

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>

July 6th: <https://zoom.us/j/8595091879?pwd=RUpvZTE1SVliUE1BRtliTlpnMXNxdz09>