

RESEARCH ASSISTANT

- **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**
- **Located in Westmead, one of Sydney's and Australia's major biomedical research hubs**

Children's Medical Research Institute (CMRI) was Australia's first dedicated paediatric research facility and is now one of the nation's most highly regarded independent medical research centres. Our research focuses on the areas of embryonic development and birth defects, 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.

Applications are invited for the position of Research Assistant in the Translational Vectorology Group. Two positions are available. The successful applicants will be involved in work, under BSL2/2+ conditions, related to generation, amplification and validation of plasmid constructs, and work with preclinical models, including immortalized cell lines, primary cells, stem cells and animals. The candidates will obtain training and will be directly involved in 1) production, validation and quantification of vectors based on replication competent and replication incompetent adeno-associated virus (AAV), 2) working with primary cells, including but not limited to, normal and patient derived hepatocytes, and 3) animal handling and animal surgery. In addition to performing basic molecular and cell biology assays, including but not limited to DNA/RNA purification, DNA preparation, qPCR, digital droplet PCR, cloning, ELISA, western blotting and sample preparation for NGS sequencing, the successful candidates will also undertake routine tasks related to the organization and maintenance of the laboratory. These appointments are initially for a fixed term of 12 months and continuing tenure is subject to satisfactory performance, the availability of funding and the requirements of research projects within the Unit.

The successful candidates must hold a Bachelor of Science degree or equivalent and will have 2+ years of experience in general molecular biology and tissue culture techniques. Preference will be given to applicants with prior hands on experience working with viral vectors and animal models and established expertise working with primary and immortalized cells in aseptic conditions. Demonstrated knowledge and experience with both PC and MAC operating systems and proficiency with Microsoft Office, especially Excel are required.



Finding cures for children's genetic diseases

Applications are encouraged from enthusiastic and motivated individuals with excellent technical ability and communication skills.

Selected candidates 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 PV1831), curriculum vitae and contact details (phone/email) of three professional referees and be forwarded to recruitment@cmri.org.au

Closing date for applications is **Friday 14th December 2018**.

Please direct enquiries regarding the position to Dr. Lisowski, Group Leader, Translational Vectorology Group (TVG), LLISOWSKI@CMRI.ORG.AU.

