

INSTRUCTIONS TO AUTHORS

The *ROMANIAN JOURNAL OF BIOPHYSICS* is a quarterly journal of the ROMANIAN SOCIETY OF PURE AND APPLIED BIOPHYSICS (RSPAB), published by the PUBLISHING HOUSE OF THE ROMANIAN ACADEMY.

The journal publishes original contributions, both experimental and theoretical, topical reviews with the authors' contributions, notes, book reviews, symposia reports and information concerning the activity of RSPAB.

The authors are requested to carefully prepare the manuscript, in respect of the styles and formatting included in the [edacadb.dot](#) document template, which should be attached to the document file. The use of the document template is explained in the [example.doc](#) file. Both files can be downloaded from the RJB web site: <http://www.biophysicsnet.ro/rjb>. The authors are requested to observe the following rules:

1. The **manuscript**, sent on e-mail, should be written in English (US), French or German. It should not normally exceed 15 pages for original works and topical reviews (including tables, illustrations, and references), three pages for notes, and two pages for book reviews.

2. **Layout.** Manuscripts should be written in Microsoft Word 2003 (doc format), on one side of quarto paper (A4); page setup: top: 5 cm, bottom: 4.7 cm, left: 4 cm, right: 4 cm, header 4 cm, footer: 5.7 cm, section start: new page, different odd and even page, different first page. The first page will contain:

- title of the paper (Style: *Paper title*);
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- institution and address (Style: *Address*); please indicate the complete address; if there are more than one, they should be indicated by *, **, etc.; for the corresponding author, please indicate the e-mail address.
- abstract (*Abstract.*), compulsorily in English, which should not normally exceed 200 words for the papers written in English, and 1000 words for those written in French or German; it should be intelligible for the general reader without reference to the main text (Style: *Abstract*);
- key words (*Key words:*) (Style: *Key words*);
- the beginning of the main text (Style: *Text*); the chapter titles (Style: *Chapter*) and subchapter titles (Style: *Subchapter*, *Subchapter2*) will not be numbered;
- page numbers: top of page (header); inside.

A short running title (Style: *Page Header*), of no more than 40 characters (including spaces), suitable for page heading, should be given. It will be placed on the header of odd pages. On the header of even pages the author's names will be written, with the same style. If there are more than three, it will be indicated the first author's name *et al.*

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In the Romanian names it is mandatory to use the diacritical marks.

3. **Illustrations** should be in black and white or gray scale (color images will be included only if necessary), well contrasted, with a resolution of 300 dpi, centered. They should be at the right place in the text. Figure captions (Style: *Figures*) should be typed under the figure. Illustration should be not larger than the journal page, and the lettering should be not smaller than 2 mm. Figures should be sent also as separate files (TIF or JPEG format), with minimum 300 dpi resolution, not larger than the size of the journal page.

4. **Tables** do not exceed the page width, on portrait or landscape format. The number of the table (Style: *Table no*) and the title (Style: *Table title*) should be on top of the table.

5. **Mathematical equations and formulae**, edited in Microsoft Equation (Style: *Eq*), should be placed centered, and numbered with Arabic numerals, on the right side of the page, in parentheses. Different types of symbols are defined in the equation editor. They should be the same in the text and figures. E.g.: variables and functions – *italic* (indices, if not also variables, should be regular), vectors – **bold**, operators (sin, cos, log, grad, etc.) – regular, Greek symbols – regular, etc., as formatted in the template file.

6. For **abbreviations, symbols and units**, the authors should follow the internationally agreed rules. The metric system of units should be used throughout. The abbreviations must be defined at the point of the text where they occur for the first time, except for the very usual ones (e.g. DNA, ATP, etc.).

7. **Acknowledgements** (Style: *Acknowledge*) should be placed at the end of the paper, before the reference list.

8. **References** (Style: title of reference list – *References title*; reference list – *References list*) should be listed at the end of the paper in alphabetical order. The citations should be indicated in the text by order number, in brackets. The list should be written according to the following rules and examples:

a. *Articles from journals or other periodical publications*: first author's last name, followed by initials for men and first name for women, names of other authors preceded by initials for men and first name for women, in capital letters, without "and", complete title of the paper (in English and French titles do not capitalize nouns, adjectives, etc.), journal, abbreviated according to the Serial Sources for the Biosis Data Base, published annually by BioSciences Information Service of Biological Abstracts, Philadelphia, PA 19103 (spell out the names of unlisted journals) (font style: *italic*), year, volume (font style: **bold**), pages.

E.g.:

1. DOYLE, W., A. RANDALL, Lateral diffusion of lipids in membranes, *J. Lipid Res.*, 1989, **85**, 95–106.
2. O'LEARY, D.P., ELIZABETH LEYTON, J.J. VIDAL, Effects of dimensional redundancy of visual discrimination, *J. Exp. Physiol.*, *in press*.

b. *Articles from non-serial collective publications* (symposia volumes, encyclopedias, etc.): authors (as under a.), title of the work followed by "in", title of the volume (font style: *italic*), part (vol.) if appropriate, name(s) of editor(s), followed by "ed(s).", publishing house (name, place), year, pages (pp.).

E.g.: HARTLINE, H.K., F. RATUFF, Inhibitory interactions in the retina, in: *Handbook of Sensory Physiology*, vol. VII/2, M.G. Forthés ed., Springer Verlag, Berlin, Heidelberg, 2003, pp. 38–437.

c. *Books*: authors (as under a.), title (font style: *italic*), publishing house (as under b.), city, year.

E.g.: STRYER, L., *Biochemistry*, W.H. Freeman and Company, New York, 1988.

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E.g.: JONES, S.E., *Histone phosphorylation in DNA damage*, Ph.D. thesis, University of Bucharest, 2008.

e. *Conference proceeding*: authors (as under a.), title (as under a.), paper presented at publishing place, date, page numbers.

E.g.: EL-BAKRY, H.M., N. MASTORAKIS, New efficient neural networks, paper presented at the 8th International Conference on Artificial Intelligence, Cambridge, UK, February 21 – 23, 2009, pp. 174–176.

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