UNIVERSITY OF OXFORD

Training Programme

British Heart Foundation

Development of basic skills in cardiovascular research

Organised by the BHF- Centre of Research Excellence and the Medical Sciences Division

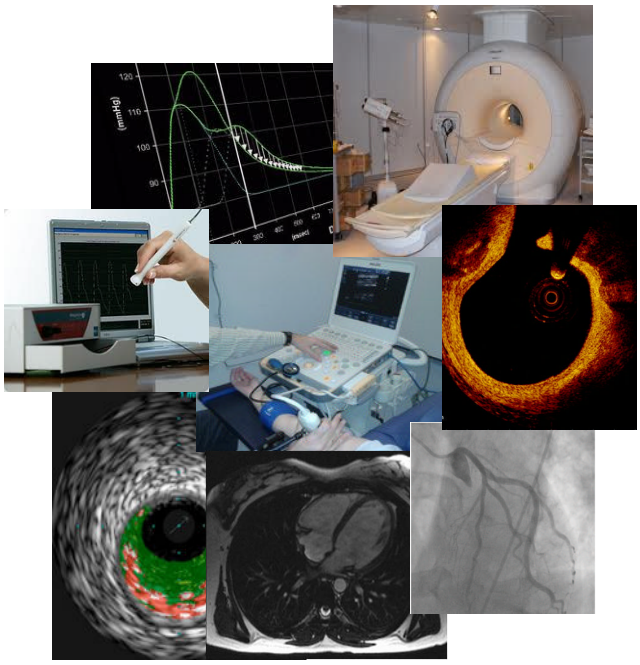
promoting the transfer of knowledge and expertise

Part B: Research tools in Clinical cardiovascular research: applications, Tips and tricks

Date: 22/3/2013 Time: 9:00-16:15

Venue: Seminar room A/B, West Wing, Level 6, John Radcliffe Hospital*

Programme



9:00-9:10 Opening comments (Prof. Barbara Casadei)

First session: Non-invasive study of vascular function and structure

9:10-9:40 Evaluating endothelial function (Dr Charis Antoniades)

9:40-10:10 Evaluating arterial stiffness (Dr Paul Leeson)

10:10-10:40 Evaluating vascular function/structure by MRI (Dr Alex Pitcher)

10:40-10:55 coffee break

Second session: Research in large populations

10:55-11:25 GWAS and population genetics (Dr Anuj Goel)

11:25-11:55 How to organise a clinical trial (Dr Martin Landray)

11:55-12:25 How to use the UK biobank (Dr Naomi Allen)

12:25-13:20 Lunch break

The aim of this training programme is to bring together DPhil Students, clinical Fellows, Technicians and clinical Trainees with interest in Cardiovascular research, from the various Departments within the Division of Medical Sciences, allowing the transfer of knowledge between groups and Departments.

The proposed programme includes presentations and interactive discussions on techniques used in clinical cardiovascular research.
The lectures will be given by a selected panel of Academics and NHS consultants, who are experts in their field.

Third session: Cardiac MRI as a research tool

13:20-13:50 Basic applications of CMR (Dr Theo Karamitsos)

13:50-14:20 Advanced applications of CMR (Dr Saul Mayerson)

14:20-14:35: Coffee break

Forth session: Research in the cathlab

14:35-15:05 OCT as a tool in cardiovascular research (Prof. Keith Channon)

15:05-15:35 IVUS as a tool in cardiovascular research (Prof. Adrian Banning)

15:35-16:05 Studying vascular physiology in the cathlab (Dr Raj Kharbanda)

16:05-16:15 Closing remarks- collection of feedback questionnaires

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

For further details on this course or registration, please contact:
Division of Cardiovascular Medicine, Radcliffe Department of Medicine, University of Oxford, OX3 9DU
e-mail: antoniad@well.ox.ac.uk, tel:01865-221870 Fax: 01865-740352