

Guidelines for Authors of *Human Physiology*

1. *Human Physiology* publishes previously unpublished theoretical and experimental works on topical issues of human physiology: neurophysiology, physiology of visceral human body systems under normal and extreme conditions, age physiology, clinical physiology, physiology of work and sports, etc.

2. The editorial board accepts (a) analytical reviews solicited by the editorial board; (b) original experimental works that give a complete presentation of the results obtained and that contain materials characterizing their reliability; (c) technical articles containing original methodological developments and their use in human physiology and clinical medicine.

3. General requirements. The manuscript must be signed by all authors. The length of manuscripts of theoretical articles and reviews should be no more than 40 000 characters, including the list of references, tables, and figure captions; experimental works should be no more than 32 000 characters; technical articles and short communications should be no more than 9000 characters. Longer manuscripts submitted without the preliminary consent of the editorial board are not considered. A complete digital version of the manuscript should be submitted along with two hardcopies and a [copyright transfer agreement](#) signed by all authors. The digital version of the manuscript should be e-mailed to h_physiol@naukaran.ru.

Preparation of manuscript: the title, list of authors, and their affiliations are specified on the first page, followed by the abstract and keywords. An experimental article is structured as follows: INTRODUCTION, EXPERIMENTAL, RESULTS AND DISCUSSION, CONCLUSIONS, and REFERENCES. All parts of the manuscript are submitted in two copies, printed with a font size of 12--14 points and 1.5 line spacing on one side of a sheet of paper. The phone numbers of the authors (with country and city codes), postal addresses, and a valid e-mail of the corresponding author should be specified on the last page. When

there is a group of authors, this e-mail address will be indicated on the first page of the publication as the contact address for readers.

4. Illustrations. No more than five clear and large figures are allowed, with the sequential number indicated below the figure. Figure captions should be given on a separate page. The figure caption should include the sequential number of the figure, its title, and an explanation of all curves, numbers, letters, and other symbols in the figure. Each figure should be referenced in the text. The number of words and symbols in the figures should be minimized; all explanations are given in the caption. The use of nonletter and nonnumeric characters (squares, circles, etc.) is not allowed in the figure.

5. Publications cited in the manuscript are numbered in square brackets, for example, [1]. The list of references is arranged in order of citation and must be printed on a separate page. Cited works are listed in the following format:

Journal articles

Egorov, A.D., Mechanisms of reduction of orthostatic tolerance in conditions of long-term space flight, *Aviakosm. Ekol. Med.*, 2001, vol. 35, no. 6, p. 3.

Tyberg, J.V. and Hamilton, V.R., Orthostatic hypotension and the role of changes in venous capacitance, *Med. Sci. Sports Exercise*, 1996, vol. 28, p. 29.

Books

Breslav, I.S. and Nozdrachyov, A.D., *Dyhanie. Visceral'nyi i povedencheskii aspekty* (Breath: Visceral and Behavioral Aspects), St. Petersburg: Nauka, 2005.

Hochachka, P.W. and Somero, J.N., *Biochemical Adaptation: Mechanism and Process in Physiological Evolution*, Oxford: Oxford University Press, 2002.

Regulation of Breathing. Lung Biology in Health and Disease, Dempsey, J. and Pack, A., Eds., New York: Marcel Dekker, 1995.

Meeting papers

Kuksova, N.S., On the sources of generation of slow activity in EEG, in Abstracts of Papers, *XX Congress of Pavlov Physiological Society*, Moscow, 2007, p. 294.

Velichkovsky, B.M., Dornhoefer, S.M., Panasch, S., and Unema, P.J.A. Visual fixations and level of attentional processing, in *Proc. Int. Conf. on Eye Tracking Research and Applications, Palm Beach Gardens, FL, November 6--8, 2000*, Duhowski, A., Ed., New York: ACM Press, 2001, p. 79.

Collection of articles

Pestov, I.D. and Geratevol', Z., Microgravity, in *Osnovy kosmicheskoy biologii i mediciny* (Principles of Space Biology and Medicine), Moscow: Nauka, 1994, vol. 2, no. 1, p. 324.

Cherniack, N. and Altose, M., Respiratory responses to ventilatory loading, in *Regulation of Breathing: Lung Biology in Health and Disease*, Hornbein, T.F., Ed., New York: Marcel Dekker, 1981, vol. 17, part 2, p. 905.

At least 50% of the cited articles should be published within the last 5 years. Failure to meet this requirement may lead to manuscript rejection.

6. Manuscripts are usually sent to two independent peer reviewers. Authors are required to reply to every reviewers' comment and either make changes or explain why the comment is wrong. The editorial board decides on the possibility of publication of the manuscript based on the reviewers' comments and discussion of the manuscript. The decision of the editorial board is final.

7. If the manuscript is returned to the authors for revision, the revised version of the manuscript must be resubmitted to the editorial board within 2 months.

8. Manuscripts disregarding these rules are not considered. The editorial board reserves the right to clarify and copyedit the text and the title of the manuscript. It may also suggest that the authors transform the manuscript into short communication (usually without figures).

9. After revision and proofing of the manuscript, no editing is allowed.

10. Manuscripts should be sent to 119049, Moscow, Maronovsky per. 26, office 320, Human Physiology. Telephone number for the editorial board +7(499)238-23-22.