

Bioinformatician in Computational Functional Genomics

- **Make an important contribution to the health of children through medical research**
- **Work with one of Australia's most respected national and independent medical research institutes**
- **Gain valuable experience in the not-for-profit sector**

Children's Medical Research Institute (CMRI) was Australia's first dedicated paediatric research facility and is one of the nation's most highly regarded independent medical research centres. Our research focuses on embryonic development, cancer, neuroscience and gene therapy and we have a strong international reputation based on our research outcomes. CMRI's research programs are supported by state of the art facilities and committed research and support staff. Our achievements are made possible by a loyal network of community supporters, highly engaged donors and the very successful Jeans for Genes® fundraising campaign.

We are seeking a qualified Bioinformatician / Data Scientist to join the Functional Genomics program with a focus on proteomics. This role will involve supporting researchers from the CMRI and collaborating institutions in the analysis of proteomics data of rare genetic diseases, cancers and disease modelling. The successful applicant will have opportunities to explore and interrogate a diverse range of data, including transcriptomics and proteomics data. Additionally, the successful applicant will work alongside highly experienced research data scientists/bioinformaticians.

The candidate will have relevant research experience in bioinformatics with application to computational and functional biology. The candidate is expected to have a good track record in performing high impact research in the relevant field. The following specific skills are highly desirable:

- Demonstrated experience in mass spectrometry-based proteomics data analysis
- Strong knowledge of the linux/unix computing environment
- Proficiency in one or more programming languages, preferably R, Python, Perl, Java and Matlab
- Expertise in standard bioinformatics tools.
- Good understanding of computational and systems biology.
- Good communications skills.
- Attention to detail and the ability to work to meet timelines

You will be provided with a competitive remuneration package in accordance with qualifications and experience. Additional benefits include the provision of a Public Benevolent Institution salary packaging scheme and participation in an employer-contributed superannuation fund.

Applications should include a cover letter (citing **PV2035**), curriculum vitae and contact details (phone/email) of three professional referees and be forwarded to recruitment@cmri.org.au

We will interview suitable candidates as applications are received. Closing date for applications is **11th December 2020**.

Please direct enquiries regarding the position to Professor Patrick Tam, Email: ptam@cmri.org.au or phone: 02 8865 2800