

# Training Programme

## Development of basic skills in cardiovascular research

*Organised by the BHF- Centre of Research Excellence and the Medical Sciences Division  
promoting the transfer of knowledge and expertise*

### **Part A: Core laboratory techniques in Cardiovascular Science: applications, tips and tricks**

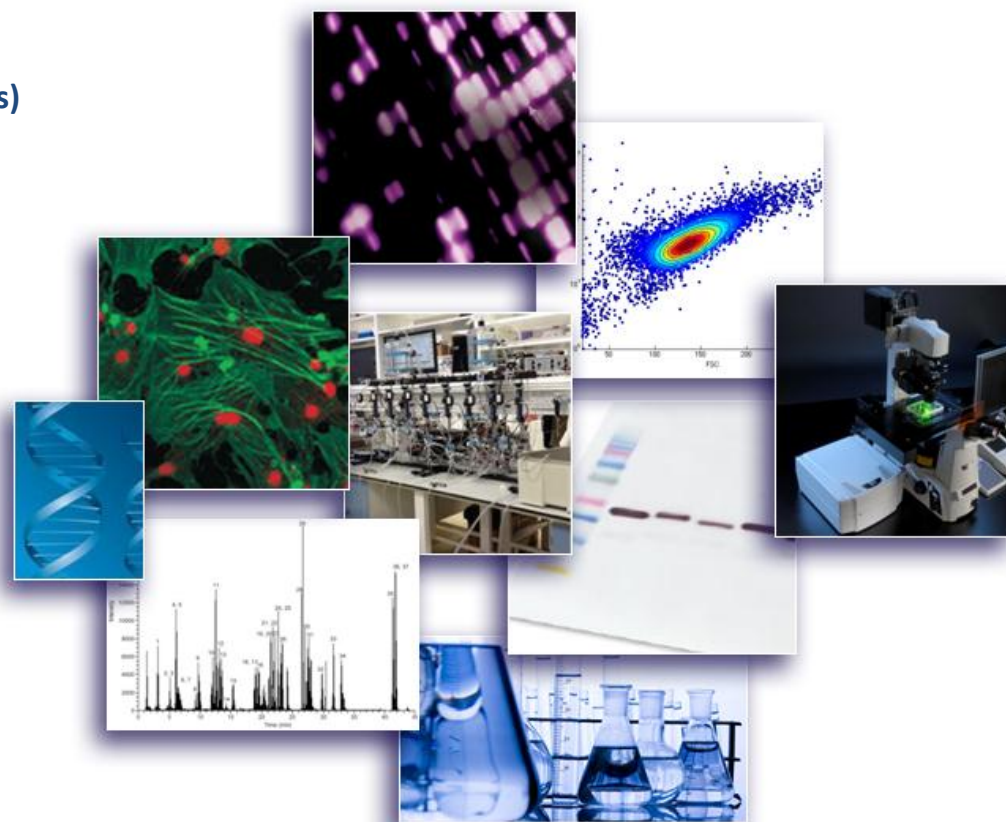
**Date: 25<sup>th</sup> of October 2012**

**Time: 9:00am-4:30pm**

**Place: Post-graduate centre\***

## Programme

- 9:00- 9:10 Introduction (Prof Barbara Casadei)  
9:10- 9:40 Confocal microscopy and live cell imaging (Dr Matt Daniels)  
9:40- 10:10 Western blots (Dr Svetlana Reilly)  
10:10-10:40 Clinical genotyping techniques/ sequencing  
(Dr Theodosios Kyriakou)  
*10:40-11:10 Coffee break*  
11:10-11:40 HPLC and mass spectrometry (Dr Mark Crabtree)  
11:40-12:10 Immunoassays (Dr Janet Digby)  
12:10-12:40 Introduction to vasomotor studies (Dr Zsolt Bagi)  
12:40 – 13:40 Lunch Break



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.

13:40-14:10 qRT-PCR (Dr Jyoti Patel)

14:10-14:40 Flow cytometry (Dr Eileen McNeill)

*14:40-15:10 Coffee break*

15:10-15:40 Breeding strategies and genotyping of genetically modified mice (Dr Ben Davies)

15:40-16:10 Introduction to murine microsurgery (Dr Craig Lygate)

16:10-16:20 - Feedback collection

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

For further details on this course or registration, please contact:

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