

Guidelines for Authors of *Journal of Evolutionary Biochemistry and Physiology*

SUBJECT MATTER

Journal of Evolutionary Biochemistry and Physiology publishes results of studies into various problems of evolutionary physiology, biochemistry, and morphology. The data can be submitted as theoretical and experimental papers, reviews, short communications, and letters to the editor. Studies of the evolution of functions and functional evolution, of pharmacology, pathophysiology, and ecological physiology are also within the scope of the journal.

SUBMISSION

The recommended length of a manuscript, including references, tables, and abstract, is 15–20 pages of typewritten double-spaced text with a left margin of no less than 2.5 cm. The number of characters in the line should not exceed 65. Manuscripts of larger volume are not accepted without the preliminary consent of the editor. The recommended length of a review is 25–30 pages of typewritten text.

Manuscripts should be submitted by e-mail together with a scanned copy of the completed and signed [copyright transfer agreement](#). Address for submission: Sechenov Institute of Evolutionary Physiology and Biochemistry, Russian Academy of Sciences, pr. Toreza 44, St. Petersburg, 194223 Russia; phone: +7 (812) 552-7901; e-mail: jebf-nred@mail.ru; <http://www.iephb.ru/journal.htm>.

MANUSCRIPT PREPARATION

Title Page

A submitted manuscript should begin with the title page. The title should be brief and clear. Then follow the list of authors and their affiliations. Each affiliation should occupy a separate line. The title page should be signed by all authors. It is necessary to specify their addresses, phone and fax numbers, and e-mail addresses of all authors. Complete contact data should be given for the corresponding author.

The title page should necessarily specify the subject and type of manuscript, for example: “evolutionary physiology, review,” or “evolutionary morphology, experimental article.”

Body Text

Regular article. The beginning of the manuscript should be arranged as follows: title, list of authors, affiliations, e-mail addresses. If there are authors from different institutions, this should be specified by superscript italicized letters. For example:

Antimicrobial Effects of α -Defensins from Leukocytes
of the Hamadryas Baboon *Papio hamadryas*

E. V. Tsvetkova^a, L. E. Leonova^a, G. M. Aleshina^b, O. V. Shamova^{a,b}, E. V. Romanovskaya^a, G. R. Mavropulo-Stolyarenko^a, and V. N. Kokryakov^{a,b}

^a *St. Petersburg State University, St. Petersburg, Russia*

^b *Institute of Experimental Medicine, St. Petersburg, Russia*

e-mail: tsvetkova123@spbu.ru

This is followed by sections: ABSTRACT, INTRODUCTION, MATERIALS AND METHODS, RESULTS, DISCUSSION (or RESULTS AND DISCUSSION), and CONCLUSIONS.

The abstract (no more than 250 words) should be a single paragraph. It should briefly characterize the content of a manuscript and the main conclusions without necessity of addressing the main text of the manuscript. A separate line should contain no more than six keywords, for example: “*Keywords:* evolution, ontogenesis, cholinesterase... .”

The paper should be clear and concise. The text should not duplicate or paraphrase the content of illustrations and/or tables.

References to literature cited in the text should be given in order of citation in square brackets with Arabic numerals: [1–3], ...[4], ...[5, 6].

When preparing formulas, Microsoft Equation should be used.

On first mention, enzymes should be designated by the complete name with the numerical code according to the International Classification of Enzymes (Commission on Enzymes, JUB). Upon repeated mention, the standard trivial name may be used. For example, the complete name is acetyl CoA: choline-O-acetyltransferase (EC 2.3.1.6), the trivial name is cholineacetyltransferase (not cholineacetylase).

Statistical treatment of numeric data should indicate the software used. In the section MATERIALS AND METHODS, references to all standard methods used should be presented. If the methods are original or modified, they should be described in sufficient detail for the possibility of their reproduction, if necessary.

Short communications should not be longer than five pages of typewritten text, including tables, references (no more than five to seven references) and one figure. A short communication should contain new information that requires rapid publication.

Letters to the editor are intended for rapid publication containing original new topical data or new techniques. A letter to the editor should not exceed two typewritten pages with double space and standard margins. Tables and figures in Letters are not permitted. No more than four references may be cited.

In a publication of any type, it is necessary to specify the Latin taxonomic names of the investigated animals. If only one animal species is investigated, its Latin name should be indicated in the paper title.

Illustrations

The manuscript of a regular article should not contain more than five figures. The size of figures should occupy in total no more than two journal pages of A4 format. Publication of color illustrations is possible upon the consent of the editorial board.

The captions of all figures should be collected on a separate page. The figure caption should give the figure heading. The caption should be understandable without reading the manuscript text, but should not be a description and/or explanation of the presented results. Magnification should be given for micrographs.

Illustrations should be in separate files in TIFF or CDR format. The inclusion of illustrations inside the text or presentation as a Microsoft Excel file is not allowed.

Tables

Tables (no more than five in a manuscript of a regular article) should be double-spaced and numbered (e.g., Table 1). Each table should have a title understandable without reading the manuscript. All columns should have headings. Abbreviations (except for standard ones) are not allowed in tables. Each table should be on a separate page and be placed in manuscript after the page to which it refers.

Acknowledgements, if the author wishes to publish them, should be brief. They may contain information about technical assistants, participants of discussion, design of work, and sources of financial support (with grant numbers).

References should be on a separate page. Only papers cited in the text are included in the reference list, and all works mentioned in the text should be included in the list.

References are arranged in order of citation in the text.

Bibliographical data should be as follows:

Book

Steriade, M. and McCarley, R.W., *Brainstem Control of Wakefulness and Sleep*, New York, 2001.

2. *Book chapter, article in a book:*

Antonov, S.M., Magazanik, L.G., Kalinina, N.I., et al., Glutamate Receptors in Excitatory Synaptic Inputs to Frog Spinal Motoneurons, *Excitatory Amino Acids*, Meldrum, B.S., Motori, E., Simon, R.F., and Woods J.H., Eds., New York, 1991, pp. 301–305.

Journal article:

Eisenberg, D., Schwarz, E., Komaromy, M., and Wall, R., Analysis of membrane and surface protein sequences with the hydrophobic moment plot, *J. Mol. Biol.*, 1984, vol. 179, pp. 125–142.

6. *Conference paper*

[11] Reichenberger, I., Straka, H., and Dieringer N., Glycine- and Glutamate-immunoreactive Vestibular Afferents in Frog and Rat, Abstr. of the 16th Annual Meeting of ENA, *Eur. J. Neurosci.*, 1993, Suppl, no. 6, p. 267.

The journal is not responsible for correctness and completeness of the bibliographic data representation.

REVISION

For revision upon peer review, the manuscript is returned to the author. After revision, the manuscript is again reviewed. If an author does not resubmit the revised manuscript within three months, it is considered rejected.

The editorial board reserves the right to shorten manuscripts.

Galley proofs are sent to the author as a PDF file to the designated e-mail address. Correction of typos should be made at this stage. Any other changes and additions are not accepted and will not be introduced into the text.