# Veterinary Pathologist

|  |  |
| --- | --- |
| Job Title**:** | Veterinary Pathologist |
| Reference Number**:** | 59354 |
| Classification**:** | CSOF5 |
| Salary Range: | AU$97,276 - AU$105,269 plus up to 15.4% superannuation |
| Location**:** | Australian Animal Health Laboratory, Geelong, Victoria |
| Tenure: | Indefinite |
| Relocation assistance**:** | Will be provided to the successful candidate if required. |
| Applications are open to: | Australian Citizens Only  Australian Citizens and Permanent Residents Only   * All Candidates |
| Functional Area**:** | Research Projects |
| % Client Focus - Internal: | 70 |
| % Client Focus - External: | 30 |
| Reports to: | Team Leader - Pathology and Pathogen Biology |

|  |
| --- |
| **Role Overview:** |
| The Veterinary Pathologist role within CSIRO AAHL provides anatomic pathology expertise to various facility user groups, including AAHL’s diagnostic laboratory and research teams. This role will require working at high levels of bio-containment with dangerous human and veterinary pathogens at BSL3 and BSL4.  The Veterinary Pathologist will provide pathology support for animal challenge experiments and will use their expertise in pathology to develop, implement and interpret research data in the area of zoonotic and emergency animal infectious diseases, for the purpose of mitigating their impact on Australian society, the economy and the environment. They will also communicate the outcomes of their results through written and oral means, and provide technical and policy advice when necessary. The Veterinary Pathologist will also be encouraged to sit on internal committees and relevant national advisory committees.  The successful candidate will need to meet Australian Animal Health Laboratory (AAHL) 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.  Applications should be lodged on-line at <https://jobs.csiro.au/> |

|  |
| --- |
| **Duties and Key Result Areas:** |
| The successful candidate will have the following major responsibilities in this role:   * Provide a prompt and accurate service in veterinary anatomic pathology in support of internal and external research projects and AAHL’s diagnostic program. * Support AAHL’s program to aid the detection and control of transboundary animal diseases and other zoonotic and emergency diseases in Australia and the Asia-Pacific region. * Support research projects, identifying new opportunities for relevant research, developing project proposals, securing funding support, implementing research plans, analyzing data, communicating results to stakeholders, and where necessary, assisting in the application of research outcomes, all in collaboration with internal capability teams and research partners. * Provide gross pathology expertise to research projects, including to projects conducted at BSL3 and BSL4. * Provide expertise in ultrastructural and clinical pathology to research projects and the diagnostic program. * Provide on-the-job training to technical staff and students to ensure outcomes are successful for diagnostic objectives or in accordance with research design. * Participate in AAHL’s training programs and other technology transfer seminars/workshops for veterinarians and animal health professionals from Australia and overseas. These activities may involve domestic and international travel. * Communicate the outcomes of research activity by means of peer-reviewed scientific publications, reports and reviews, and give oral presentations to scientific, client and community audiences where appropriate. * Operate under and support AAHL’s quality assurance systems, including ISO 17025 and GLP. * As required, provide general veterinary support for animal challenge studies at BSL3 and BSL4, which on occasions may require after-hours and weekend work. At all times comply with Animal Ethics and Welfare guidelines and regulations, by adhering to the code of practice, procedure and policies at all times. * Develop and maintain domestic and international networks of scientific collaborators engaged in pathogenesis studies to increase AAHL’s profile and influence. * Represent AAHL on relevant national advisory committees, as appropriate. * Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals. * Abide by the microbiological security regulations at AAHL, being aware of and adhering to the microbiological security provisions that apply to exotic disease and commercial specimen testing. * Other duties as directed. |

|  |
| --- |
| **Selection Criteria:** |
| ***Pre-Requisites:***   * **Qualifications/Experience**: A veterinary degree registrable with Veterinary Boards in Australia and post graduate experience in a relevant area of scientific research. * **Behaviours:** A history of professional and respectful behaviours and attitudes in a collaborative environment. * An ability and willingness to adhere to CSIRO AAHL microbiological security and safety requirements. * Be able to meet eligibility requirements for AAHL security clearance. * Willingness to be vaccinated against rabies, hepatitis B, Japanese encephalitis or other agents as specified. * Be able to pass medical and psychological examinations, which are required for working in a BSL4 environment. * Following appropriate training and competency assessment, willingness and ability to work in high containment environments, including PC4. * Willingness to participate in experiments using animals infected with pathogens. * Be available to work outside of regular hours, as required. * Be willing to travel domestically and overseas, as required.   ***Essential Criteria:***   1. Demonstrated post-graduate experience and practical knowledge in anatomic pathology. 2. Demonstrated experience in contributing to experimental research, including planning and implementing research projects, analysing data and writing/presenting scientific reports. 3. Demonstrated ability to work harmoniously within a team, build positive interactions with stakeholders and customers and to engage productively with business/institute commitments and objectives.   ***Desirable Criteria:***   1. Practical experience in working with animals under experimental conditions. 2. Experience with the development and/or operation of a quality assurance system. 3. Experience in electron microscopy and other high-resolution microscopy methods for the purpose of determining ultrastructural cellular changes. 4. Experience in veterinary clinical pathology.   **CSIRO is a values based organisation. You will need to demonstrate behaviours aligned to our values of:**   * Integrity of Excellent Science * Trust & Respect * Creative Spirit * Delivering on Commitments * Health, Safety & Sustainability   **Security Assessment and Microbiological Security Requirements for Personnel Working on the Australian Animal Health Laboratory (AAHL) 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 AAHL 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 AAHL, 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 be complied with at all times. * Access restrictions apply to the Werribee Animal Health Facility (WAHF) site that is associated with, but remote from, the AAHL site.   Additional information detailing AAHL's micro-security restrictions can be found at it:  <http://www.csiro.au/resources/AAHLStaffRestrictions.html>  **Other special requirements:**  Appointment to this role are subject to conditions including security/medical/character clearance requirements. Applicants who are not Australian Citizens or Permanent Residents may be required to undergo additional security clearance processes; which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).- <http://www.ielts.org/default.aspx> |

|  |
| --- |
| **Other Information:** |
| **How to Apply**  Please apply for this position online at <https://jobs.csiro.au/> Please provide enough information relevant to this position and the essential criteria to enable the selection panel to determine your suitability, and upload your CV/resume and cover letter. If your application proceeds to the next stage you may be asked to provide additional information. Applicants who do not provide the information when requested may not be considered.  If you experience difficulties applying online call 1300 984 220 and someone will be able to assist you. Outside business hours please email: [csiro-careers@csiro.au](mailto:csiro-careers@csiro.au)  **Contact:** If after reading the selection documentation you require further information please contact:  Dr John Bingham via email: [john.bingham@csiro.au](mailto:glenn.marsh@csiro.au) or phone: +61 03 5227 5000.  Please do not email your application directly to Dr Bingham. Applications received via this method will not be considered.  **About CSIRO:** Australia is founding its future on science and innovation. Its national science agency, the **Commonwealth Scientific and Industrial Research Organisation (CSIRO)**, is a powerhouse of ideas, technologies and skills for building prosperity, growth, health and sustainability. It serves governments, industries, business and communities.  We work flexibly at CSIRO, offering a range of options for how, when and where you work. Talk to us about how this role could be flexible for you.  **About the CSIRO Australian Animal Health Laboratory (AAHL):**  The CSIRO Australian Animal Health Laboratory (AAHL) has a national and regional role in the diagnosis and research of emergency (exotic, emerging and serious) and zoonotic diseases of animals. This responsibility extends to provision of ongoing analysis of outbreak isolates, monitoring and characterization of the biological significance of strain variation, and assisting in the establishment of disease freedom. Recognition that diagnostic excellence is better achieved and sustained when underpinned by related research efforts, the research focus includes not only improvements in diagnostic methods but also molecular virology and studies into the pathogenesis and immunology of viral diseases. The purpose of the last is to support the development of new diagnostic methods and provide new insights into pathogenesis, and possibly epidemiology, leading to new methods of disease control. The disciplines involved in this work include experimental and diagnostic pathology, virology, serology, electron microscopy, immunology, genomics and molecular biology, all of which may be undertaken under stringent microbiological security conditions.  Access to both BSL3 and BSL4 containment facilities supports investigations utilizing live viruses, including serious zoonotic agents, in both cell and whole animal systems. The laboratory has an enviable track record in scientific research related to emerging infectious diseases and outputs from these activities contribute data to CSIRO’s area of focus around biosecurity within the National Innovation System.  <http://www.csiro.au/en/Research/Facilities/AAHL> |