8th Training Programme on
Development of basic skills in Cardiovascular Research

Organised by the Oxford BHF Centre of Research Excellence
Promoting the transfer of knowledge and expertise

“Mass Spectroscopy-based ‘Omics”
Date: 20th October 2015
Place: Target Discovery Institute, Old Road Campus*

9:45-10:00 Welcome
10:00 - 10:30 Mass Spectrometry Basics & Classical Proteomics
(Prof. Benedikt Kessler, Target Discovery Institute)

10:30 - 11:00 Quantitative Proteomics & Post-translational Modifications
(Dr Roman Fischer, Target Discovery Institute)

11:00 - 11:20 Coffee/Tea Break

11:20 - 12:00 Case Studies: Clinical Proteomics & Biomarker Discovery
11:20 - 11:40 Dr Regent Lee, Division of Cardiovascular Medicine
11:40 - 12:00 Dr Gabriele De Luca, Nuffield Department of Clinical Neurosciences

12:00 - 13:00 Lunch
13:00 - 13:30 Metabolomics
(Prof. James McCullagh, Department of Chemistry)

13:30 - 14:15 Keynote lecture:
Lipidomics in cardiovascular research
(Prof. Manuel Mayr, King’s College London)

14:15 - 14:30 Closing Remarks

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 “meet the experts” in a field, exchange ideas (tips and tricks), share concerns and develop new strategies to address their research questions.

*Registration is required in advance, as places are limited