



RESEARCH FELLOW – PARASITOLOGY

Job: <https://jobs.unimelb.edu.au/en/job/911258/arc-research-fellow-parasitology>

Work type: Fixed term (2 to 2.5 years)

Location: Parkville, Victoria, Australia

The University of Melbourne, Faculty of Science

We are looking for a motivated postdoctoral fellow to join our parasitology research group at The University of Melbourne. Our research facility is located in the Parkville Precinct a Biomedical Research Hub in Victoria, Australia, representing a vibrant research community consisting of numerous internationally prominent research institutes, centres and biomedical companies. With exceptional infrastructure, the University promotes world-class research in parasitological research.

The successful applicant will work on an Australian Research Council (ARC)-funded international collaborative research project (AU-UK) to undertake field and laboratory work that will result in the taxonomic revision of aquatic snails and their parasites, define the complete genomes of key representative snail genotypes and use transcriptomics to elucidate the molecular interactions between a snail host and a parasite. Expected outcomes from this project are the creation of novel molecular resources for important snail species and to verify their roles as key vectors of flatworm parasites. The candidate will be supervised by Drs Neil Young and Anson Koehler, and work with Dr Bonnie Webster (Natural History Museum, London), Winston Ponder (Australian Museum, Sydney) and members of the Parasitology Group within the Faculty of Science.

Requirements:

- Applicants must have completed a PhD thesis that aligns with one or more of the research aims.
- Skills in parasitology, malacology, genomics, transcriptomics, bioinformatics, statistical analyses and/or aquatic invertebrate animal husbandry would be an advantage.
- Demonstrated excellence in research through high-quality publications.
- Excellent communication skills.

Salary: Postdoctoral Research Associate (Level A)

Enquiries and applications: to Dr Neil David Young (nyoung@unimelb.edu.au).

Applicants should send a cover letter, with a vision statement, detailed *curriculum vitae* and contact addresses to three referees to contact.

Closing date: 22 Feb 2023