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Research Assistant / Laboratory Scientist at Alfred Health, Australia

16 September 2021 | News

The role involves supervised laboratory bench work in collaboration with research groups.

AlfredHealth

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Alfred Health is a leader in health care delivery, improvement, research and education. We are the main provider of health services to people living in the inner southeast suburbs of Melbourne, from ambulatory, to inpatient and home and community based services.

- Fixed term - 12 months (potential for renewal based upon performance)
- Full-time - 76 hours per fortnight
- Grade 1 Medical Scientist
- Central Clinical School/Australian Centre for Blood Diseases. Level 1 Walkway, 99 Commercial Road, Melbourne VIC 3004
- Staff benefits

The Department
The position is within in Central Clinical School of Monash Universities Faculty of Medicine, Nursing and Health Sciences. It is located at the Alfred Medical Research and Education Precinct (AMREP) in Prahran. The colocation of the research activities with other AMREP partners, including the Baker Institute and Burnett Institutes.
The Role
This is a unique opportunity to be involved in all aspects of next-generation sequencing (NGS) for a diverse range of

research applications. There is a wide customer base throughout all of Monash University plus external partner organisations such as the Baker and Burnett Research Institutes. The role involves supervised laboratory bench work in collaboration with research groups. This involves running instruments involved in RNA and DNA quality and quantity measurements (Qubit, Taepestation), DNA sonication (Covaris), library preparations and QC checks, setting up of sequencing runs in Illumina Basespace, maintaining and running sequencing machines (Mini-seq, Next-seq 500, Nova-seq 6000). There is an opportunity to be involved in the bioinoformatic analysis of sequence data. Supervision is provided via interactions with very experienced research groups and the Bioinformatics platform of Monash University. The types of assays include whole-exome sequencing (WES), whole-genome sequencing, methylome analyses, RNA-seq, scRNA-seq, ATAC-seq and in situ Hi-C. The applicant will have the opportunity to work closely with industry partners (Agilent, Illumina) and state-of-the-art research teams. They will learn to use the most high-powered sequencing machine currently available (Nova-seq 6000).
The applicant will need to be able to learn new techniques with supervision, and be able to manage time well.

Skills

- Work well in a team environment
- Work in a well organised fashion with particular emphasis on record keeping
- Have some experience in bench molecular biology techniques
- Have some experience in computational biology or bioinformatics (such as R studio) is a positive but not essential

Benefits

This is a unique opportunity to work within a rapidly growing academic next generation sequencing core facility at one of Australia's leading universities. The applicant will generate industry contacts and collaborations. There are also close contacts with Molecular Pathology services.

- Salary Packaging
- Discount Health Insurance
- Onsite Gym
- Child care services

The applicant should provide a cover letter and CV.

All further enquiries to Professor Andrew Perkins (andrew.perkins@monash.edu)

Apply Now!