
Instructions to Authors

Subjects considered for publication may include original articles, technical notes and reviews pertaining to all aspects of animal science and technology, management and education. The Editorial Board wishes to offer particular encouragement to papers leading to improvements in environmental enrichment, the general care and welfare of the animals used, in particular those species and strains exhibiting harmful genetic defects, and papers describing refinements in techniques, a reduction in the number of animals that need to be used or alternatives to animal use.

Papers describing experimental procedures will only be accepted for publication if authors clearly state that the procedures conform to the prevailing principles and Codes of Practice of the Animals (Scientific Procedures) Act, 1986. Papers submitted from outside the U.K., should state what legislation and/or ethical approval the work has been carried out under. In addition, authors who describe surgical techniques with recovery should include details of post-operative care and any analgesic therapy provided. All submissions should follow the ARRIVE (Animal Research: Reporting of In Vivo Experiments) guidelines (Kilkenny C, Browne WJ, Cuthill IC, Emerson M, Altman DG (2010) Improving Bioscience Research Reporting: The ARRIVE Guidelines for Reporting Animal Research. *PLoS Biol* 8(6): e1000412. doi:10.1371/journal.pbio.1000412)

The Editorial Board reserves the right to seek independent advice on any aspect of the content of an article but the final decision on acceptance or rejection remains with the Board.

Submission

Material submitted for publication will be considered provided that it is contributed exclusively to Animal

Technology and becomes the property of the Institute of Animal Technology.

Articles may be submitted electronically via the journal website www.atwjournal.com. Articles should be submitted in Word format with double spacing to the lines and all pages serially numbered.

Any photographs or graphs must be submitted as separate files and conform to the format in point 4) below. The relevant article must clearly indicate where photographs and/or graphs are to be inserted.

Address for submission: www.atwjournal.com

Electronic files of submissions are required together with separate files of photographs and any graphics that appear in the manuscript. All manuscripts should be typewritten in double spacing with 4 cm margins and serially numbered.

Format

1). The first sheet of the article should contain the following:

i. the full title of the paper *ii.* the initials and last name of the author(s) *iii.* the full address of the department(s) and institution(s) where the work was carried out. *iv.* the address for correspondence if different to above.

2). For the remainder of the paper, the text should be clear and concise and, where appropriate, sub-divided under the following headings:

- i.* Abstract
 - ii.* Introduction
 - iii.* Methods
-

-
- iv. Results
 - v. Discussion
 - vi. Acknowledgements
 - vii. References

3). Measurements should be given in metric units – see *The use of S.I. Units (1969)* British Standards Institution publication and spelling should follow that of the *Oxford English Dictionary*. Abbreviations must be defined in full at their first appearance in the text. The 24 hour clock should be used for times. Words to appear in *italic* type should be underlined. Designation of inbred strains should be in accordance with the *International Index of Laboratory Animals*, 6th edition, compiled, edited and published by M.W. Festing, 1993.

4). Photographs should have clear and well contrasted tone values and be in colour. All illustrations, charts (e.g. histograms and graphs) and photographs should be submitted separately with a number corresponding to the order in which it appears in the text e.g., Figure 1, and an arrow pointing to the top.

Illustrations, charts and photographs supplied should be in JPEG, TIFF or EPS formats and have a resolution of no less than 300dpi.

5). References: Only essential references should be included. Authors are responsible for verifying them against the original source material. ATW uses the **Vancouver** referencing system: references should be identified in the text by superscript Arabic numbers e.g. ¹² after any punctuation and numbered and listed at the end of the paper in the order of when they are first cited in the text. Automatic numbering should be avoided. References should include the names and initials of up to six authors. If there are more than six authors, only the first three should be named, followed by *et al*. Publications for which no author is apparent may be attributed to the organisation from which they originate. Simply omit the name of the author for anonymous journal articles – avoid using ‘Anonymous’.

References should be set out as follows:

Journals:- Surname and initials of author(s) (date), title of article. Name of journal in full, volume number, first and last page numbers.

e.g. Saigeman, S. (1998). Environmental enhancement of cats – what? why? how? *Animal Technology*, Vol 49, No.3, 145-154.

Books:- Surname and initials of author(s) (date), title of book. Name of publisher, Town of publisher.

e.g. Flecknell, P.A. (1987). *Laboratory Animal Anaesthesia*. Academic Press, London.

Chapter from a multi-author book:- Surname and initials of chapter author(s) (date), title of chapter. In: title of book (surname and initials of book editors). Name of publisher, Town of publisher, first and last page numbers of chapter.

e.g. Gregory, J.A. (1985). Principles of Animal Husbandry. In: *Laboratory Animals – An Introduction for Experimenters*. Second Edition. (Tuffrey, A.A.). John Wiley & Sons Ltd., Chichester, 87-105.

Papers accepted for publication but not yet published should be included in the list of references followed by ‘(in press)’. Papers in preparation, personal communications and unpublished observations should be referred to as such in the text only.

Content

Papers describing procedures involving the use of animals should always include full details of the animals and husbandry conditions used. These would be as follows:

Animals

Species

Breed or strain

Sex

Age and weight at start of procedure

Genetic status: inbred; outbred; hybrid; mutant

Source

Microbiological status: conventional; specified pathogen free (define which pathogens animals are free from); gnotobiotic (define which microorganisms are present)

Quarantine or acclimatisation period

Husbandry during procedure

Type of housing: material; size; cage type if relevant

Number of animals per cage or unit
Bedding: type; quality; any pre-treatment

Type of system: conventional; barrier; ventilated rack;
isolator,

Environmental temperatures ($^{\circ}\text{C} \pm$ range)

Relative Humidity ($\% \pm$ range)

Lighting: natural; artificial (state hours of light and
dark)

Ventilation: number of air changes per hour

Period of acclimatisation before start of procedure

Feed: type; composition; any pre-treatment; amount;
frequency

Water: type; quality; any pre-treatment; amount;
frequency

Scientific procedure

Number of animals and any pre-treatment

Time of day of procedure(s)

Quantity and frequency of any samples

Statistics

Tests used should be named

Reprints

Free reprints are no longer provided but the ATW Editorial Board are happy to provide PDF files of articles after publication. Use of these files is subject to Copyright restrictions.
