Stedman’s Medical Dictionary, 25th Edition

Stedman’s/25 has an index-like, single-entry format in two columns of large, sharp print for quick scanning of the alphabetized entries. Plus the unique “dictionary within a dictionary” — the Stedman’s Subentry Locator — for locating elusive multi-word (subentry) terms, as spoken or written, by their modifying words. What’s more, only Stedman’s/25 includes:

- over 100,000 current terms
- 1,920 information-packed pages in an 8” x 10” format
- concise definitions with simplified phonetic spelling

1990/#7916-6/$43.00

Order Toll-Free:
Call 1-800-527-5597 or Fax 1-800-447-8438
from anywhere in the US or Canada!

Stedman’s/25 PLUS FOR WORDPERFECT and MICROSOFT WORD

Stedman’s/25 PLUS is your single source for medical/pharmaceutical spell checking with WordPerfect and Microsoft Word. Containing all the medical spell checking power of the popular Stedman’s/25, it includes 30,000 industry-standard trade and generic drug names.

Stedman’s/25 PLUS FOR WORDPERFECT and MS WORD — for TOTAL spellchecking and increased accuracy and personal productivity!

- WordPerfect — Single-User Version
  - IBM version for 5.0 or later (#17556-4) $99.00
    (also works under Windows 3.x)
  - MAC version for 2.02 (#17562-9) $99.00
- MS Word for Windows 2.0/above and MacWord 5.0/above (#17611-0) $99.00

Starter Kit for up to 5 Users
- IBM/Windows (#17577-7) $345
- MAC (#17582-3) $345
- MS Word (Windows/Mac) (#17612-9) $345

1990/#7916-6/$43.00

Williams & Wilkins
428 East Preston St. • Baltimore, MD 21202-3993
Notice to Contributors (Revised July 1, 1994)

Scope of Submitted Manuscripts

The Journal invites for review original papers dealing with interactions of chemicals with biological systems. Any aspect of pharmacological or therapeutics is included, but descriptive case reports without dose response or mechanism studies are not accepted. Manuscripts dealing primarily with new methods will be reviewed only if data are presented showing new or more reliable pharmacological information has been obtained by use of the method.

Submission of Manuscripts

Submit four copies of manuscript to Dr. John A. Harvey, Editor in Chief, Journal of Pharmacology and Experimental Therapeutics, Department of Pharmacology, Suite 129, The Medical College of Pennsylvania at EPPI, 3200 Henry Avenue, Philadelphia, PA 19129, accompanied by a check or purchase order for $40.00 manuscript handling fee (in U.S. funds drawn on a U.S. bank payable to ASPET). If submission of the manuscript handling fee entails personal financial hardship to the author, the fee will be waived. In that event the authors should submit a request for waiver of the fee at the time the manuscript is submitted. Only one copy of rejected manuscripts will be returned. Extra copies of figures will not be returned unless specifically requested at the time the manuscript is submitted.

Manuscripts should be typewritten and double spaced in the English language using one side only of approximately 21.6 by 20 cm paper. One original drawing or photograph of each line figure and four (4) clear copies and/or 4 original drawings or photographs of each half-tone figure are required. Pages should not be stapled together.

Authors submitting a manuscript do so with the understanding that if it is accepted for publication, copyright in the article, including the right to reproduce the article in all forms and media, shall be assigned exclusively to the Society for Pharmacology and Experimental Therapeutics. Reasonable requests by authors for permission to reproduce their contributions to the Journal will not be refused. It will be necessary for all authors to sign an assignment of copyright form which will be mailed from the Editorial Office on acceptance of the manuscript. The only exceptions will be manuscripts on work performed by employees of the U.S. Federal Government.

Cover Letters

Each manuscript must be accompanied by a written statement signed by one author: "The undersigned author affirms that the manuscript (title of article) and the data it contains are original, are not under consideration by another journal, and have not been published previously. The studies reported in this manuscript 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 National Institute of Health". Authors should also indicate in the cover letter the field of pharmacology to which the research applies.

Organization of the Manuscript

In most cases 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 manuscript, the names of all authors, and the laboratory of origin. Support for the research should be indicated as a numbered footnote to the title and included with other footnotes on a separate page following the reference section.

2. Running title page. a) A running title: should be included at the top of this page and should contain no more than 35 spaces, including punctuation. It should convey the sense of the paper. Commonly used abbreviations (such as "et al.", etc.) may be used in the running title. b) Corresponding author: this page should also contain the name, address, telephone and fax number of the person to whom all correspondence should be sent. c) A list of abbreviations used in the paper should also appear. Additionally, each abbreviation should be defined the first time it is used in the text.

3. Abstract. The abstract should present in a concise form the purpose, the general methods, the findings, and the conclusions of the manuscript. Abstracts should be limited to 200 words; abstracts of more than 250 words will not be accepted.

4. Introduction. This section should not be labeled, but should begin on a new page. It should contain a clear statement of the aims of the reported work or of the hypotheses which the work was designed to test. A brief account of the background of the reported work may also be given in this section.

5. Methods. This section should contain explicit, concise descriptions of all new methods or procedures employed. Modifications of previously published methods should be described. Commonly used methods require only a citation of the original source. When methods are described, the description should be such as to enable the reader to judge their accuracy, reproducibility and reliability and to repeat the experiment. Very extended descriptions of methods may be submitted for deposit with the American Society for Information Science National Auxiliary Publications Service (NAPS) c/o Microfiche Publications, P.O. Box 3513, Grand Central Station, New York, NY 10017. A text footnote or footnote stating at the eulter reference number available from NAPS permits interested readers to obtain the information and does not occupy an inordinate amount of Journal space. There is a nominal charge to authors for this procedure; those who request the complete information from NAPS pay a small fee.

6. Results. This section ordinarily contains the experimental data to be presented, but not extended discussions of their significance. Results should usually be presented in tabular form, rather than discursively. Graphic presentation of data is often preferred but there should not be duplication in text, tables and figures. Sufficient data must be given to allow readers to judge the reliability and reliability of the results. Statistical tests used and the data analyzed should be explained so that the findings can be interpreted and evaluated.

7. Discussion. This section should present conclusions to be drawn from the results. Speculative discussion is not discouraged, but the speculation should be based on the data presented and identified as such. The discussion should be as concise as possible, within the limits of the ideas which the authors wish to propose and adequate discussion of related work by others.

8. Acknowledgments. This section should begin on a separate page, have a separate heading, and be placed at the end of the text of the manuscript. Gifts and assistance can be acknowledged here but, financial support should appear in a footnote to the title.

9. References. In text citations give the author's name and the year of publication (e.g., McCarthy, 1962; Ruth and Gehrig, 1929). With more than two authors, the text citation should contain the name of the first author, followed by "et al.", and the date (e.g., Kennedy et al., 1960). In the list of references, entries should be arranged alphabetically by author and not numbered. All authors' names should be given. If reference is made to more than one publication by the same authors in the same year, suffixes (a, b, c, etc.) should be added to the year in the text citation and in the list of references.

The list of references should contain, in sequence, the following information: authors' names and initials, title of the cited article, title of the journal in which it appeared, if applicable, number of the journal, inclusive pagination and year of publication. Abbreviations for journals should conform to the Biois List of Serials (BioSciences Information Services of Biological Abstracts, Philadelphia, PA 19103). Citations of personal communications, unpublished observations, and papers submitted for publication should be given in parentheses at the appropriate place in the text, not in the list of references. A paper may not be cited as "in press" unless it has been accepted for publication. In such cases the name of the journal must be given.

Examples of references to books, chapters and journal articles follow:


Tallardis, R. J. and Murray, R. B.: Manual of Pharmacologic

No more than four references should be cited in support of any given point. The authors are responsible for accuracy of such citations and are urged to take the utmost care in proofreading citations and the reference list.

10. Footnotes. All footnotes to the title, authors’ names or text should be indicated by arabic numeral superscripts, not by letters or other symbols. The footnotes should be typed in sequence on a separate page, not a text page. Footnotes to tables are discussed under Tables, below.

11. Tables. Each table should be on a separate page. Tables should be numbered consecutively with arabic numerals, and should be designed to fit the column or page size of the Journal. A brief descriptive title should be given at the top of each table. The table number should be given in capital letters, the title in boldface upper and lower case letters (e.g., TABLE 3). Uptake of labeled drug by rat liver slices). The footnotes to the tables should be referenced by italicized lower case superscript letters (a, b, c, etc.) and should appear beneath the table involved, not on a separate page of the manuscript. Extensive tabular material not absolutely essential to the manuscript will be accepted for deposit with the ASIS/NAPS (see “Methods,” above). In such instances a footnote in the published paper will refer the interested readers to NAPS from which copies may be obtained. Note Statistics below for expressions of probability.

12. Legends for figures. These should be numbered consecutively in arabic numerals and should appear on a separate page of the manuscript. Legends should explain the figures in sufficient detail so that frequent referral to the text is unnecessary, but efforts should be made to avoid unnecessary length. Abbreviations in the legends should conform to those in the text (see “Abbreviations,” below).

13. Figures. Illustrations should be submitted as unmounted glossy prints, or laser jet quality figures, preferably reduced to single column size (approximately 3½ inches in width) to permit reproduction without further reduction. Otherwise, prints should be no larger than 8 by 10 inches and clear enough to permit reproduction without retouching after reduction. The author’s name and address and the number of the figure should be placed on the back of each print. A typed label is usually most satisfactory. Ball type pen should not be used. Note Statistics below for expression of probability. Uniform symbolization should be used for all illustrations in a manuscript. Symbols, numbers, and letters in the illustrations must be at least 1.5mm in height after reduction to single column size. The title of each figure should appear in the legend rather than on the figure itself. Photomicrographs and electron micrographs should be labeled with a magnification calibration in micro or Angstrom units. A statement of the magnification should appear in the figure legend.

14. Index Terms. A list of index terms useful in constructing the annual index should be included as the last page of the manuscript.

Statistics
Wherever possible statistical probability (P) in tables, figures, and figure legends should be expressed as * P < .05, ** P < .01 and *** P < .001. For second comparisons the symbols * may be used similarly. Authors are urged to avoid unnecessary complexity and to be consistent within the manuscript. In the event of multiple comparisons within a table, footnotes, a, b, c, etc. should be used.

Abbreviations
Magnitudes of variables reported should be expressed in numerals. Most abbreviations are used without punctuation, with no distinction between singular and plural forms (e.g., 1 mg, 25 mg; 1 sec, 5 sec). Special prefixes multiples or submultiples of the basic units (e.g., kg, g, mg. μg, ng). The following abbreviations, or their properly prefixed multiples or submultiples, may be used without definition in the text, tables and figures:

<table>
<thead>
<tr>
<th>Units of mass</th>
<th>Units of electricity</th>
</tr>
</thead>
<tbody>
<tr>
<td>gram</td>
<td>volt</td>
</tr>
<tr>
<td>mole</td>
<td>ampere</td>
</tr>
<tr>
<td>equivalent</td>
<td>cycles/sec</td>
</tr>
<tr>
<td>microgram</td>
<td>Hz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Units of concentration</th>
<th>Units of radioactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>molar (moles/M</td>
<td>curie</td>
</tr>
<tr>
<td>liter)</td>
<td>Ci</td>
</tr>
<tr>
<td>normal (Eq/N</td>
<td>counts per min</td>
</tr>
<tr>
<td>liter)</td>
<td>dpm</td>
</tr>
<tr>
<td>percent</td>
<td>roentgen</td>
</tr>
</tbody>
</table>

| Units of length or    | Units of time             |
| volume                |                           |
| meter                 | hour                      |
| micron μ              | hr or h                   |
| Angstrom              | minute                    |
| liter spell out l     | min or m                  |
| in text               | second                    |
|                      | sec or s                  |

Kinetics

dissociation constant

Disassociation constant of enzyme substrate complex
enzyme inhibitor complex
Michaelis constant
maximum initial velocity

Miscellaneous

degrees of temperature
gravity g
median doses LD50, ED50 etc.
optically isometric forms d-, l-, dl-
routes of drug administration i.v., i.p., s.c., i.m.
standard deviation S.D.
standard error S.E.

Whenever an abbreviation other than those above is to be used in a manuscript, it is to be defined in the text or in a footnote thereto, the first time it is used. Abbreviations for commonly used substances should be those recommended by the Journal of Biological Chemistry. Abbreviations for drugs may be used if properly defined on first use and if the chemical or generic name of the drug is given when the abbreviation is first used. Abbreviations may be used in the running title but not in the full title of the manuscript.

Drugs

generic names should be used in text, tables and figures. Trade names may be mentioned in parentheses in the first text reference to the drug but should not appear in titles, figures or tables. When a trade name is used, it should be capitalized; generic or chemical names are not capitalized. The chemical nature of new drugs must be given when it is known. The form of drug used in calculations of doses (e.g., base or salt) should be indicated. When several drugs are used, it may save space to include a separate paragraph in "Methods," or a separate table or footnote, listing the relevant information about all drugs employed.

Page Charges
Authors are assessed page charges at the rate of $30 per printed page. With the page proof, authors will receive a request for information concerning such charges. These charges will be assessed only if they involve no personal expenses to the authors. Request for waiver should be addressed to the ASPET Executive Officer at the time billing is received.

The cost of a limited number of illustrations will be borne by the Journal; the cost of excessive illustrations and of colored illustrations will have to be defrayed by the authors.

After acceptance: When the field editor recommends acceptance of an article for publication, authors are encouraged to submit electronic diakets of the final version along with the typed REVISED manuscript. The author will receive a packet of information containing copyright forms and detailed instructions pertaining to the publication of their manuscript.

Reprints and page charges. An order form for reprints as well as an informational form used for estimation of page charges will be mailed with the galley proof. Please direct questions on page charges, or other business matters to Kay Croker, Executive Officer, American Society for Pharmacology and Experimental Therapeutics, 9650 Rockville Pike, Bethesda, MD 20814.
THE JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS

Editor: John Harvey, PhD, The Medical College of Pennsylvania

JPET is respected the world over as one of the leading research journals in the field of pharmacology. Readers find broad coverage of all aspects of the interactions of chemicals with biological systems, including:

- autonomic pharmacology
- analgesia
- behavioral pharmacology
- cardiovascular pharmacology
- cellular pharmacology
- chemotherapy
- clinical pharmacology
- developmental pharmacology
- drug abuse
- drug metabolism & disposition
- gastrointestinal pharmacology
- immunopharmacology
- neuropharmacology
- pulmonary pharmacology
- renal pharmacology
- toxicology

JPET is valuable reading for academic, industrial and clinical pharmacologists as well as toxicologists. The Journal deserves a place in every pharmaceutical and toxicological research laboratory and pharmacology/toxicology department throughout the world.

Monthly

YES! Enter my subscription:

Avoid future rate increases and ensure uninterrupted service—enter your multiyear subscription today!

The Journal of Pharmacology and Experimental Therapeutics
(monthly)

- Individual: $190 yr
- Institutions: $440 yr

(Please add $65 outside the U.S., in Canada, also add 7% GST.)

- New Subscription
- Renewal
- 3 yrs
- 2 yrs
- 1 yr

Payment options:
- Check enclosed
- Bill me
- Visa
- MasterCard
- American Express

Signature: P.O. #

MD and PA subscribers must add state sales tax. Subscriptions outside the US and Canada must be prepaid in US dollars only. In Japan, contact Igaku-Shoin MYW Ltd. (03) 5689-5400. Rates valid for orders received before October 31, 1994.

Please allow 8 weeks for delivery of your first issue. Surface mail delivery to countries outside the US may take up to 16 weeks. Airmail rates available upon request.

Discounts available to members on all ASPET publications. SAVE 10% when ordering two. SAVE 15% when ordering three. SAVE 20% when ordering all four.

Williams & Wilkins
A Waverly Company

P.O. Box 24291
Baltimore, Maryland 21203-9990

Broadway House
3-6 Fulham Broadway
London SW6 1AA England

Printed in USA

J4074S ZPTT