preparedness (formerly AAHL)](https://www.csiro.au/en/Research/Facilities/AAHL)