

INSTRUCTIONS FOR AUTHORS

AIMS AND SCOPE

Animal Science Journal (a continuation of *Animal Science and Technology*) is the official journal of the Japanese Society of Animal Science (JSAS). The Journal publishes Original Articles (full papers and rapid communications) and Review Articles in English in all fields of animal and poultry science: genetics and breeding, genetic engineering, reproduction, embryo manipulation, nutrition, feeds and feeding, physiology, anatomy, environment and behavior, animal products (milk, meat, eggs and their by-products) and their processing, and livestock economics.

Submission to the Journal is open to those who are interested in animal science, to the members of JSAS and to the Journal's subscribers. Foreign non-members and foreign non-subscribers may submit an Original Article as the first author.

ACCEPTANCE

The acceptance criteria for all papers are the quality and originality of the research and its significance to our readership. Except where otherwise stated, manuscripts are peer reviewed by two anonymous reviewers and the Editor. The Editorial Board reserves the right to refuse any material for publication and advises that authors should retain copies of submitted manuscripts and correspondence as material cannot be returned. Final acceptance or rejection rests with the Editorial Board.

SUBMISSION OF MANUSCRIPTS

All articles submitted to the Journal must comply with these instructions. Failure to do so will result in return of the manuscript and possible delay in publication.

Manuscripts should be written so that they are intelligible to the professional reader who is not a specialist in the particular field. Where contributions are judged as acceptable for publication on the basis of scientific content, the Editor or the Publisher reserve the right to modify typescripts to eliminate ambiguity and repetition and improve communication between author and reader. If extensive alterations are required, the manuscript will be returned to the author for revision.

COVERING LETTER

Papers are accepted for publication in the Journal on the understanding that the content has not been published or submitted for publication elsewhere. This must be stated in the covering letter.

Authors must also state that the protocol for the research project has been approved by a suitably constituted Ethics Committee of the institution within which the work was undertaken and that it conforms to the provisions of the Declaration of Helsinki in 1995 (as revised in Edinburgh 2000).

Any experiments involving animals must be demonstrated to be ethically acceptable and where relevant conform to appropriate national guidelines for animal usage in research. The Journal will not include papers based on research that involves unnecessary pain, distress, suffering or lasting harm to animals.

AUTHOR MATERIAL ARCHIVE POLICY

Authors who require the return of any submitted material that is accepted for publication should inform the Editorial Office after acceptance. If no indication is given that author material should be returned, Blackwell Publishing will dispose of all hardcopy and electronic material two months after publication.

SUBMISSION

The original manuscript and two copies, should be submitted to:

Editorial Board: *Animal Science Journal*, Japanese Society of Animal Science, 201 Nagatani Corporas, Ikenohata 2-9-4, Taito-ku, Tokyo 110-0008, Japan

Email: editasj@siren.ocn.ne.jp

If a manuscript is returned to an author for revision, it must be resubmitted within 30 days of receipt.

Rapid Communications

Rapid Communication manuscripts must be accompanied by a letter stating the reason for rapid publication. Rapid Communications should not exceed two printed pages (including tables, illustrations and references). The original plus three copies should be submitted. A special procedure cost will be charged to authors. Please refer to the Page charge table.

COPYRIGHT

Authors publishing in the Journal will be asked to sign an Exclusive Licence Form. In signing the form it is assumed that authors have obtained permission to use any copyrighted or previously published material. All authors must read and agree to the conditions outlined in the form, and must sign the form or agree that the corresponding author can sign on their behalf. Articles cannot be published until a signed form has been received. Authors can download the form from http://www.blackwellpublishing.com/pdf/asj_elf.pdf

PREPARATION OF THE MANUSCRIPT

Submissions should be printed, doubled-spaced, on one side only of A4 paper. The top, bottom and side margins should be 30 mm. Laser or near-letter quality print is essential. All pages should be numbered consecutively in the top right-hand corner, beginning with the title page. Indent new paragraphs. Turn the hyphenation option off, including only those hyphens that are essential to the meaning.

STYLE

The Journal uses US spelling and authors should therefore follow the latest edition of *Merriam-Webster's Collegiate Dictionary*.

All measurements must be given in SI units.

Abbreviations should be used sparingly and only where they ease the reader's task by reducing repetition of long, technical terms. Initially use the word in full, followed by the abbreviation in parentheses. Thereafter use the abbreviation.

Upon its first use in the title, abstract and text, the common name of a species should be followed by the scientific name (genus, species and authority) in parentheses. However, for well-known species, the scientific name may be omitted from the article title. If no common name exists in English, the scientific name should be used only.

At the first mention of a chemical substance, give the generic name only. Trade names should not be used. Drugs should be referred to by their generic names, rather than brand names.

PARTS OF THE MANUSCRIPT

Manuscripts should be presented in the following order: (i) title page, (ii) abstract and keywords, (iii) text, (iv) acknowledgments, (v) references, (vi) figure legends, (vii) tables (each table complete with title and footnotes) and (viii) figures.

Footnotes to the text are not allowed and any such material should be incorporated into the text as parenthetical matter.

Title page The title page should contain (i) the title of the paper, (ii) the full names of the authors and (iii) the addresses of the institutions at which the work was carried out together with (iv) the full postal and email address, plus facsimile and telephone numbers, of the author to whom correspondence about the manuscript, proofs and requests for offprints should be sent.

The title should be short, informative and contain the major key words. A short running title (less than 40 characters, including spaces) should also be provided.

Abstract and key words Articles must have an unstructured abstract that states in 200 words or fewer the purpose, basic procedures, main findings and principal conclusions of the study. The abstract should not contain abbreviations or references.

Five or fewer key words (for the purposes of indexing) should be supplied below the abstract.

Text Authors should use subheadings to divide the sections of their manuscript: Introduction, Materials and methods, Results, Discussion, Acknowledgments, References.

Acknowledgments The source of financial grants and other funding should be acknowledged, including a frank declaration of the authors' industrial links and affiliations. The contribution of colleagues or institutions should also be acknowledged. Thanks to anonymous reviewers are not allowed.

References The Harvard (author, date) system of referencing is used.

In the text give the author's name followed by the year in parentheses: Smith (2000). If there are two authors use 'and': Smith and Jones (2001); but if cited within parentheses use '&': (Smith & Jones 2001). When reference is made to a work by three or more authors, the first name followed by *et al.* should be used: MacDonald *et al.* (2002).

In the list references should be listed in alphabetical order. Cite the names of all authors. Reference to unpublished data and personal communications should not appear in the list but should be cited in the text only (e.g. Smith A, 2000, unpublished data).

Journals

Drori D, Loosli JK. 1959. Influence of fistulation on the digestibility of feeds by steers. *Journal of Animal Science* **18**, 206–210.

Books

Nalbandov AV. 1963. *Advances in Neuroendocrinology* 2nd edn. University of Illinois Press, Urbana, IL.

Chapter in a book

Folley SJ, Malpress FH. 1948. Hormonal control on mammary growth. In: Pincuss G, Thimamm KV (eds), *The Hormones* Vol. 1, pp. 695–743. Academic Press, New York.

Electronic material

National Center for Biotechnology Information (NCBI). 1999. *Nucleotide–nucleotide BLAST (blastn)* [homepage on the Internet]. National Center for Biotechnology Information, Bethesda, MD; [cited 13 December 2002]. Available from URL: <http://www.ncbi.nlm.nih.gov/blast/>

Tables Tables should be self-contained and complement, but not duplicate, information contained in the text. Tables should be numbered consecutively in Arabic numerals. Each table should be presented on a separate sheet of A4 paper with a comprehensive but concise legend above the table. Tables should be double-spaced and vertical lines should not be used to separate columns. Column headings should be brief, with units of measurement in parentheses; all abbreviations should be defined in footnotes. Footnote symbols: †, ‡, §, ¶, should be used (in that order) and *, **, *** should be reserved for *P*-values. The table and its legend/footnotes should be understandable without reference to the text.

Figures All illustrations (line drawings and photographs) are classified as figures. Figures should be cited in consecutive order in the text. Each figure should be labeled on the back in *very* soft marker or chinagraph pencil, indicating name of author(s), figure number and orientation. (Do not use an adhesive label as this prohibits electronic scanning.) Figures should be sized to fit within the column (82 mm), intermediate (110 mm) or the full text width (170 mm).

Line figures should be supplied as sharp, black and white graphs or diagrams, drawn professionally or with a computer graphics package; lettering should be included.

Photographs should be supplied as sharp, glossy, black and white photographic prints and must be unmounted. Individual photographs forming a composite figure should be of equal contrast, to facilitate printing, and should be accurately squared.

If supplied electronically, graphics should be supplied as high resolution (at least 300 d.p.i.) files, saved as .eps or .tif format. A high-resolution print-out must also be provided. Digital images supplied only as low-resolution print-outs and/or files cannot be used.

Figure legends Legends should be self-explanatory and typed on a separate sheet. The legend should incorporate definitions of any symbols used and all abbreviations and units of measurement should be explained so that the figure and its legend is understandable without reference to the text. (Authors must provide a letter stating that copyright authorization has been obtained if figures have been reproduced from another source.)

MANUSCRIPTS ON DISK

Authors are required to provide their manuscripts on disk; however, disks should not be sent until the manuscript has been accepted.

Use a new disk rather than a reformatted disk; the disk must contain the relevant file(s) only. Authors should supply their accepted paper as formatted text. It is essential that the hardware and the word processing package are specified on the disk (e.g. IBM, Word 7 or Mac, Word 5.1), as well as the first author's surname, the journal title and the manuscript number.

The entire article (including tables) should be supplied as a single file; only electronic figures should be supplied as separate files. The following instructions should be adhered to.

- It is essential that the final, revised version of the accepted manuscript and the file saved on disk are identical.
- Do not use the carriage return (enter) at the end of lines within a paragraph.
- Turn the hyphenation option off.
- Specify any special characters used to represent non-keyboard characters.
- Take care not to use l (ell) for 1 (one), O (capital o) for 0 (zero) or ß (German esszett) for β (Greek beta).
- Use a tab, not spaces, to separate data points in tables.
- If you use a table editor function, ensure that each data point is contained within a unique cell, i.e. do not use carriage returns within cells.
- Digital figures must be supplied as .tif or .eps files at a resolution of at least 300 d.p.i. (high-resolution print-outs are also required).

PDF PROOFS, OFFPRINTS AND PAGE CHARGES

Proofs The purpose of the Portable Document Format (PDF) proof is a final check of the layout, and of tables and figures. Alterations other than the *essential* correction of errors are unacceptable at PDF proof stage and authors may be charged for excessive alterations.

Notification of the URL from where to download a PDF typeset page proof and further instructions will be sent by email to the corresponding author. If absent, authors should arrange

for a colleague to access their email, retrieve the PDF proof and check and return any corrections to the publisher on their behalf.

Offprints A minimum of 50 offprints will be provided upon request, at the author's expense. An Offprint Order Form outlining the cost of offprints will be sent to the corresponding author from the Editorial Office. Offprints will be provided only if a completed Offprint Order Form is returned to the Editorial Office by mail by the specified date.

BLACKWELL AUTHOR SERVICES

Authors are encouraged to visit the Blackwell Publishing website for authors at: <http://www.blackwellpublishing.com/bauthor/>

journal.asp, which details further information on the preparation and submission guidelines of articles and figures and gives access to the Blackwell *house style* guide. Please refer to the section on offprints above for information about how to purchase offprints.

BLACKWELL JOURNALS ONLINE

Animal Science Journal is also available online via Blackwell Synergy. Full-text online articles include reference links to cited articles and external databases, and a full search facility, so that you can find the information you are looking for. Keep up to date with the latest tables of contents emailed directly to your desktop by registering for free at:

www.blackwell-synergy.com

Page charges

Members

	Up to 4 pages	More than 4 pages	Mono figure	Color figure (up to 4 figures/page)
Full paper	¥6000	¥12 000/page	¥1000/figure	¥50 000/page
Review	Up to 10 pages ¥20 000	More than 10 pages ¥12 000/page	¥1000/figure	¥50 000/page
Rapid communication	Up to 2 pages ¥30 000	More than 2 pages ¥12 000/page	¥1000/figure	¥50 000/page

Please add 5% to the above prices for consumption tax.

Foreign subscribers and foreign non-members

	Up to 6 pages	More than 6 pages	Mono figure (up to 5 figures)	Color figure (up to 4 figures/page)
Full paper	¥0	¥12 000/page	¥0	¥50 000/page
Review	Up to 10 pages	More than 10 pages	Mono figure (up to 8 figures)	¥50 000/page
Rapid communication	Up to 2 pages ¥30 000	More than 2 pages ¥12 000/page	¥1000/figure	¥50 000/page

Please add 5% to the above prices for consumption tax.

Prices for reprints

Offprint papers are the same as those printed in the journal
Without cover

Copies	1-4pp	5-8pp	9-12pp	13-16pp	17-20pp
50	¥6100	¥8100	¥9100	¥10 100	¥16 100
75	¥6200	¥8200	¥9200	¥10 200	¥16 200
100	¥6300	¥8300	¥9300	¥10 300	¥16 300
125	¥6400	¥8400	¥9400	¥10 400	¥16 400
150	¥6500	¥8500	¥9500	¥10 500	¥16 500
175	¥6600	¥8600	¥9600	¥10 600	¥16 600
200	¥6700	¥8700	¥9700	¥10 700	¥16 700
225	¥6800	¥8800	¥9800	¥10 800	¥16 800
250	¥6900	¥8900	¥9900	¥10 900	¥16 900

Add ¥1000 for offprints with cover. Note these prices do not include tax and postage.

On-demand print using a printer

Copies	1-4pp	5-8pp	9-12pp	13-16pp	17-20pp
50	¥3000	¥3000	¥4500	¥6000	¥7500
100	¥3000	¥6000	¥9000	¥12 000	¥15 000
150	¥4500	¥9000	¥13 500	¥18 000	¥22 500
200	¥6000	¥12 000	¥18 000	¥24 000	¥30 000
250	¥7500	¥15 000	¥22 500	¥30 000	¥37 500

Note these prices do not include tax and postage.