Complete Instructions for Authors

January 2008

Interdiscipinary Toxicology is the official electronic and printed journal of the Slovak Toxicology Society SETOX and Institute of Experimental Pharmacology, Slovak Academy of Sciences (www.setox.eu). The international, peer-reviewed journal covering the fields of Toxicology, Pharmacology, Physiology and related areas such as reproductive medicine, embryology, teratology, molecular biology, biophysics, behavioral pharmacology, biochemistry, neurochemistry, receptor studies, animal breeding, and others.

The Journal publishes Original Papers, Review Articles and Clinical Reports on research related to toxicity of chemicals at molecular, cellular, tissue, target organ and whole body level *in vivo* (by all routes of exposure) and *in vitro/ex vivo* and a broad range of disciplines related to toxicology. Papers from both basic research and clinical research will be considered for fast publication.

ETHICAL/LEGAL CONSIDERATIONS

Originality and Scientific Rigor of Published Work

It is expected that manuscripts submitted to the journal be original works not previously published or under consideration elsewhere (except in abstract form). Manuscripts published in the journal must not be subsequently published elsewhere in similar form, in any language, without the consent of the Slovak Toxicology Society SETOX. Each person listed as an author is expected to have participated in the study to a significant extent, as guided by the International Committee of Medical Journal Editors, "Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication" accessible at http://www.icjme.org/. Although all manuscripts, except for selected editorial features, are subject to peer review, the responsibility for the accuracy and legitimacy of the scientific content of the manuscripts rests with the authors. It is also the responsibility of the authors to notify the editor in writing of all potentially perceived conflicts of interest, financial or otherwise.

Protection of Human Subjects

It is the authors' responsibilities to ensure that all research manuscripts, including investigative case series, have been properly reviewed for adequate protection of human subjects as required by the authors' institution(s). Such protections should be described in the Methods of the manuscript.

Copyright

After a manuscript is accepted, all authors must sign the journal's applicable "Copyright Transfer Form." Authors planning to reproduce previously copyrighted materials, such as figures, tables, or direct quotations, must solicit and obtain written permission from the copyright owner(s) prior to publication. It is the author's responsibility to secure such permission.

Protection of Animal in Research

When reporting experiments on animals, authors should be asked to indicate that they followed institutional and/or national guides for the care and use of laboratory animals. Such statement should be included in the Methods section.

Disclosure

Interdisciplinary Toxicology expects all authors to disclose all financial relationships with all companies regarding products mentioned in a manuscript. If any author has any perceived conflicts, the author is expected to disclose any perceived conflicts.

MANUSCRIPT SUBMISSION

All manuscripts should be submitted through e-mail in electronic form in plain English by email to the Editor-in-Chief: Assoc. Prof. Eduard Ujházy, PhD. (intertox@setox.eu) according to the Instructions for Authors (www.setox.eu/intertox/instructions.htm).

The files should be named with the following convention: first author's initials, date of submission (month-dateyear), underline, and the word "title", "text", or "Figure 1,2,3..." as appropriate. For example, "MM27-05-2008_Figure1."

Interdisciplinary Toxicology encourages submission of original work in the following journal categories: teratogenesis, (developmental) reproductive toxicology, carcinogenesis, mutagenesis, pharmacokinetics, toxicogenomics and proteomics, pharmacotoxicological and metabolic mechanisms, risk assessment, environmental toxicology and environmental health as applied to humans (including epidemiological studies), forensic toxicology, environmental chemistry, pesticides, dioxins, regulatory toxicology, occupational toxicology and food toxicology.

The Journal's "Letters to the Editor." Suitable for brief novel reports, commentary on previously published manuscripts within the journal, or other correspondence with relevance to medical toxicology.

General

All manuscripts should be submitted in Microsoft Word compatible formats. They should be in 12-pt font and be double-spaced throughout with 2.5 cm margins on all sides. Pages should be numbered, and a descriptive header (blinded, without authors' names) should appear on each page.

Title page

The title page must be submitted as a separate file (the manuscript will be forwarded to reviewers in blinded fashion without the title page). Information required on the title page:

- Complete manuscript title
- Authors' full names, academic degrees, and affiliations
- Name and address for correspondence (include telephone number and email address)
- Sources of funding for project
- Three to five "key words" acceptable for National Library of Medicine indexing

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. The abstract must be a single paragraph. IMPORTANT: If your manuscript is accepted, the abstract entered into the online metadata form will appear online EXACTLY the way you enter it during the submission process.

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.

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. Sources of compounds, reagents, and equipment not available commercially should be identified by name and affiliation here or in the Acknowledgments section.

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 judgment 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, one, two, or three daggers may be used. For multiple comparisons within a table, footnotes in lower case, superscript letters are used and defined in the table legend.

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.

Acknowledgments

The Acknowledgments section is placed at the end of the text. Personal assistance is noted here. Financial support is acknowledged as an unnumbered footnote to the title.

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 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 Medline abbreviation list linked to the online Instructions to Authors.

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:

1. 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.

2. 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.
3. Tallarida RJ and Murray RB (1987) *Manual of Pharmacologic Calculations with Computer Programs*. Springer-Verlag, New York.
4. National Institute on Drug Abuse [webpage on the Internet]. Club drugs. Washington, DC: National Institute on Drug Abuse [updated 2005 Apr 14; cited 2005 Aug 15]. Available from: http://www.nida.nih.gov/DrugPages/Clubdrugs.html

Tables

Each table must be double-spaced and begin on a separate page, each page numbered continuous with the rest of the manuscript. Tables are numbered consecutively with Arabic numerals. 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 lower case, superscript letters and defined beneath the table.

Acceptable formats for tables are Word and WordPerfect. Do not embed tables within the body of the manuscript. Tables should be self-explanatory and should supplement, rather than duplicate, the material in the text.

Figures

Each figure must be uploaded as a separate file in a 600+ dots per inch .tif, .eps, or .jpg format and scaled to fit an A4 page. Authors are advised to avoid submitting .ppt files; they do not reproduce as clearly as other formats. Label the front of every figure with the figure number.

Lettering on figures should be large enough to be legible after reduction to single-column width of 8 cm. Type sizes after reduction should be 6–8 points. Do not use varying letter type sizes 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. 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 EUR 50 per figure. If the corresponding author is an SETOX 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 EUR 20 per figure. Multiple-part figures submitted as separate illustrations are charged as separate figures. A color authorization form will be provided and must be completed prior to publication.

Schemes should be placed after tables, but before figures. Appendices should be placed after tables and figures.

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 and are freely accessible online at www.pharmrev.org.

Revised Manuscripts

Revised manuscripts must be submitted within the designated time and must contain an itemized list of all changes made, or a rebuttal, in response to each of the reviewers' suggestions. Do not neglect to retrieve the Revision Checklist to correct any publishing format deficiencies pertaining to your manuscript.

Make sure source files are included, figures conform to specifications (see Figures). Publication of accepted papers will be delayed pending correction of any outstanding deficiencies.

After Acceptance

Authors will receive an e-mail with their page proofs. Proofs should be printed out, corrected, and mailed to the compositor. Complete instructions will be included with the page proofs. An order form for reprints will be included with the page proofs.