

Research Scientist - Insect Vector Biologist

- **Be a part of Australia's national research effort in the area of animal diseases and zoonoses**
- **Flexible work arrangements & enhanced leave entitlements**
- **CSIRO offers outstanding career development and professional support**

The Position:

CSIRO Entomology together with CSIRO Livestock Industries are currently seeking a results-driven Research Scientist to investigate arthropod-borne diseases. This position will be based in the Australian Animal Health Laboratory (AAHL) in Geelong, Victoria, Australia.

You will join a multidisciplinary team of researchers with skills in virology, pathology, epidemiology, imaging and insect genetics in a program that has the strategic goal of understanding and mitigating the risk of spread of vector-borne viral diseases of significance to Australia

You will identify and characterize the biology and ecology of insect vectors, and will assist in investigations to determine the molecular and cellular basis of vector competence and the defensive response of insects to viral infection. You will also contribute to the development of spatio-temporal models and surveillance methods that will assist in reducing the risks of disease emergence and spread, particularly as a result of climate change.

Location: Geelong, Victoria

Salary: \$83K - \$112K pa + superannuation

Tenure: Indefinite/Ongoing, full-time

Reference Number: 2010/264

About you:

To be successful for this role you'll have:

- A PhD in medical or veterinary entomology (or equivalent);
- Research experience in invertebrate genetics and/or ecology
- A good understanding of invertebrate physiology and experience in the experimental biology of vector-pathogen interactions

This role is suited to a highly motivated individual with a superior ability to generate and pursue novel ideas and solutions to complex scientific research problems.

Who we are:

CSIRO is Australia's premier research body, delivering innovative science for the benefit of Australians. CSIRO's culture, conditions and environment support people to manage their careers and strike a balance between their work and personal lives

Our Business unit:

This role will be based at the Australian Animal Health Laboratory (AAHL) in Geelong, and interlocks with CSIRO's Division of Entomology. The Australian Animal Health Laboratory is a national centre of excellence in disease diagnosis, research and policy advice in animal health, whose major role is to maintain Australia's capability to quickly diagnose exotic (foreign) and emerging animal diseases.

Find out more! – See [AAHL](http://www.csiro.au/places/AAHL.html) website <http://www.csiro.au/places/AAHL.html>

CSIRO Entomology generate benefits for all Australians through research into biological interactions from molecular to ecosystem level and has an international reputation for quality scientific endeavours that provide practical solutions to economic, social and environmental problems.

Visit CSIRO Entomology website - <http://www.csiro.au/org/Entomology.html>

Living in Geelong

Geelong is one of the fastest growing regions in Australia, with a healthy and diverse economy, great access to services, world-class education and fabulous lifestyle choices within easy reach of Melbourne. Geelong boasts beautiful surf beaches, dramatic coastline, and cosmopolitan shopping and dining. This vibrant and modern community offering the perfect environment to balance work and lifestyle is fast becoming the best place to live. Expanding health and research facilities are also making the Geelong region attractive to a growing number of professionals.

The Benefits:

In return, you will be rewarded by working with a world-class, leading scientific research organisation engaging in cutting-edge scientific projects. CSIRO offers excellent career development and professional support, as well as invaluable networking opportunities working amongst innovative and highly-reputable researchers. CSIRO also offers Flexible Working Arrangements and enhanced leave entitlements.

For selection documentation and details on how to apply visit www.csiro.au/careers

Applications close 23 June 2010