



MAURICE WILKINS CENTRE
FOR MOLECULAR BIODISCOVERY

Specialised Training & Facilities accessed by MWC investigators

Aqfan Jamaluddin, University of Auckland

Mr Aqfan Jamaluddin visited Professor Susan Brain's lab in the School of Cardiovascular Medicine and Sciences at King's College in London. The aim of his trip was to learn about the utilisation of a 'laser speckle blood flow imager' and 'blood flow and temperature probe monitor' that is extensively used in in vivo animal studies. The visit allowed Aqfan to gain first hand familiarisation with the equipment and the protocols associated with using this equipment to look at dermal vasodilation in mice or rats and tap into the expertise of the King's College team to start to design a study to be done in New Zealand. Aqfan plans to use the experimental designs from Prof Brain's lab as a template to initiate research into modified CGRP peptide antagonist activity towards vasodilation using high resolution Laser Doppler Imaging in New Zealand.

