

## JOURNAL OF THE SIENA ACADEMY OF SCIENCES

### GENERAL OBLIGATIONS FOR AUTHORS

- An author's central obligation is to present a concise, accurate account of the research performed as well as an objective discussion of its significance.

- A paper should contain sufficient detail and references to public sources of information to permit the author's peers to repeat the work.

- An author should cite those publications that have been influential in determining the nature of the reported work and that will guide the reader quickly to the earlier work that is essential for understanding the present investigation. Information obtained privately, as in conversation, correspondence, or discussion with third parties, should not be used or reported in the author's work without explicit permission from the investigator with whom the information originated. Information obtained in the course of confidential services, such as refereeing manuscripts or grant applications, should be treated similarly.

- Fragmentation of research papers should be avoided. A scientist who has done extensive work on a system or group of related systems should organize publication so that each paper gives a complete account of a particular aspect of the general study.

- It is inappropriate for an author to submit manuscripts describing essentially the same research to more than one journal of primary publication.

- A criticism of a published paper may sometimes be justified; however, in no case is personal criticism considered to be appropriate.

- To protect the integrity of authorship, only persons who have significantly contributed to the research and paper preparation should be listed as authors. The corresponding author attests to the fact that any others named as authors have seen the final version of the paper and have agreed to its submission for publication. Deceased persons who meet the criterion for co-authorship should be included, with a footnote reporting date of death. No fictitious names should be listed as authors or co-authors. The author who submits a manuscript for publication accepts the responsibility of having included as co-authors all persons that are appropriate and none that are inappropriate.

### INSTRUCTIONS TO AUTHORS

The authors are fully responsible for the language of their articles. Those for whom English is not the first language are advised to seek assistance of a native English speaker. Papers not meeting the standards of sound English grammar might not be published. All papers are refereed. Acceptance of papers is the responsibility of the Editor in Chief in consultation with the Editorial Advisory Committee.

Manuscripts submitted will be subject to peer review by two reviewers familiar with the relevant field of research, being from a different country or at least from different institution from the author. Only papers of high scientific quality will be accepted for publication. After review process, the Editor-in-Chief will inform the authors of the acceptance, rejection or necessity of revision of the manuscript. Manuscripts are accepted for review only when they report unpublished work that is not being considered for publication elsewhere.

Please read and follow these instructions carefully. The Publisher reserves the right to return manuscripts that are not prepared in accordance with these instructions.

### SUBMISSION OF MANUSCRIPTS BASED ON UNIFORM REQUIREMENTS FOR MANUSCRIPTS (URM)

#### **Licence and permissions.**

It is a condition of publication that authors grant an exclusive licence to Journal of the Siena Academy of Sciences or Siena Academy of Sciences. This ensures that requests from third parties to reproduce articles are handled efficiently and consistently, and will also allow the article to be as widely disseminated as possible. In assigning copyright, authors may use their own material in other publications, provided that the journal is acknowledged as the original place of publication, and Journal of the Siena Academy of Sciences is notified in writing and in advance. Work submitted for publication must be original, previously unpublished, and not under consideration for publication elsewhere. If previously published figures, tables, or parts of text are to be included, the copyright-holder's permission must have been obtained prior to submission. For more information on how to obtain permissions, please consult Rights and Permissions.

#### **Preparation of the manuscript**

**General:** Papers must be clearly written in English, also in Italian for the Italian section are accepted. in any case abstract and keywords be necessarily in English. Anyway the manuscript may have the same characteristics:

Authors should submit Word or rich-text files (RTF). The text of observational and experimental articles is usually (but not necessarily) divided into the following sections: Introduction, Methods, Results, and Discussion. This so-called “IMRAD” structure is not an arbitrary publication format but rather a direct reflection of the process of scientific discovery. Long articles may need subheadings within some sections (especially Results and Discussion) to clarify their content. Other types of articles, such as case reports, reviews, and editorials, probably need to be formatted differently.

The title page should have the following information:

1. Article title. Concise titles are easier to read than long, convoluted ones. Authors should include all information in the title that will make electronic retrieval of the article both sensitive and specific.
2. Authors' names and institutional affiliations.
3. The name of the department(s) and institution(s) to which the work should be attributed.
4. Disclaimers, if any.
5. Contact information for corresponding authors. The name, mailing address, telephone and fax numbers, and e-mail address of the author responsible for correspondence about the manuscript.
6. Source(s) of support in the form of grants, equipment, drugs, or all of these.

**References:** The Uniform Requirements style for references is based largely on an American National Standards Institute style adapted by the NLM for its databases. Authors should consult a list of examples ([http://www.nlm.nih.gov/bsd/uniform\\_requirements.html](http://www.nlm.nih.gov/bsd/uniform_requirements.html)) for information on its recommended formats for a variety of reference types.

Samples of references:

Journal: [1] Smith, M. A.; Casadesus, G.; Joseph, J. A.; Perry, G. Amyloid- $\beta$  and  $\tau$  serve antioxidant functions in the aging and Alzheimer brain. *Free Radic. Biol. Med.* 33:1194–1199; 2002.

Book: [2] Sen, C. K.; Packer, L.; Hänninen, O., eds. *Handbook of oxidants and antioxidants in exercise*. Amsterdam: Elsevier; 1999.

Chapter in edited book: [3] Zuo, L.; Clanton, T. L. Detection of reactive oxygen and nitrogen species in tissues using redox-sensitive fluorescent probes. In: Sen, C. K.; Packer, L., eds. *Redox cell biology and genetics, part A. Methods in enzymology, volume 352*. San Diego: Academic Press; 2002: 307–325.

Abstract: [4] Freeman, B.; Aslan, M. Tissue oxidation and nitration reactions in a mouse model and humans with sickle cell disease (abstract). *Free Radic. Biol. Med.* 33:S298; 2002.

**Figures:** Figures should be supplied in an electronic format at a suitable size for printing with the following resolutions: 600 dots per inch (dpi) for line drawings and combinations; 300 dpi for greyscale and colour. Colour figures must be supplied in CMYK not RGB colours. Please ensure that the prepared electronic image files print at a legible size and are of a high quality for publication.

All nonstandard abbreviations should be defined in a footnote. For nonstandard abbreviations only few abbreviations (ATP, NAD, NADH, NADP, NADPH, ANOVA etc.) can be considered.

**Proofs:** All manuscripts will undergo some editorial modification, so it is important to check proofs carefully. PDF page proofs will be sent via e-mail to the corresponding author for checking. To avoid delays in publication, proofs should be checked and returned within 7 days. Corrections should be returned by annotated PDF, e-mail or fax. Extensive changes to the text may be charged to the author.

**Post-production corrections:** Corrections are made if the publication record is seriously affected by the academic accuracy of published information. Where these amendments concern peer-reviewed material, the correction will be published as a formal notice (erratum) in a subsequent issue.