

*Organised by the Oxford BHF- Centre of Research Excellence
promoting the transfer of knowledge and expertise*

Core laboratory techniques in Cardiovascular Science: applications, tips and tricks

Date: 6th of December 2013

Place: John Radcliffe Hospital, George Pickering Postgraduate centre seminar rooms 4A&B*

8:55-9:00 Introduction

9:00-9:30 The secrets of western blots (Dr S Reilly)

9:30-10:00 Performing Immunoassays (Dr J Digby)

10:00-10:30 Quantifying ROS in tissue and cells (Dr M Crabtree)

10:30-10:50 Coffee break

10:50-11:20 Designing/generating genetically modified animal models (Dr B Davies)

11:20-11:50 Introduction to murine microsurgery (Dr C Lygate)

11:50-12:20 How to design a study – power calculations and other considerations (Dr S Lewington)

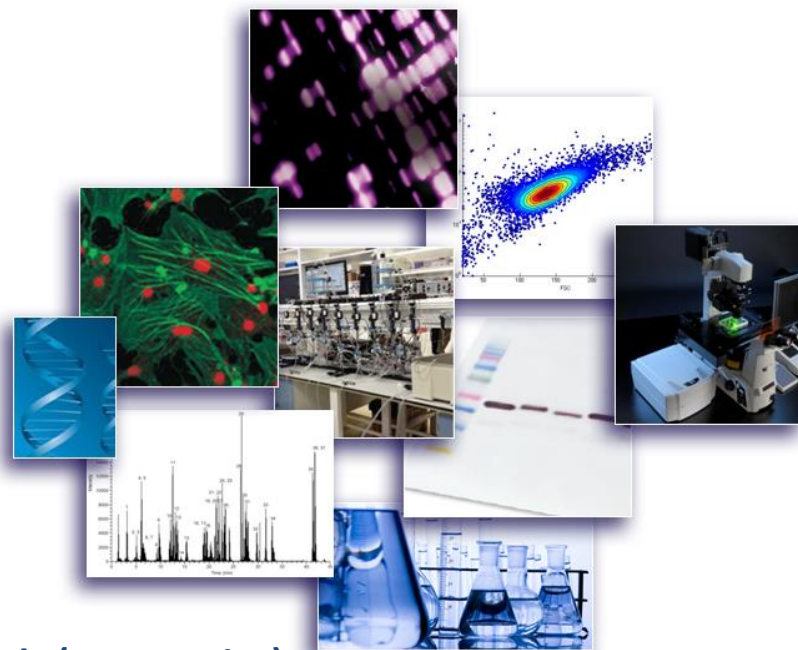
12:20 – 13:00 Lunch Break

**13:00-13:30 Principles of data analysis: How to make the most of
your data (Dr S Lewington)**

13:30-14:00 The Zebra fish model in cardiovascular research (Dr J Koth)

14:00-14:30 The Langendorff model (Dr M Bellahcene)

14:30-14:40:- Feedback collection



The aim of the programme is to bring together DPhil students, research assistants and post-doctoral Fellows with particular interest in Cardiovascular Science, from the various Departments within the Division of Medical Sciences, allowing the transfer of knowledge between groups and Departments.

The participants will have the opportunity to exchange ideas (tips and tricks), share concerns and develop new strategies to address their research questions.

***Registration is required in advance, as places are limited**