

INSTRUCTIONS TO AUTHORS

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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. It is a condition of submission of a paper that the authors permit editing of the paper for readability.

Authors will have to obey the *Romanian Journal of Biophysics* Editorial Policy.

The manuscript, sent on e-mail ([rjb@biophysicnet.ro](mailto:rjb@biophysicnet.ro)), 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.

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

1. **Layout**. Manuscripts should be written in Microsoft Word (doc or docx format), on 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. Do not divide the document into sections.

The first page will contain:

* Title of the paper (Style: *Paper title*).
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* The beginning of the main text (Style: *Text*); the chapter titles (Style: *Chapter*), and subchapter titles (Style: *Subchapter, Subchapter2*) will not be numbered.

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In Romanian, French, etc. names and addresses it is mandatory to use the diacritical marks.

2. **Chapters** (Style: *Chapter*) for original experimental works: Introduction – should be succinct, emphasizing the aims of the work and the state of the art; Materials and Methods – should contain sufficient detail so that all procedures can be repeated; Results – for all numerical values it is mandatory to indicate the units; Discussion; Conclusion – should clearly explain the main conclusions of the work, highlighting its originality, importance, and relevance. For theoretical works and for topical reviews, the chapters could be different, as necessary. Subchapters – styles: *Subchapter*, *Subchapter2*.

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5. **Tables** do not exceed the page width, on portrait or landscape format. They should be at the right place in the text. The number of the table (Style: *Table no*) and the title (Style: *Table title*) should be on top of the table. It is mandatory to indicate the units.

6. **Mathematical equations and formulae**, written in Microsoft Equation Editor (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 variables, should be in regular fonts), vectors and matrices – **bold**, operators (sin, cos, log, grad, etc.) – regular fonts, Greek symbols – regular fonts, etc., as formatted in the template file.

7. 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.).

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*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., E. 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.) or *chapters from books*: 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. Forthes 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.

**d**. *Thesis/dissertation*: authors (as under **a**.), title (font style: *italic*), degree, type, institution, country, date.

*E.g*.: Jones, S.E., *Histone phosphorylation in DNA damage*, Ph.D. Thesis, University of Bucharest, Romania, 2008.

**e**. *Conference proceedings*: 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 Inteligence*, Cambridge, UK, February 21–23, 2009, pp. 174–176.

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E.g: MATLAB, The MathWorks, Natick, MA.

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E.g.: [Eşmekaya, M.A](https://www.ncbi.nlm.nih.gov/pubmed/?term=E%C5%9Fmekaya%20MA%5BAuthor%5D&cauthor=true&cauthor_uid=20807179)., N. Seyhan, S. Ömeroğlu, Pulse modulated 900 MHz radiation induces hypothyroidism and apoptosis in thyroid cells: a light, electron microscopy and immunohistochemical study, [*Int. J. Radiat. Biol.*](https://www.ncbi.nlm.nih.gov/pubmed/20807179), 2010, **86**(12), 1106–1116, doi: 10.3109/09553002.2010.502960, Epub 2010 Sep 1, https://www.ncbi.nlm.nih.gov/pubmed/20807179.

WORLD HEALTH ORGANIZATION, *Global Health Observatory Data*, http://www.who.int/gho/ncd/risk\_factors/overweight/en/ [accessed July 4, 2017].

# \*\*\**Water Molecule Structure*, <http://www1.lsbu.ac.uk/water/water> \_molecule.html.

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