

PHARMACOLOGY BIOCHEMISTRY & BEHAVIOR

GUIDE FOR AUTHORS

AIMS AND SCOPE

Pharmacology Biochemistry and Behavior will publish original reports in the areas of pharmacology, biochemistry, and toxicology in which the primary emphasis and theoretical context are behavioral. Contributions may involve clinical, preclinical, or basic research. Purely behavioral studies generally will not be published unless they have directly demonstrable relevance to the areas of pharmacology, biochemistry, or toxicology. Special encouragement is directed to participation of promising young scientists as well as investigators from the growing neuroscience communities in Europe and Asia.

Prompt publication of original articles will be the standard procedure and no brief or rapid communications will be considered. Articles will be published in the following formats:

Original Investigations: Original high-quality research reports of systematic, comprehensive studies; preliminary data will not be published. Manuscripts that describe a new method, technique, or apparatus pertinent to the aims and scope of the journal will also be considered. Although there is no specific page limitation for this type of submission, articles should generally fall within the range of 5–10 printed pages (15–24 typewritten pages), including tables, figures, and references.

Review Articles: A limited number of relevant and timely theoretical review articles and results of symposia will be published. Generally these review articles will be solicited by the Editorial Board, but authors are encouraged to submit a letter of interest accompanied by a brief outline (less than 2 pages) of the proposed review to the Editors.

Special Issues: A limited number of special issues reflecting timely new research areas or topics will be published. Generally these special issues will be solicited by the Editorial Board, but authors are encouraged to submit suggestions. A guest editor will be appointed for these special issues.

The accepted abbreviation for *Pharmacology Biochemistry and Behavior* for bibliographic citation is *Pharmacol Biochem Behav*.

SUBMISSION CHECKLIST

It is hoped that this list will be useful during the final checking of an article prior to sending it to the journal's Editor for review. Please consult this Guide for Authors for further details of any item. **Ensure that the following items are present:**

- One Author designated as corresponding Author:
 - E-mail address
 - Full postal address
 - Telephone and fax numbers
- All necessary files have been uploaded
- Keywords
- All figure captions
- All tables (including title, description, footnotes)

Further considerations

- Manuscript has been "spellchecked"
- References are in the correct format for this journal
- All references mentioned in the Reference list are cited in the text, and vice versa
- Permission has been obtained for use of copyrighted material from other sources (including the Web)
- Colour figures are clearly marked as being intended for colour reproduction on the Web (free of charge) and in print or to be reproduced in colour on the Web (free of charge) and in black-and-white in print
- If only colour on the Web is required, black and white versions of the figures are also supplied for printing purposes

For any further information please contact the Author Support Department at authorsupport@elsevier.com

SUBMISSION OF ARTICLES

Papers submitted for publication with a European country of origin should be sent to Professor David N. Stephens, and papers from elsewhere should be directed to Dr. George F. Koob. Authors should provide a list of names and addresses of four potential referees who should not be directly associated with the research in the submitted manuscript.

Submission to this journal proceeds totally on-line. Use the following guidelines to prepare your article. Via the "Author Gateway" page of this journal (<http://ees.elsevier.com/pbb>) you will be guided stepwise through the creation and uploading of the various files. The system automatically converts source files to a single Adobe Acrobat PDF version of the article, which is used in the peer-review process. Please note that even though manuscript source files are converted to PDF at submission for the review process, these source files are needed for further processing after acceptance. All correspondence, including notification of the Editor's decision and requests for revision, takes place by e-mail and via the Author's homepage, removing the need for a hard-copy paper trail.

The above represents a very brief outline of this form of submission. It can be advantageous to print this "Guide for Authors" section from the site for reference in the subsequent stages of article preparation.

Should you be unable to submit your article online for any reason, please contact the relevant Editor by email for instructions on submitting by hard copy. If you are submitting your paper from a European country please address your query to PBB@elsevier.com, otherwise please contact gfkpbb@scripps.edu. Note that contributions may be **either** submitted online **or** sent by mail. Please do **NOT** submit via both routes and do **NOT** submit by email (as frequently this leads to formatting of manuscripts and figures becoming corrupted between electronic platforms; for example, between Macintosh and PC systems).

The covering letter accompanying the manuscript must include a statement that the experimental protocol was approved by an Institutional Review Committee for the use of Human or Animal Subjects or that procedures are in compliance with at least the Declaration of Helsinki for human subjects, or the National Institutes of Health Guide for Care and Use of Laboratory Animals (Publication No. 85-23, revised 1985), the UK Animals Scientific Procedures Act 1986 or the European Communities Council Directive of 24 November 1986 (86/609/EEC). **This statement is required both in cover letter as well as in the Methods section of the manuscript.** Manuscripts will be returned if there is sufficient evidence that these accepted procedures and good ethical standards have not been followed.

It is essential to give a fax number and e-mail address when submitting a manuscript. Articles must be written in good English.

Submission of an article implies that the work described has not been published previously (except in the form of an abstract or as part of a published lecture or academic thesis), that it is not under consideration for publication elsewhere, that its publication is approved by all Authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other language, without the written consent of the Publisher.

Copyright

Upon acceptance of an article, Authors will be asked to transfer copyright (for more information on copyright see <http://authors.elsevier.com>). This transfer will ensure the widest possible dissemination of information. A letter will be sent to the corresponding Author confirming receipt of the manuscript. A form facilitating transfer of copyright will be provided.

If excerpts from other copyrighted works are included, the Author(s) must obtain written permission from the copyright owners and credit the source(s) in the article. Elsevier has preprinted forms for use by Authors in these cases: contact Elsevier's Rights

PHARMACOLOGY BIOCHEMISTRY & BEHAVIOR

Department, Oxford, UK: phone (+44) 1865 843830, fax (+44) 1865 853333, e-mail permissions@elsevier.com. Requests may also be completed on-line via the Elsevier homepage (<http://www.elsevier.com/locate/permissions>).

Authors' rights

As an author you (or your employer or institution) may do the following:

- Make copies (print or electronic) of the article for your own personal use, including for your own classroom teaching use.
- Make copies and distribute such copies (including through e-mail) of the article to research colleagues, for the personal use by such colleagues (but not commercially or systematically, e.g., via an e-mail list or list server).
- Post a pre-print version of the article on Internet websites including electronic pre-print servers, and to retain indefinitely such version on such servers or sites.
- Post a revised personal version of the final text of the article (to reflect changes made in the peer review and editing process) on your personal or institutional website or server, with a link to the journal homepage (on elsevier.com).
- Present the article at a meeting or conference and to distribute copies of the article to the delegates attending such a meeting.
- For your employer, if the article is a 'work for hire', made within the scope of your employment, your employer may use all or part of the information in the article for other intra-company use (e.g., training).
- Retain patent and trademark rights and rights to any processes or procedure described in the article.
- Include the article in full or in part in a thesis or dissertation (provided that this is not to be published commercially).
- Use the article or any part thereof in a printed compilation of your works, such as collected writings or lecture notes (subsequent to publication of your article in the journal).
- Prepare other derivative works, to extend the article into book-length form, or to otherwise re-use portions or excerpts in other works, with full acknowledgement of its original publication in the journal.

US National Institutes of Health (NIH) voluntary posting/ "Public Access Policy"

Elsevier facilitates author posting in connection with the voluntary posting request of the NIH (referred to as the NIH "Public Access Policy", see <http://www.nih.gov/>) by submitting the peer-reviewed author's manuscript directly to PubMed Central on request from the author, immediately after final publication. Please e-mail us at NIHauthorrequest@elsevier.com that your work has received NIH funding (with the NIH grant/project number(s), as well as name and e-mail address of the Principal Investigator(s)) and that you intend to respond to the NIH request. Upon such confirmation, Elsevier will submit to PubMed Central on your behalf a version of your manuscript that will include peer-review comments, for public access posting 12 months after the final publication date. This will ensure that you will have responded fully to the NIH request policy. There will be no need for you to post your manuscript directly to PubMed Central, and any such posting is prohibited (although Elsevier will not request that manuscripts authored and posted by US government employees should be taken down from PubMed Central). Individual modifications to this general policy may apply to some Elsevier journals and its society publishing partners.

PREPARATION OF TEXT

Presentation of manuscript

Please write your text in good English (American or British usage is accepted, but not a mixture of these). Italics are not to be used for expressions of Latin origin, for example, *in vivo*, *et al.*, *per se*. Use decimal points (not commas); use a space for thousands (10 000 and above). All dimensions and measurements must be specified in the metric system. Standard nomenclature, abbreviations and symbols, as specified by Royal Society Conference of Editors. Metrification in Scientific Journals, *Am. Scient.*

56:159–164; 1968, should be used throughout. Italics should not be used for the purpose of emphasis.

Length of Paper. The Editors insist upon clear, concise statements of facts and conclusions. Fragmentation of material into numerous short reports is discouraged.

Drugs. Proprietary (trademarked) names should be capitalized. The chemical name should precede the trade, popular name, or abbreviation of a drug the first time it occurs. The manufacturer's name and location should be included in the text.

Footnotes. Title page footnotes should be numbered consecutively. If the senior author is not to receive reprint requests, a footnote should be given to designate to whom requests should be sent. Text footnotes should not be used; the material should be incorporated into the text.

Acknowledgements. Collate acknowledgements in a separate section at the end of the article and do **not**, therefore, include them on the title page, as a footnote to the title or otherwise. All sources of funding supporting the work are to be declared. Authors are to disclose all financial relationships with any persons or organisations that could be perceived to bias the work described in the manuscript. In submitting the article for consideration for publication, the author(s) attest that all potential conflicts of interest have been disclosed and addressed in the manuscript.

References. Responsibility for the accuracy of bibliographic citations lies entirely with the Authors. *Citations in the 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.

Text: All citations in the text should refer to:

1. *Single Author:* the Author's name (without initials, unless there is ambiguity) and the year of publication;
2. *Two Authors:* both Authors' names and the year of publication;
3. *Three or more Authors:* first Author's name followed by "et al." and the year of publication. Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.

Examples: "as demonstrated in wheat (Allan, 1996a, 1996b, 1999; Allan and Jones, 1995). Kramer et al. (2000) have recently shown ..."

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:

Van der Geer J, Hanraads JAJ, Lupton RA. The art of writing a scientific article. *J Sci Commun* 2000;163:51–9.

Reference to a book:

Strunk Jr W, White EB. The elements of style. 3rd ed. New York: Macmillan; 1979.

Reference to a chapter in an edited book:

Mettam GR, Adams LB. How to prepare an electronic version of your article. In: Jones BS, Smith RZ, editors. Introduction to the electronic age. New York: E-Publishing Inc; 1994. p. 281–304.

Note shortened form for last page number. e.g., 51–9, and that for more than 6 Authors the first 6 should be listed followed by "et al". For further details you are referred to "Uniform Requirements for Manuscripts submitted to Biomedical

PHARMACOLOGY BIOCHEMISTRY & BEHAVIOR

Journals" (J Am Med Assoc 1997;277:927-934) (see also http://www.nlm.nih.gov/tsd/serials/terms_cond.html)

The digital object identifier (DOI) may be used to cite and link to electronic documents. The DOI consists of a unique alphanumeric character string which is assigned to a document by the publisher upon the initial electronic publication. The assigned DOI never changes. Therefore, it is an ideal medium for citing a document, particularly 'Articles in press' because they have not yet received their full bibliographic information.

The correct format for citing a DOI is shown as follows (example taken from a document in the journal *Physics Letters B*):

doi:10.1016/j.physletb.2003.10.071

When you use the DOI to create URL hyperlinks to documents on the web, they are guaranteed never to change.

Electronic format requirements for accepted articles

Wordprocessor documents

It is important that the file be saved in the native format of the wordprocessor used. The text should be in single-column format. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the wordprocessor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts, superscripts etc. Do not embed "graphically designed" equations or tables, but prepare these using the wordprocessor's facility. When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Author Gateway's Quickguide: <http://authors.elsevier.com>). Do not import the figures into the text file but, instead, indicate their approximate locations directly in the electronic text and on the manuscript. See also the section on [Preparation of electronic illustrations](#).

To avoid unnecessary errors you are strongly advised to use the "spellchecker" function of your wordprocessor.

Use double spacing and wide (3 cm) margins. (Avoid full justification, i.e., do not use a constant right-hand margin). Ensure that each new paragraph is clearly indicated. Present tables and figure captions on separate pages at the end of the manuscript. If possible, consult a recent issue of the journal to become familiar with layout and conventions. Number all pages consecutively.

Language Polishing

Authors who require information about language editing and copyediting services pre- and post-submission please visit <http://www.elsevier.com/wps/find/authors/home.authors/languagepolishing> or contact authorsupport@elsevier.com for more information.

Please note Elsevier neither endorses nor takes responsibility for any products, goods or services offered by outside vendors through our services or in any advertising. For more information please refer to our Terms & Conditions http://www.elsevier.com/wps/find/termsconditions.cws_home/termsconditions.

Provide the following data on the title page (in the order given).

Title. Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.

Author names and affiliations. Where the family name may be ambiguous (e.g., a double name), please indicate this clearly. Present the Authors' affiliation addresses (where the actual work was done) below the names. Indicate all affiliations with a lower-case superscript letter immediately after the Author's name and in front of the appropriate address. Provide the full postal address of each affiliation, including the country name, and, if available, the e-mail address of each Author.

Corresponding Author. Clearly indicate who is willing to handle correspondence at all stages of refereeing and publication, also post-publication. **Ensure that telephone and fax numbers (with country and area code) are provided in addition to the e-mail address and the complete postal address.**

Present/permanent address. If an Author has moved since the work described in the article was done, or was visiting at the time, a "Present address" (or "Permanent address") may be indicated as a footnote to that Author's name. The address at which the Author actually did the work must be retained as the main, affiliation address. Superscript Arabic numerals are used for such footnotes.

Abstract. A concise and factual abstract is required (maximum length 200 words). The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separate from the article, so it must be able to stand alone. References should therefore be avoided, but if essential, they must be cited in full, without reference to the reference list.

Keywords. Immediately after the abstract, provide a maximum of 12 keywords, 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.

Figure captions, tables, figures, schemes. Present these, in this order, at the end of the article. They are described in more detail below. High-resolution graphics files must always be provided separate from the main text file (see [Preparation of illustrations](#)).

PREPARATION OF ILLUSTRATIONS

Preparation of electronic illustrations

Submitting your artwork in an electronic format helps us to produce your work to the best possible standards, ensuring accuracy, clarity and a high level of detail.

General points

- Always supply high-quality printouts of your artwork, in case conversion of the electronic artwork is problematic.
- Make sure you use uniform lettering and sizing of your original artwork.
- Save text in illustrations as "graphics" or enclose the font.
- Only use the following fonts in your illustrations: Arial, Courier, Helvetica, Times, Symbol.
- Number the illustrations according to their sequence in the text.
- Use a logical naming convention for your artwork files, and supply a separate listing of the files and the software used.
- Provide all illustrations as separate files and as hardcopy printouts on separate sheets.
- Provide captions to illustrations separately.
- Produce images near to the desired size of the printed version.

A detailed guide on electronic artwork is available on our website: <http://authors.elsevier.com/artwork>; **you are urged to visit this site; some excerpts from the detailed information are given here.**

Formats

Regardless of the application used, when your electronic artwork is finalised, please "save as" or convert the images to one of the following formats (Note the resolution requirements for line drawings, halftones, and line/halftone combinations given below.):

EPS:	Vector drawings. Embed the font or save the text as "graphics".
TIFF:	Colour or greyscale photographs (halftones): always use a minimum of 300 dpi.
TIFF:	Bitmapped line drawings: use a minimum of 1000 dpi.
TIFF:	Combinations bitmapped line/half-tone (colour or greyscale): a minimum of 500 dpi is required.
DOC, XLS or PPT:	If your electronic artwork is created in any of these Microsoft Office applications please supply "as is".

PHARMACOLOGY BIOCHEMISTRY & BEHAVIOR

Please do not:

- Supply embedded graphics in your wordprocessor (spreadsheet, presentation) document;
- Supply files that are optimised for screen use (like GIF, BMP, PICT, WPG); the resolution is too low;
- Supply files that are too low in resolution;
- Submit graphics that are disproportionately large for the content.

Colour illustrations. If, together with your accepted article, you submit usable colour figures then Elsevier will ensure, at no additional charge, that these figures will appear in colour on the web (e.g., ScienceDirect and other sites) regardless of whether or not these illustrations are reproduced in colour in the printed version. For colour reproduction in print, you will receive information regarding the costs from Elsevier after receipt of your accepted article. For further information on the preparation of electronic artwork, please see <http://authors.elsevier.com/artwork>. Please note: Because of technical complications which can arise by converting colour figures to 'grey scale' (for the printed version should you not opt for colour in print) please submit in addition usable black and white prints corresponding to all the colour illustrations.

Tables. Number tables consecutively in accordance with their appearance in the text. Place footnotes to tables below the table body and indicate them with superscript lowercase letters. Avoid vertical rules. Be sparing in the use of tables and ensure that the data presented in tables do not duplicate results described elsewhere in the article. Tables must not duplicate material in text or illustrations. Short or abbreviated column heads should be used. Statistical measures of variation, SD, SEM, SE, etc., should be identified. Analysis of variance tables should not be submitted, but significant *F* should be incorporated where appropriate within the text. The appropriate form for reporting *F* value is: $F(11, 20) = 3.05, p < 0.01$.

Preparation of supplementary data. Elsevier now accepts electronic supplementary material (e-components) to support and enhance your scientific research. Supplementary files offer the Author additional possibilities to publish supporting applications, movies, animation sequences, high-resolution images, background datasets, sound clips and more. Supplementary files supplied will be published online alongside the electronic version of your article in Elsevier Web products, including ScienceDirect: <http://www.sciencedirect.com>. In order to ensure that your submitted material is directly usable, please ensure that data is provided in one of our recommended file formats. Authors should submit the material in electronic format together with the article and supply a concise and descriptive caption for each file. For more detailed instructions please visit our artwork instruction pages at the Author Gateway at <http://authors.elsevier.com/artwork>.

Formulas and Equations. Structural chemical formulas, process flow-diagrams, and complicated mathematical expressions should be kept to a minimum. Usually chemical formulas

and flow-diagrams should be drawn in India ink for reproduction as line cuts. All subscripts, superscripts, Greek letters, and unusual characters must be clearly identified.

Anesthesia. In describing surgical procedures on animals, the type and dosage of the anesthetic agent should be specified. Curarizing agents are not anesthetics; if these were used, evidence must be provided that anesthesia of suitable grade and duration was employed.

Proofs. One set of page proofs in PDF format will be sent by e-mail to the corresponding Author (if we do not have an e-mail address then paper proofs will be sent by post). Elsevier now sends PDF proofs which can be annotated; for this you will need to download Adobe Reader version 7 available free from <http://www.adobe.com/products/acrobat/readstep2.html>. Instructions on how to annotate PDF files will accompany the proofs.

If you do not wish to use the PDF annotations function, you may list the corrections (including replies to the Query Form) and return to Elsevier in an e-mail. Please list your corrections quoting line number. If, for any reason, this is not possible, then mark the corrections and any other comments (including replies to the Query Form) on a printout of your proof and return by fax, or scan the pages and e-mail, or send by post.

Please use this proof only for checking the typesetting, editing, completeness and correctness of the text, tables and figures. Significant changes to the article as accepted for publication will only be considered at this stage with permission from the Editor. We will do everything possible to get your article published quickly and accurately. Therefore, it is important to ensure that all of your corrections are sent back to us in one communication: please check carefully before replying, as inclusion of any subsequent corrections cannot be guaranteed. Proofreading is solely your responsibility. Return corrections within 2 days of receipt of the proofs. Note that Elsevier may proceed with the publication of your article if no response is received.

Offprints. The corresponding author, at no cost, will be provided with a PDF file of the article via e-mail or, alternatively, 25 free paper offprints. The PDF file is a watermarked version of the published article and includes a cover sheet with the journal cover image and a disclaimer outlining the terms and conditions of use.

Author enquiries. For enquiries relating to the submission of articles (including electronic submission where available) please visit Elsevier's Author Gateway at <http://authors.elsevier.com>. The Author Gateway also provides the facility to track accepted articles and set up e-mail alerts to inform you of when an article's status has changed, as well as detailed artwork guidelines, copyright information, frequently asked questions and more. Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.