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: 25th 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

13:40-14:10 qRTPCR (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

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.

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