

Research Equipment: Centrifuge Heraeus Megafuge 40R.

Awarded to: Rose-Marie Mackay, A. Walls, A. Postle, J. Madsen, H. Clark, P. Howarth **Amount:** £3,400

Lay summary

Since purchasing our centrifuge, it has contributed to several lines of work. For example, PhD and postdoctoral work investigating lung disease, infection and immunity. As well as industrial collaborations with Chiesi and GlaxoSmithKline. In addition, lipidomics, biochemists, immunologists and cellular biologists within the laboratory use the equipment, the results from these experiments, if successful will provide the basis of several research publications for several different fields of enquiry.

Posters

- Yaroslav Shkanov, Rose-Marie A Mackay, Rhys George, Laurie CK Lau, Rana. Abadalkareem, John Pedersen, Andrew F Walls. Dipeptidyl peptidase I (DPPI) cleaves surfactant protein D (SP-D): A mechanism for immune compromise in the lung. The European Respiratory Society, London 2016.
 - Yaroslav Shkanov, Rose-Marie Mackay and Andrew Walls. Characterisation of the interaction between mast cell proteases and surfactant protein. British Society for Allergy & Clinical Immunology (BSACI), London 2016.
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