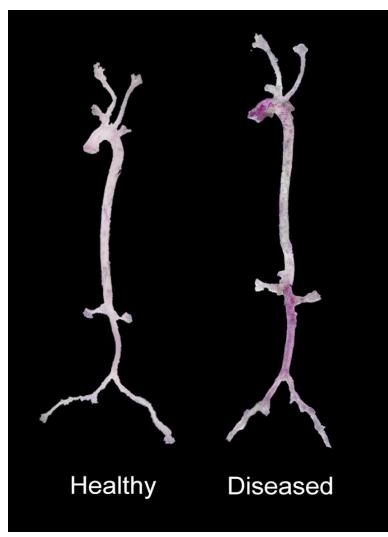
Mechano-regulation of arterial stiffness





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

