

WORKSHOP: IMPROVING EXPERIMENTAL DESIGN IN ANIMAL RESEARCH

IMM, FEBRUARY 6, 2015

Information for participants

This one-day workshop will be run by **Dr. Derek Fry (UK)**.

It will be held on the **6th of February**, from **10 a.m.** to **5 p.m.** and the topics covered will include:

- Formulating objectives
- Harm-benefit analysis
- Hypothesis testing
- Purpose of design and its relation to data analysis
- Controls or comparisons
- Independent replication
- Randomization
- Experimental units
- Estimating sample size

This workshop is meant for current and future users of animal models, in particular those designing and coordinating research projects.

There is a limit of 40 participants and the fee is **25€**

About the lecturer

Dr Fry is a medical academic with a science doctorate who was Chief Inspector of the UK Animal Scientific Procedures Inspectorate, advising government on animal experimentation issues. After his retirement in 2008, he took an honorary post at the

University of Manchester. As well as inspecting experimental work on animals he has personally assessed about 1000 programmes of scientific work in a variety of fields. His medical student teaching included statistics, and his specialist area of advice was experimental design. He has been running or contributing to workshops on experimental design, protocol assessment or refinement in the UK and various countries in Europe, North America and Asia since 1999, and is experienced at making them interesting and informative for participants from a variety of backgrounds. He was on the ECVAM working group on reduction and is a member of the FRAME Reduction Steering Committee and the UK's National Centre for the 3Rs Experimental Design Working Group.