

Development of basic skills in cardiovascular research

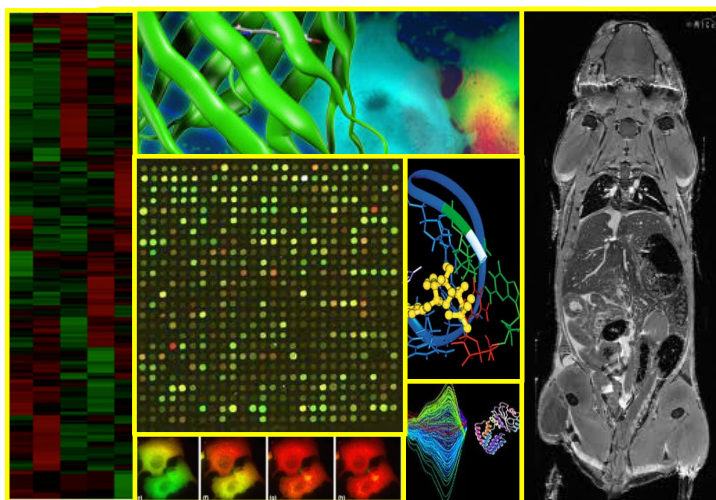
*Organised by the BHF- Centre of Research Excellence and the Medical Sciences Division
promoting the transfer of knowledge and expertise*

Part C: Advanced Laboratory Techniques in Cardiovascular Science: Applications, Tips and Tricks

Date: 12/6/2013 Place: West Wing Level 6, Seminar Room A/B

PROGRAMME

- 8:55-9:00** **Opening of the course**
(Prof. Barbara Casadei)
- 9:00-9:30** **Designing experiments to study
chemotaxis in vitro and
inflammation in vivo**
(Prof. David Greaves)
- 9:30-10:00** **FRET and biosensors**
(Dr Nicoletta Surdo)
- 10:00-10:30** **Current methods for in vitro
gene knockdown**
(Dr Nico Ciccone)
- 10:30-11:00** **Coffee break**
- 11:00-11:30** **Cardiac magnetic resonance
imaging in the mouse**
(Dr Jurgen Schneider)
- 11:30-12:00** **Basic Principles of Proteomics/
Metabolomics**
(Dr Benedikt Kessler)
- 12:00-12:30** **Micro-arrays: Basic principles
and data analysis**
(Dr Sheena Lee)
- 12:30-12:35** **Closing remarks- Feedback**
- 12:35-13:35** **Lunch**



The aim of this course is to introduce graduate students, research assistants and post-doctoral fellows to a number of research techniques employed in cardiovascular field.

The participants will have the opportunity to enquire about methodological "tips and tricks", share concerns, and ask the "Experts" for advice on how to tackle their own scientific questions.

The third and last instalment of this course will address more "advanced" techniques, which are provided by "core facilities" within the University of Oxford.

*Registration is required in advance, as places are limited

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

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