

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*

'Focus on imaging techniques in Cardiovascular science'

Date: 2nd of December 2014

Time: 9:00am-14:00pm

Place: Lecture Theatre 1, Academic Centre

Registration is required in advance

Programme

09:00-09:10 Introduction (Prof Barbara Casadei)

**09:10-09:40 Molecular imaging of atherosclerotic plaques
(Dr Martina McAteer)**

**09:40-10:10 Cardiovascular MRI: Basic principles and applications
(Dr Vanessa Ferreira)**

10:10-10:30 Coffee Break

10:30-11:00 Mouse Echocardiography (Prof Craig Lygate)

11:00-11:30 Imaging intracellular ions (Dr Pawel Swietach)

11:30-12:00 Principles of live cell imaging (Dr Matt Daniels)

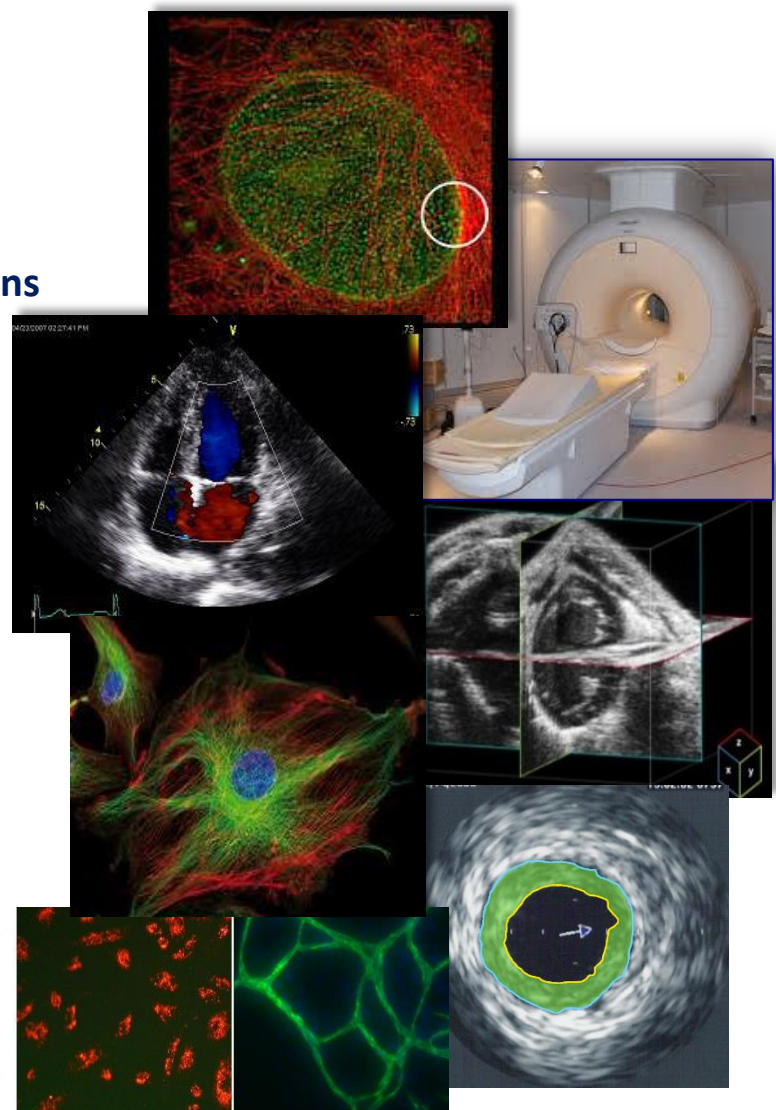
12:00-12:45 Lunch

**12:45-13:15 Nanoimaging: Principles and applications
(Prof Christian Egging)**

**13:15-13:45 FRET imaging in cardiovascular science
(Prof Manuela Zaccolo)**

13:45-14:00 Closing Remarks

14:00-14:05 Feedback Forms



The programme is targeted to graduate students, research assistants, post-doctoral fellows, and medical trainees and aims to showcase state-of-the-art techniques in cardiovascular research

The participants will have the opportunity to exchange ideas ("tips and tricks"), share concerns, network, and meet "the experts".