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### DESCRIPTION

*Veterinary and Animal Science* is a new fully open access publication from Elsevier which strongly encourages a multidisciplinary approach to research in the animal and health spectrum. The scope of the journal is streamlined into two major sections and covers ruminant, monogastric, aquaculture, wild life, equine, camelid and other animal species: 1) Animal Science and 2) Veterinary Science

The Animal Science Section will consider multidisciplinary and innovative research submissions in the following areas:
- Animal Genetics, Breeding and Bioinformatics;
- Animal Nutrition, Feeds and Feeding;
- Animal Behaviour, Welfare and Ethics;
- Livestock Production and Management - Meat, Dairy, Wool, Equine and Poultry Sciences;
- Food Safety and Microbiology.

The Veterinary Science Section will consider manuscripts in these areas of multidisciplinary and innovative research:
- Veterinary Physiology, Reproduction and Endocrinology;
- Veterinary Surgery and Clinical Sciences;
- Veterinary Epidemiology and Public Health;
- Veterinary Pathology, Immunology, Virology and Pharmacology;
- Veterinary and Animal Science Education.

This is a guide to the main areas which *Veterinary and Animal Science* considers; however, it is not an exhaustive list.

Submissions on topics related to wild animal science and animals which are not under the care or direct management of humans will not be considered.

Please visit the Guide for Authors for more information on how to make a submission.

### ABSTRACTING AND INDEXING

- PubMed Central
- Emerging Sources Citation Index (ESCI)
- Scopus
- Directory of Open Access Journals (DOAJ)
EDITORIAL BOARD

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Areas of expertise: Ruminant health, Ruminant surgery, Cattle lameness, Farm animal welfare assessment, Pain management

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Founding Editor
Andy Butterworth
GUIDE FOR AUTHORS

Types Of Article
1.) Full Length Article
2.) Review Articles
3.) Case Reports
4.) Short Communication
5.) Opinion Paper
6.) Correspondence (and Replies)

Full Length Article
Full length articles are original, high-quality, research papers presenting novel scientific findings. The material should not have been previously published elsewhere, except in a preliminary form.

Review Articles
Reviews should address topics or issues of current interest. They may be submitted or invited. Review articles must include a methods section explaining how the literature for review was selected.

Case Reports
Case Reports can focus on any species under the management or care of humans but, by definition, must include core clinical content and must present novel findings. Content can focus on a report of a new condition, treatment and follow-up of complex presentations. The format for Case Reports is generally as follows: presentation, history and presenting signs, physical and laboratory evaluation and any other diagnostic assessments deemed relevant, diagnosis, treatment, follow-up, summary and discussion, acknowledgements, and references.

Short Communication
A Short Communication is a concise but complete description of a limited investigation, which will not be included in a later paper. Short communications should be as completely documented, both by reference to the literature and description of the experimental procedures employed, as a regular paper.

Opinion Paper
An Opinion Paper is a short, opinion-type contribution that normally does not offer original research. The number of Opinion Papers per journal volume may be limited at the discretion of the editors.

Correspondence and Replies
Correspondence allows concise commentary about an article published in the journal within 6 months of its online posting. The text should raise a question for clarification, offer an alternative perspective, or explain a flaw in methodology or a perceived misinterpretation of data. The correspondence should address no more than two or three points. Correspondence should not be used as an avenue to introduce new material without subjecting it to typical peer review.

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Editorials will be solicited by the Editors. Authors wishing to submit an Editorial should first seek the advice of the Editors.

BEFORE YOU BEGIN

Ethics In Publishing
This journal is a member of, and subscribes to the principles of, the Committee on Publication Ethics (COPE) http://www.publicationethics.org.

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Authors must also ensure that their manuscript has been carried out in accordance with the Uniform Requirements for manuscripts submitted to Biomedical journals http://www.icmje.org/recommendations/

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If the work involves the use of animal subjects, the author should ensure that the work described has been carried out in accordance with the NC3Rs ARRIVE Guidelines (Animals in Research: Reporting In Vivo Experiments). Visit https://www.nc3rs.org.uk/arrive-guidelines for more information.

Where animals have been used in a study, the Institutional Animal Care and Use Committee (IACUC) or equivalent ethics review committee, under which the work was conducted, must be stated along with the specific authorisation reference number and the date of approval. This should be explicitly stated in the Materials and Methods section along with the name of the ethics review committee and any regional, national or international guidelines which have been followed. In all cases, unnecessary suffering or cruelty in animal experimentation will not be acceptable to the Editors of Veterinary and Animal Science. The Editors may, at their discretion, reject any paper where there is reason to believe that animals have been subjected to unnecessary or avoidable pain or distress.

If the study was carried out in a territory, region or institution where a formal ethics review committee does not exist, please ensure that you have followed the ARRIVE Guidelines in full; in particular Item 5 (Ethical statement) which requires all authors to clearly state the ethics procedures guidelines which have been followed in the Methods section of their research, and to detail any ethical review permissions which have received.

If a study involves the use of client-owned animals, all necessary steps must have been taken to ensure that animal care, including veterinary care, has been carried out to a high standard and with informed, written client consent.

Research involving Human Subjects
If the work involves the use of human subjects, the author should ensure that the work described has been carried out in accordance with The Code of Ethics of the World Medical Association (Declaration of Helsinki) for experiments involving humans http://www.wma.net/en/30publications/10policies/b3/index.html, and if such a procedure applies in the territory where the research was conducted, subject to an ethical committee process.

The privacy rights of human subjects must always be observed.

Resources
You may wish to consult the following resources but please note that you must fulfill the regional and institutional guidelines relating to care and use of animals, pertaining to the territory in which the research was carried out, before submitting your manuscript:


**Declaration of competing interest**

All authors must disclose any financial and personal relationships with other people or organizations that could inappropriately influence (bias) their work. Examples of potential conflicts of interest include employment, consultancies, stock ownership, honoraria, paid expert testimony, patent applications/registrations, and grants or other funding. Authors should complete the declaration of competing interest statement using this template and upload to the submission system at the Attach/Upload Files step. **Note: Please do not convert the .docx template to another file type. Author signatures are not required.** If there are no interests to declare, please choose the first option in the template. This statement will be published within the article if accepted. More information.

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This journal operates a single blind review process. All contributions are typically sent to a minimum of two independent expert reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. More information on types of peer review.

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Subdivision - numbered sections
Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

Introduction
State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

Material and methods
Provide sufficient details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.

Results
Results should be clear and concise.

Discussion
This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions
The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.
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If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

Essential title page information

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A concise and factual abstract is required. The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone. For this reason, references should be avoided, but if essential, then cite the author(s) and year(s). Also, non-standard or uncommon abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

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Immediately after the abstract, provide a maximum of 6 keywords, using British or American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

Abbreviations
Define abbreviations that are not standard in this field in a footnote to be placed on the first page of the article. Such abbreviations that are unavoidable in the abstract must be defined at their first mention there, as well as in the footnote. Ensure consistency of abbreviations throughout the article.
Acknowledgements
Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

Formatting of funding sources
List funding sources in this standard way to facilitate compliance to funder's requirements:

Funding: This work was supported by the National Institutes of Health [grant numbers xxxx, yyyy]; the Bill & Melinda Gates Foundation, Seattle, WA [grant number zzzz]; and the United States Institutes of Peace [grant number aaaa].

It is not necessary to include detailed descriptions on the program or type of grants and awards. When funding is from a block grant or other resources available to a university, college, or other research institution, submit the name of the institute or organization that provided the funding.

If no funding has been provided for the research, please include the following sentence:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

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Follow internationally accepted rules and conventions: use the international system of units (SI). If other units are mentioned, please give their equivalent in SI.

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Please submit math equations as editable text and not as images. Present simple formulae in line with normal text where possible and use the solidus (/) instead of a horizontal line for small fractional terms, e.g., X/Y. In principle, variables are to be presented in italics. Powers of e are often more conveniently denoted by exp. Number consecutively any equations that have to be displayed separately from the text (if referred to explicitly in the text).

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Footnotes should be used sparingly. Number them consecutively throughout the article. Many word processors can build footnotes into the text, and this feature may be used. Otherwise, please indicate the position of footnotes in the text and list the footnotes themselves separately at the end of the article. Do not include footnotes in the Reference list.

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Please submit tables as editable text and not as images. Tables can be placed either next to the relevant text in the article, or on separate page(s) at the end. Number tables consecutively in accordance with their appearance in the text and place any table notes below the table body. Be sparing in the use of tables and ensure that the data presented in them do not duplicate results described elsewhere in the article. Please avoid using vertical rules and shading in table cells.

**References**

**Citation in text**
Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. Unpublished results and personal communications are not recommended in the reference list, but may be mentioned in the text. If these references are included in the reference list they should follow the standard reference style of the journal and should include a substitution of the publication date with either 'Unpublished results' or 'Personal communication'. Citation of a reference as 'in press' implies that the item has been accepted for publication.

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Increased discoverability of research and high quality peer review are ensured by online links to the sources cited. In order to allow us to create links to abstracting and indexing services, such as Scopus, CrossRef and PubMed, please ensure that data provided in the references are correct. Please note that incorrect surnames, journal/book titles, publication year and pagination may prevent link creation. When copying references, please be careful as they may already contain errors. Use of the DOI is highly encouraged.

A DOI is guaranteed never to change, so you can use it as a permanent link to any electronic article. An example of a citation using DOI for an article not yet in an issue is: VanDecar J.C., Russo R.M., James D.E., Ambeh W.B., Franke M. (2003). Aseismic continuation of the Lesser Antilles slab beneath northeastern Venezuela. Journal of Geophysical Research, https://doi.org/10.1029/2001JB000884. Please note the format of such citations should be in the same style as all other references in the paper.

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As a minimum, the full URL should be given and the date when the reference was last accessed. Any further information, if known (DOI, author names, dates, reference to a source publication, etc.), should also be given. Web references can be listed separately (e.g., after the reference list) under a different heading if desired, or can be included in the reference list.
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This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List. Data references should include the following elements: author name(s), dataset title, data repository, version (where available), year, and global persistent identifier. Add [dataset] immediately before the reference so we can properly identify it as a data reference. The [dataset] identifier will not appear in your published article.

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Please ensure that the words 'this issue' are added to any references in the list (and any citations in the text) to other articles in the same Special Issue.

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**List:** references should be arranged first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication.

**Examples:**

Reference to a journal publication:

**Journal abbreviations source**

Journal names should be abbreviated according to the List of Title Word Abbreviations.
**Video data**
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**Supplementary material**
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