

# Postdoctoral Research Fellow – Queensland Tropical Health Alliance

## Brisbane

Applications are invited for a Postdoctoral Research Fellow to join the Helminth Biology Laboratory at James Cook University. The successful applicant will work on a collaborative project funded by the NH&MRC investigating the structure and interaction partners of a novel vaccine target for the human parasite *Schistosoma mansoni*. Key duties will include protein expression, in *E. coli* and yeast, and the structural characterisation of recombinant proteins using NMR spectroscopy. Applicants should possess a PhD degree in an appropriate biological/chemical science although experience in NMR spectroscopy and/or protein expression will be highly regarded.

**Background:** The Helminth Biology laboratory, currently located at QIMR in Brisbane, is relocating to James Cook University (JCU) in January 2010 where the lab's current research program will continue. The laboratory has a long-standing collaboration with the NMR and Protein Structure Laboratory at the Institute of Molecular Bioscience and the successful applicant will work on a NHMRC funded collaborative project to determine protein structures of *Schistosoma mansoni* vaccine candidates. The position will be based in Brisbane although visits to Cairns will be required during the course of the project. This is a full-time appointment for three years with the possibility of review subject to funding availability.

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**Employment Type:** Appointment will be full-time for a fixed-term of 3 years subject to a probationary period.

**Salary:** Academic Level A – \$61,856 – \$66,282 per annum. Commencing salary will be in accordance with qualifications and experience. Benefits include generous employer superannuation contribution and attractive options for salary packaging. Further information is available at <http://www.jcu.edu.au/jobs/> or by contacting the Recruitment Officer, Faculty of Medicine, Health and Molecular Sciences, telephone: (07) 4781 6402; e-mail [marcelle.crawford@jcu.edu.au](mailto:marcelle.crawford@jcu.edu.au)

**Applications close** on 1 January 2010.