

Strategic Planning for Research Programmes

Good planning and design can have a major impact on reducing animal usage in research programmes and on the welfare of the animals used.

To help researchers using animals in biomedical research FRAME has developed this flowchart for planning a programme of experiments. It outlines steps to follow during research involving animals, taking account of ethical considerations.

Experiments using animals do not normally occur as isolated 'one-off' studies, and assessment of experimental results in the context of the complete programme may offer considerable scope for decreasing overall severity and reducing the number of animals.

Experimental design texts usually provide no guidance on how to design an individual experiment to minimise severity, or on how to organise a sequence of experiments. A well-planned programme incorporating the steps indicated here should allow the achievement of an experimental goal that involves minimal animal use and severity, while maximising the quality of the resultant scientific output. This poster has been designed to be displayed in laboratories and staff meeting areas.



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FRAME's vision is a world where non-animal methods are accepted as scientific best practice.

Until then, FRAME's mission is to enable and support the timely development and use of scientifically valid methods that provide reliable data and replace the need for animal experiments.

Where the use of animals is currently necessary, FRAME supports the reduction of numbers involved to an unavoidable minimum and refinement of experimental procedures to minimise any suffering caused.

It relies entirely on grants and donations to carry out its vital work because it receives no financial support from local or central government. Any gifts from supporters, either individuals or companies, are always welcome.

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Strategic Planning Chart For Reducing Animal Use in Biomedical Science

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