

10th Training Programme

Development of basic skills in cardiovascular research

Organised by the Oxford BHF Centre of Research Excellence

Promoting the transfer of knowledge and expertise

State of the art in Studying Immunometabolism

25th January 09:00-13:00*

Place: Seminar Room A+B, Level 6 West Wing, John Radcliffe Hospital

09:00-09:10 Introduction (*Prof Charis Antoniades*)

09:10-09:40 Studying short chain fatty acid metabolism in the heart using hyperpolarized metabolic probes:
-The Physics (*Dr Jack Miller*)
-The Biology (*Dr Kerstin Timm*)

09:40-10:10 Studying fatty acid composition and metabolism using stable-isotope tracers
(*Dr Katherine Pinnick*)

10:10-10:40 Applying lipidomics in practice
(*Prof Benedikt Kessler*)

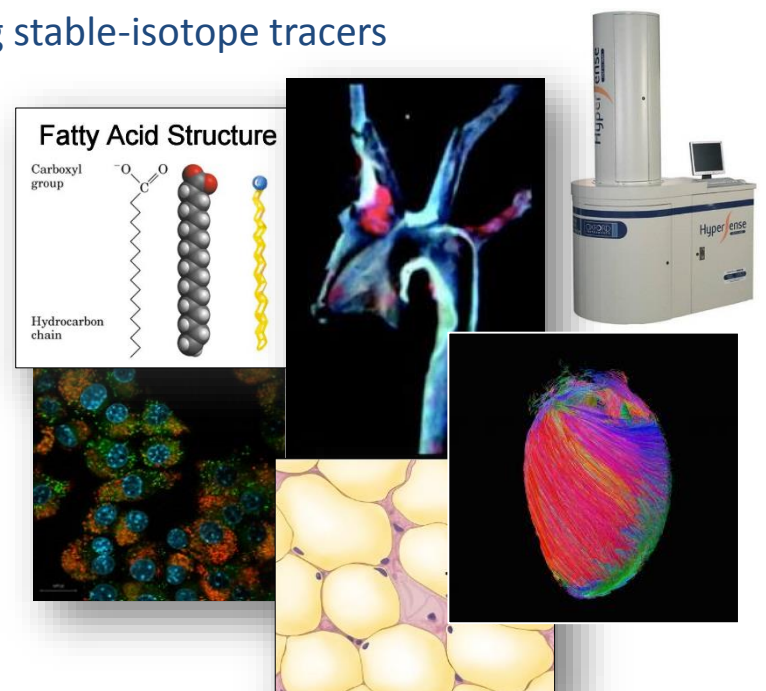
10:40-10:50 Coffee break

10:50-11:20 Isolating, culturing and differentiating stromovascular cells from adipose tissue (*Dr Costas Christodoulides*)

11:20-11:50 Characterizing inflammatory cells using CyTOF
(*Prof Claudia Monaco*)

11:50-12:20 Applying Metabolomics in practise
(*Prof Mike Hill*)

12:20-13:00 Lunch and “meet the experts”
reception



The aim of the programme is to bring together DPhil students, research assistants and post-doctoral fellows with a particular interest in Cardiovascular Science, from the various departments across the University, 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 required