

Good Science, Honest Science

PRBB RECORD KEEPING AND DATA MANAGEMENT CAMPAIGN

Get it right, keep it clean, make a record

Workshop title: Managing data in human research

28th January 12:30 - 15:00 Marie Curie Room

Aim of the workshop: Workshop participants will have an opportunity to revise and discuss the basics of good practice in human research data management and recording. After two short talks reviewing essential background, participants will work in small groups on case studies addressing issues in study design, record keeping, management of data and confidentiality. The session will be of interest to researchers working with data derived from humans and especially those working in clinical and epidemiological research.

12:30 - 12:35 Welcome: Elisabeth Cardis, Head, Radiation Programme, CREAL

Part One: Understanding the basics

12.35 - 12:50 *Good practice in data management and record keeping – things to know*

Marta Benet and Ignasi Serra, statisticians, CREAL

This talk will give an overview on how to create, manage and store databases, and provides a set of rules and key points on good practices with data for research studies. A database is one of the pillars of a research study, for this reason it is fundamental to follow some key guidelines in order to have valid results. For instance, not having a good design of a database can bring to less quality results.

12:50 - 13:05 *Confidentiality and data protection in human research – the basics*

Samuel Rabanaque and Carol Minguillón, Clinical Project Managers, FPM

We will briefly introduce Good Clinical Practice (GCP), an international ethical and scientific standard for studies involving human participants. We will focus on the confidentiality and data protection issues that must be taken into account by researchers. In human research, it is frequent to collect identifying information (e.g. subjects' names) and research data (e.g. questionnaire answers). Researchers must do their best and may need to be creative to ensure the utmost confidentiality of subject data.

13:05 - 13:30 Pica pica and informal discussion

Part Two: From theory to practice - case-studies and group work

13.30 – 13.55 *Design issues* – Clara Pérez and Roberto Elosua, IMIM

13.55 – 14.20 *Problems and good practice in data management* - James Grellier, postdoctoral fellow, and Jordi Figuerola, data manager, CREAL

14.20 – 14.45 *Confidentiality* – Samuel Rabanaque and Carol Minguillón, FPM

14.45 – 15.00 Plenary discussion and close.