

Postdoctoral Researchers in Bioinformatics and Computational Biology

- **Fixed contract, Full time**
- **Melbourne, Australia**

The Peter MacCallum Cancer Centre is Australia's only public hospital solely dedicated to cancer and one of an elite group of hospitals worldwide to have its own integrated cancer research program and laboratories.

Applications are invited for two new research positions based in exciting research teams within the Research Division at the Peter MacCallum Cancer Centre:

1. Johnstone Laboratory (**Gene Regulation Laboratory**). This project will involve the use of genetically engineered mouse models of cancer and human tumor cells to study aberrant transcriptional initiation, elongation and termination in the context of genetic and epigenetic deregulation in cancer
2. Dawson Laboratory (**Molecular Biomarkers and Translational Genomics Laboratory**). This project will explore the use of circulating tumour DNA analysis to study genomic evolution and provide insights into treatment response and resistance in cancer.

The positions will involve the analysis of large-scale genomic data through the application of best-practice bioinformatics workflows and the development of innovative methods as required. The positions require highly motivated and skilled bioinformaticians or computational biologists with expertise in the analysis of next generation sequencing data, integration of genome-wide datasets, competency in programming languages R and/or Python/Perl and experience with working on a high performance computing cluster. The individuals will collaborate very closely with cancer cell and molecular biologists to work on joint initiatives but will also be responsible for driving their own specified biological projects.

The positions are in a research environment that includes a large and interactive group of bioinformaticians and computational biologists in the Computational Cancer Biology Program and the Bioinformatics Core Facility. The positions will be initially for a fixed term of 12 months with the opportunity to extend. Remuneration will be commensurate with qualifications and experience.

Peter Mac offers its employees the following benefits:

- Salary packaging
- Employee Assistance Program
- Central City location
- Training and Development program

Enquiries:

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NOTE: Applications will only be accepted when submitted through the online recruitment program, PLEASE DO NOT FORWARD YOUR APPLICATION BY EMAIL.