

JPET Instructions to Authors

Please note: Increased page charges will be assessed for manuscripts first received at the editorial office after September 30, 2003. See Page and Illustration Charges below.

Refer to <http://jpet.aspetjournals.org> for the most current *Instructions to Authors*.

Scope of Submitted Manuscripts

The Journal invites for review original papers dealing with interactions of chemicals with biological systems. All aspects of pharmacology and therapeutics are appropriate, but descriptive case reports without dose-response or mechanistic studies are not acceptable. Manuscripts dealing primarily with new methods will be reviewed only if data are presented showing that new or more reliable pharmacological information has been obtained with their use.

Submission of Manuscripts

Effective July 1, 2002, ALL manuscripts submissions must be made through the journal's online manuscript system at <http://submit-jpet.aspetjournals.org>. Submissions mailed to the editorial office will not be processed.

If you are using the system for the first time, you must create an account before you can submit a paper. To do so, please click on the Home button on the navigation bar, and then click on Create a new account. Complete instructions for using the online manuscript system are provided in the Author Area; click on Help with Online Submission.

After submitting your manuscript online, please mail or fax (credit cards only) the items detailed below in a) and b) to Dr. S. J. Enna, Editor, *Journal of Pharmacology and Experimental Therapeutics*, Department of Pharmacology, Toxicology and Therapeutics, University of Kansas Medical Center, 3901 Rainbow Blvd., Kansas City, KS 66160-7424; telephone (913) 588-7533; fax: (913) 588-7373:

a) A check or institutional purchase order for \$40.00 for the manuscript handling fee (in U.S. dollars drawn on a U.S. bank payable to ASPET). Visa, Mastercard, and American Express credit cards are also accepted. When paying by credit card, provide the cardholder's name, complete card number, expiration date, and include the 3 digits located on the back of a Visa or MasterCard in the signature box or four printed digits on the front of the American Express card above the raised numbers. Please state whether the card is Visa, Mastercard, or American Express (no other cards are acceptable), and include the cardholder's signature.

b) A completed copy of the Authorship Responsibility, Financial Disclosure, and Copyright Transfer form signed by all authors (a copy of the form follows the *Instructions to Authors*). Submission of a manuscript amounts to assurance that it has received proper clearance from the author's company or institution, that it has not been copyrighted, published, or accepted for publication elsewhere, that it is not currently being considered for publication elsewhere, and that it will not be submitted elsewhere while under consideration by the *Journal of Pharmacology and Experimental Therapeutics*. The corresponding author is responsible for obtaining permission from the copyright owner to reproduce or modify figures and tables and to reproduce text (in whole or in part) from previous publications; permissions must allow electronic reproduction as well as print. A permission request form is available from the editorial office. The signed permissions must be submitted with the

manuscript and be identified as to the relevant item in the manuscript (e.g., "permissions for Fig. 1"). In addition, a statement indicating that the material is being reprinted with permission must be included in the relevant figure legend or table footnote of the manuscript. Reprinted text must be enclosed in quotation marks, and the permission statement must be included as running text or indicated parenthetically.

Manuscripts must be in English, typewritten using only **Ariel** or **Times Roman** font, and double spaced throughout, including references, tables, and figure legends, with at least 1 inch (25 mm) margins.

The American Society for Pharmacology and Experimental Therapeutics requires authors to affirm that original studies reported in the journals of the Society have been carried out in accordance with the Declaration of Helsinki and/or with the Guide for the Care and Use of Laboratory Animals as adopted and promulgated by the U.S. National Institutes of Health.

Organization of the Manuscript

Manuscripts should contain the following sections in the order listed. Each section should begin on a new page and all pages should be numbered consecutively.

1. Title page. This should contain the complete title of the article, the names of all authors, and the primary laboratory of origin. Financial support for the research should be indicated as an unnumbered footnote to the title and included with other footnotes on a separate page following the *References* section.

2. Running title page. The running title page should contain the following:

a) A running title, which conveys the sense of the full title (not to exceed 60 characters, including spaces and punctuation). Commonly used abbreviations (e.g., "ATP", "Ach", etc.) may be used.

b) The name, address, telephone and fax numbers, and e-mail address of the corresponding author. The e-mail address will also be used as a hypertext link in the on-line version of the paper.

c) The number of text pages, number of tables, figures, and references, and the number of words in the *Abstract*, *Introduction*, and *Discussion* (each item should be placed on a separate line).

d) A list of nonstandard abbreviations used in the paper. Standard abbreviations are those listed in the *Instructions to Authors* of the *Journal of Biological Chemistry*, 272:1-4 (1997). The use of abbreviations should be minimized to enhance readability and comprehension of the text.

e) A recommended section assignment to guide the listing in the table of contents.

Section options are:

Absorption, Distribution, Metabolism, & Excretion
Behavioral Pharmacology
Cardiovascular
Cellular & Molecular
Chemotherapy, Antibiotics, & Gene Therapy
Endocrine & Reproductive
Gastrointestinal, hepatic, Pulmonary, & Renal
Inflammation & Immunopharmacology
Neuropharmacology
Toxicology
Other

3. Abstract. The abstract should concisely present the hypothesis being tested, general methods, results, and conclusions. Abstracts of more than 250 words will not be accepted. A word is one or more characters bounded by white space.

4. Introduction. This section, which has no heading, must contain a clear statement of the aims of the work or of the hypotheses being tested. A brief account of the relevant background that supports the rationale of the study should also be given. The length of the *Introduction* should not exceed 750 words.

5. Methods. This section should contain explicit, concise descriptions of all new methods or procedures employed. Whereas modifications of previously published methods must be described, commonly used procedures require only a citation of the original source. Descriptions of methods must be sufficient to enable the reader to judge the accuracy, reproducibility, and reliability of the experiment(s). The name and location (city and state or country) of commercial suppliers of chemicals, reagents, and equipment must be given.

6. Results. Contained in this section are the experimental data, with no discussion of their significance. Results are typically presented in figures or tables, with no duplication of information in the text. If a table or figure includes less than four values, the data should be presented in the text rather than as a separate table or figure. Magnitudes of variables reported should be expressed in numerals. Generally, units are abbreviated without punctuation and with no distinction between singular and plural forms (e.g., 1 mg, 25 mg). Sufficient data should be presented to allow for judgement of the variability and reliability of the results. Statistical probability (p) in tables, figures, and figure legends should be expressed as $*p < 0.05$, $**p < 0.01$, and $***p < 0.001$. For second comparisons, the symbols †, ††, and ††† may be used. For multiple comparisons within a table, footnotes italicized in lower case, superscript letters (^a, ^b, ^c, etc.) are used and defined in the table legend.

7. Discussion. Conclusions drawn from the results presented are included in this section. Whereas speculative discussion is allowed, it must be identified as such and be based on the data presented. The *Discussion* must be as concise as possible and should not exceed 1,500 words.

8. Acknowledgments. The *Acknowledgments* section is placed at the end of the text. Personal assistance is noted here; however, financial support is acknowledged as an unnumbered footnote to the title.

9. References. References are cited in the text by giving the first author's name (or the first and second if they are the only authors) and the year of publication (e.g., Ruth and Gehrig, 1929; McCarthy, 1952; or Kennedy et al., 1960). In the reference list, the references should be arranged alphabetically by author and not numbered. The names of all authors should be given in the reference list. If reference is made to more than one publication by the same author(s) in the same year, suffixes (a, b, c, etc.) should be added to the year in the text citation and in the references list. Journal titles should be abbreviated as given in the abbreviation list linked to the online Instructions to Authors. The total number of references is limited to 40. References to personal communications, unpublished observations, and papers submitted for publication are given in parentheses at the appropriate location in the text, not in the list of references. Only papers that have been officially accepted for publication may be cited as "in press" in the reference list. The authors are responsible for the accuracy of the references. The format for journal article, chapter, and book references is as follows:

Griffiths RR, Bigelow GE and Liebson IA (1986) Human coffee drinking: Reinforcing and physical dependence producing effects of caffeine. *J Pharmacol Exp Ther* 239:416–425.

Chernow B and O'Brian JT (1984) Overview of catecholamines in selected endocrine systems, in *Norepinephrine* (Ziegler MG and Lake CR eds) pp 439–449, Williams & Wilkins, Baltimore.

Tallarida RJ and Murray RB (1987) *Manual of Pharmacologic Calculations with Computer Programs*. Springer-Verlag, New York.

10. Footnotes. Footnotes should be listed on a separate page and presented in the following order:

a) Unnumbered footnote providing the source of financial support, thesis information, citation of meeting abstracts where the work was previously presented, etc.

b) The name and full address (with street address or P.O. box and postal code) of person to receive reprint requests.

c) Numbered footnotes, using superscript numbers, beginning with those (if any) to authors' names and listed in order of appearance.

11. Legends for figures. Figures are numbered consecutively with Arabic numerals, with each one displayed on a separate page. Legends must provide sufficient explanation for the reader to understand the figure independent of the text.

12. Tables. Each table must be double spaced and begin on a separate page. The tables are numbered consecutively with Arabic numerals, and designed to fit the column or page size of the Journal. A brief descriptive title is provided at the top of each table. General statements about the table follow the title in paragraph form. Footnotes to tables are referenced by italicized, lower case, superscript letters (^a, ^b, ^c, etc.) and defined beneath the table.

13. Figures. Submit illustrations prepared as specified at <http://cjs.cadmus.com/da>. Lettering on figures should be large enough to be legible after reduction to single-column width of 21 picas (about 3 ½ inches or 9 cm). Letter typesizes after reduction should be 6–8 points. Do not use varying letter typesizes within a single figure; use the same size or similar sizes throughout the drawing. Figures should be ready, in all respects, for direct reproduction. All panels of a multipart figure should be provided in the same file. If symbols are not explained on the face of the figure, only standard print characters may be used (X, O, □, ●, ■). Include figure titles in the legend and not on the figure itself. Photomicrographs and electron micrographs must be labeled with a magnification calibration in micrometers or Angstrom units. A statement concerning the magnification must appear in the figure legend.

The cost of publishing color figures will be billed to authors at a rate of \$400 per figure. If the corresponding author is an ASPET member in good standing when the paper is published and the referees and editor agree that color is necessary to convey the desired information, then the rate is \$200 per figure. Multiple-part figures submitted as separate illustrations are charged as separate figures.

Perspectives in Pharmacology

The *Journal of Pharmacology and Experimental Therapeutics* publishes, by invitation only, minireviews on contemporary and emerging topics in pharmacology.

Reagents

As a condition of publication the authors agree, whenever available quantities allow, to distribute freely to academic researchers for their own use any reagents (e.g., novel chemicals, DNA, antibodies) developed for the published study that are not available from commercial suppliers. Nucleic acid and protein sequences, as well as X-ray crystallographic coordinates, must be deposited in the appropriate databases with a release date no later than the publication date. Sequence accession numbers must be provided in the text.

Drugs

Generic drug names are used in text, tables, and figures. Trade names may be given in parentheses following the first text reference, but should not appear in titles, figures, or tables. Whereas trade names are capitalized, generic or chemical names are not. The chemical structure of new compounds (or a citation to the published structure) must be given. The form used in calculating concentrations (e.g., base or salt) must be indicated.

Receptor Nomenclature

The nomenclature used to identify receptors and ion channels should conform to guidelines of the Committee on Receptor Nomenclature and Drug Classification of the International Union of Pharmacology. These are published periodically in *Pharmacological Reviews*.

Page and Illustration Charges

Authors are assessed \$60 per printed page (\$30 for ASPET members) for an accepted manuscript. Authors of manuscripts first received at the editorial office after September 30, 2003 will be assessed \$60 per printed page (\$30 for ASPET members) for an accepted manuscript. Authors will receive with their page proof a request for information concerning such charges. The cost of colored illustrations will be assigned to the authors (see *Figures*). Questions on business matters should be directed to the Journals Director, American Society for Pharmacology and Experimental Therapeutics, 9650 Rockville Pike, Bethesda, MD 20814-3995; telephone: (301) 634-7060; fax: (301) 634-7158; e-mail: info@aspet.org.

After Acceptance

Authors will receive an e-mail message with a user name and password to access their page proofs online. Proofs should be printed out, corrected, and mailed to the compositor. Complete instructions will be included with the page proofs. Authors will be billed for substantial changes to page proofs, which must be returned within 48 hours after receipt. In exceptional cases, a "Note added in proof" may be published with the Editor's approval. An order form for reprints will be included with the page proofs.

Submission Checklist

- Letter of submission
- Authorship Responsibility, Financial Disclosure and Copyright Transfer form signed by all authors
- Manuscript handling fee of \$40.00
- The running title page includes the number of text pages, tables, figures and references, and the number of words in the Abstract, Introduction, and Discussion
- Manuscript double spaced throughout including references, figure legends, and tables (electronic files only—no hard copies)
- References checked for accuracy (*number not to exceed 40*)