

Postdoctoral Scientist

- Help the 4.2 million Australians affected by cardiovascular disease
- World class research institute
- Inner city location, close to public transport



Victor Chang
Cardiac Research Institute

About us

The Victor Chang Cardiac Research Institute is dedicated to finding cures for cardiovascular disease through world class medical research. Established in 1994, it is the legacy of legendary heart transplant surgeon Victor Chang. Renowned for the quality of its breakthroughs, the Victor Chang Cardiac Research Institute is working to discover better ways to diagnose, treat and ultimately prevent the onset of heart disease.

The role

The Vascular Epigenetics Laboratory headed by Dr Renjing Liu is seeking a highly motivated postdoctoral scientist with experience in using genetically modified mice models to join the team. Preferences will be given to candidates with prior experiences in performing vascular surgeries including carotid/femoral ligation, cuff and wire injury models.

You will be part of a highly collaborative and enthusiastic group working to uncover the fundamental processes involved in vascular disease development. The Vascular Epigenetics Lab uses cutting-edge molecular and cellular biology tools, and develops state-of-the-art animal models to identify novel genes and pathways involved in vascular diseases.

This role will expose the candidate to many cutting-edge imaging (microCT, MRI, light sheet microscopy), and cell/molecular techniques (single-cell sequencing, generation of iPSCs). You will be responsible to learn and apply these techniques to your project.

Additional duties include supervision of junior staff and students in the lab. You will be required to apply for external grant funding and contribute to manuscript writing.

The position is fully funded for 2 years, with the possibility of extensions.

About you

We would like to meet you if you have:

- Prior experience working with genetically engineered mice and tissue harvesting. Preference will be given to those with small animal surgery skills.
- Extensive experience in some or all of the following: cell culture (primary culture), molecular biology, histology, confocal microscopy and image analysis, and genetic modification using viruses.
- High self-motivation and capability for independent work.
- Experience in grant and manuscript writing.
- Excellent interpersonal, written and oral communication skills with the ability to liaise with a diverse range of people

What we offer:

- Salary packaging
- Bonus superannuation
- State of the art facilities
- Stimulating work setting focussed on cutting edge medical research
- Collaborative team environment

We strive to ensure our staff and students enjoy a great working environment. We value and are committed to providing a working environment that embraces diversity and gender equity and promotes flexible working arrangements for staff to balance working requirements and personal needs.

For more information on this position please contact Dr Renjing Liu at r.liu@victorchang.edu.au.

Come and work with us & help make a difference.

Passion • Courage • Integrity • Curiosity • Teamwork • Respect

How to Apply: • For further information about the role, please visit our website – www.victorchang.edu.au
• If you would like to apply for this role, please send your cover letter, resume and contact details for three referees to recruitment@victorchang.edu.au

Closing date: 11 September 2020