Mechano-regulation of arterial stiffness

**Background:**
Vascular diseases occur in regions with abnormal blood flow. How disturbed flow alter vascular cell plasticity and the development of vascular diseases will be investigated.

**Aim:**
Uncover the role of a mechanosensitive ion channel in the development of stiff arteries.

**Key skills**
- Transgenic mouse models of human disease
- Cell culture | Molecular biology
- Gene modification
- Histology

**Supervisors:**
Dr Renjing Liu
Dr Charles Cox

Available as Honours or PhD project. PhD scholarships and top ups available.
Find out more about the lab: [https://www.victorchang.edu.au/heart-research/vascular-epigenetics](https://www.victorchang.edu.au/heart-research/vascular-epigenetics)
July 6th: [https://zoom.us/j/8595091879?pwd=RUpvZTE1SVliUE1BRTliTlpnMXNxdz09](https://zoom.us/j/8595091879?pwd=RUpvZTE1SVliUE1BRTliTlpnMXNxdz09)