

Good Science, Honest Science

PRBB RECORD KEEPING AND DATA MANAGEMENT CAMPAIGN

Get it right, keep it clean, make a record

Workshop title: Keeping the data record straight in the lab

26th January 13:00 - 15:30 Room Marie Curie

Aim of the workshop: Participants will have an opportunity to discuss current controversies and challenges in the processing and management of data and record keeping in the lab. Through a combination of interactive talks, researchers will learn how to keep track of their samples in complex and changing circumstances and how to keep a scrupulous lab notebook whether on paper or digital. The session will be of interest to researchers and support staff working in a wet-lab and for scientists collaborating with wet-lab experimentalists.

Agenda:

13:00 - 13:05 Welcome

13:05 - 13:30 How to find your samples 5 years later
Lola Mulero. Histology specialist, CMRB Histology Unit.

Accurate labelling and cross referencing is essential in order to keep track of research samples and associated protocols, procedures or images. The CMRB histology unit deals with hundreds of tissue samples from over 100 studies at any one time. We will share our experience in keeping and tracking samples under these complex circumstances and explain specific examples that will help you to improve the way you manage your samples in the lab.

13:30 - 14:00 Record keeping, dos and don'ts - Open discussion
Jose Luis Maestro. Senior researcher, IBE.

All of us know from our experience that a suitable, detailed and robust lab notebook is a crucial tool for every researcher. It must be a reliable record of all our laboratory activity. If it is done in a proper way, it can save time, money, conflicts and headaches. Although most of them are quite logical and already known, we will discuss the essential guidelines for keeping a good laboratory record notebook.

14:00 - 14:30 Pica-pica lunch and discussion

14:30 - 15:30 Notebooks go digital: Using OneNote as an Electronic Lab Notebook
Santiago Guerrero. Postdoctoral research scientist, CRG.
Hima Priyanka Nadimpalli. Predoctoral researcher, CRG.

The increasing adoption of digital technology in scientific research has led to an inevitable transition from traditional paper lab notebooks (PLNs) to digital ones. During this talk we will discuss the advantages of using an Electronic Lab Notebook (ELN), its features and how this technology could evolve in the future. In addition, we will present how to use Microsoft OneNote as an ELN.