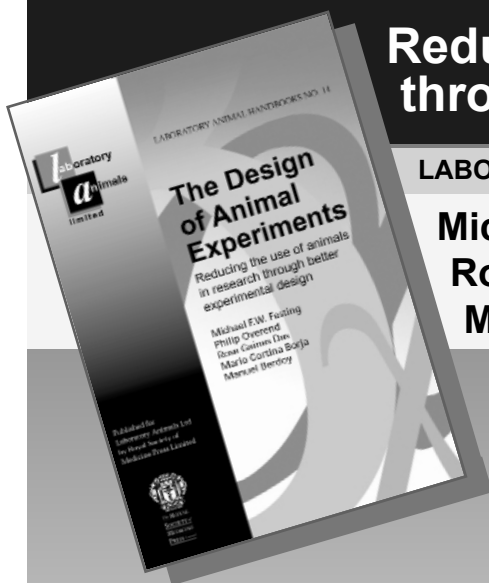


The Design of Animal Experiments

Reducing the use of animals in research through better experimental design



LABORATORY ANIMAL HANDBOOKS NO. 14

**Michael F W Festing, Philip Overend,
Rose Gaines Das, Mario Cortina Borja,
Manuel Berdoy**

Where there is no alternative to the use of experimental animals in biomedical research, it is important that experiments are well designed and correctly analysed in order to maximize the chance of getting scientifically valid results. Experiments that use too few animals may fail to pick up biologically important effects, while those that use too many or use them incorrectly may be subjecting them to unnecessary pain, distress or lasting harm.

This book is aimed at all research scientists who use laboratory animals, with the aim of helping them to design their own experiments more effectively and/or to improve their ability to communicate with professional statisticians when designing more complex experiments. It covers many aspects of experimental design, such as choice of experimental animal, which are not considered by most statistics textbooks. Conversely, it does not cover the more advanced designs or statistical methods, so it should, ideally, be used in conjunction with more conventional statistics textbooks.

Price: £14.00/US\$28.00

1-85315-513-6

paperback, 120 pages

January 2002

Published on behalf of Laboratory Animals Ltd
by RSM Press

Contents: Acknowledgements; Preface; Basic principles of the design of animal experiments; Choice of animals; Understanding and controlling variation; The design of experiments; The determination of sample size; Presenting and interpreting the results and making decisions; Concluding remarks: putting the project together; Appendix 1: Brief notes on statistical packages; Appendix 2: Further reading; References; Index

For orders in the USA

return the form below to

Balogh International
1911 North Duncan Road, Champaign
Illinois, 61822, USA

Tel +1 217 355 9331; Fax +1 217 355 9413
Or visit the website at www.balogh.com

For all other orders

return the form below to

Marston Book Services
PO Box 269, Abingdon
Oxfordshire OX14 4YN, UK

Tel +44 (0)1235 465 500; Fax +44 (0)1235 465 555
Or order online at www.rsmppress.co.uk

The specifications in this advert, including price, format, extent, and month of publication, were accurate at the time of printing

Please send me:

___ copy/ies of *The Design of Animal Experiments*

LA HANDBOOKS NO 14(1-85315-513-6) @ £14.00/US\$28.00

Add postage and packing:

(£2 per book UK, £3.50 Europe, £7.00 rest of world)

(USA orders \$6 per book for ground UPS)

TOTAL

USA



- I enclose a cheque (payable to *Balogh International*)
 Invoice me for (Invoicing for institutional customers only)
 or please charge my account

VISA/MASTERCARD

TOTAL \$ _____

Other



- I enclose a cheque (payable to *Marston Book Services*)
 Invoice me for
 or please charge my account

VISA/MASTERCARD/AMEX/SWITCH (issue no _____)

TOTAL £ _____

Card no

Exp date / Signature

Name

Address

Country..... Post/ZIP code

Tel Fax

If the credit card registered address differs from above please give details

please tick this box if you do not wish to receive promotional material

01 LA 14



The ROYAL
SOCIETY of
MEDICINE
PRESS Limited

