

*Organised by the Oxford BHF Centre of Research Excellence*

*Promoting the transfer of knowledge and expertise*

### **‘How to study RNA’**

**Date: 6<sup>th</sup> of May 2015**

**Place: Lecture Theatre 1, Academic Centre, John Radcliffe Hospital**

**9:00-9:10 Introduction**

**9:10-9:40 Running and interpreting qRT-PCR** (*Dr Eileen McNeill*)

**9:40-10:10 Studying microRNAs** (*Dr Janet Digby*)

**10:10-10:40 Gene silencing using shRNA/siRNA** (*Dr Fabio Sanna*)

**10:40-11:00 Coffee break**

**11:00-11:30 Running and analysing micro arrays** (*Dr Christine Blancher*)

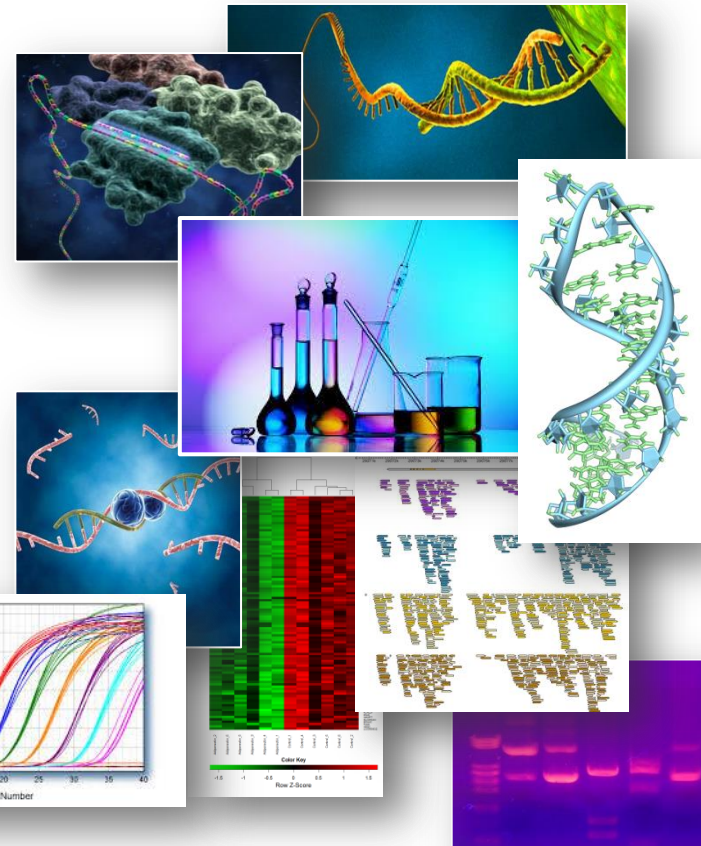
**11:30-12:00 Interpreting data from RNA sequencing** (*Eshita Sharma*)

**12:00-12:40 Lunch break**

**12:40-13:10 Understanding functional miRNA-target interactions in vivo** (*Dr Andrew Bassett*)

**13:10-13:40 Studying long non-coding RNA** (*Dr Wilfried Haerty*)

**13:40-13:50 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**