



Oxford Biomedical Research Centre

Enabling translational research through partnership

Influencing the design and analysis of laboratory studies
Friday 12th April 2013
Working Agenda

- 10:00 – 10:30** **Registration & Coffee**
- 10:30 - 10:35 **Introduction and overview**
Jacqueline Birks
NIHR OXBRC Senior Medical Statistician, Centre for Statistics in Medicine
- 10:35 - 10:45 **Welcome**
Professor Doug Altman
Director of CSM & Cancer Research UK Medical Statistics Group
- 10:45 - 11:00 **The NIHR infrastructure and Statistics**
Dr Lucy Allen, Head of Research Infrastructure & Communications
NIHR Office for Clinical Research Infrastructure (NOCRI)
- 11:00 – 11:15 **Delegate introductions**
Jacqueline Birks
- Delegate presentations (analysis)**
- 11:15 - 11:30** **Statistical issues in experiments involving mouse stem cells**
Dr Marta García-Fiñana
Senior Lecturer in Biostatistics, University of Liverpool
- 11:30-11:45 **How to optimize, interpret and use quality control outputs from different genomic techniques for decision making in cancer clinical studies**
Dr Francesca Buffa, Clinical Genomics Lead, University of Oxford
- 11:45-12:00 **The challenge of analysing sequential repeated measures in prospective biomarker studies for the prediction of transplant outcomes**
Dr Irene Rebollo Mesa, Lecturer in Biostatistics, King's College London
- 12:00 – 12:15 Working title: **Studies of intra-individual biological variability**
Alice Sitch
Research Fellow in Medical Statistics, University of Birmingham
- 12:15 – 13:00** **Lunch**

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Delegate presentations (analysis)

- 13:00 – 13:15 **Studies from the haematology laboratory**
Jacqueline Birks
NIHR OXBRC Senior Medical Statistician, Centre for Statistics in Medicine
- 13:15 – 13:30 Working title: **Difficulties performing power calculations for laboratory studies**
Dr Elizabeth Hensor
Data analyst, Leeds Musculoskeletal Biomedical Research Unit Centre

Delegate presentations (communication)

- 13:15 - 13:30 **Barriers to effective communication between experimentalists and Statisticians**
Dr Dawn Teare
Senior Lecturer in Genetic Epidemiology, University of Sheffield
- 13:30 – 13:45 **An NIHR statistician's interaction with laboratory studies**
Dr Victoria Cornelius
Senior Lecturer in Medical Statistics, Kings College London
- 14:25 – 15:00 WORK SHOP PART I: Topics for research & future meetings**
- 15:00 – 15:15 Tea & Coffee**
- 15:15 – 16:10 **WORK SHOP PART II: Feedback from group leaders and next steps**
- 16:10– 16:15 **Closing remarks by Jacqueline Birks**
NIHR OXBRC Senior Medical Statistician