

instruction for authors

Journal Problems of Cryobiology and Cryomedicine publishes original papers, reviews and short reports covering the issues of low temperature biology and medicine, as well as those of related fields of science.

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The text should be printed in A4 pages. MS Word is preferable, use Times New Roman 14 pt and 1.5 spacing. Manuscript should be not more than 12 pages for original research paper, 15 pages for review and 5 pages for short communications. (Please consult Editorial Office if you need more space).

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Your paper should contain the summary (about 900 symbols) describing the aim, main methods and conclusions of the research. Follow the summary by up to 10 keywords.

The original research paper could be based on the experimental or theoretical data, as well as on the development of methodical approach. Recommended division of the paper is as follows: introduction, materials and methods, results and discussion (together or separately), conclusion. It is recommended to introduce the original research with general description of the problem as well as its relationship to important fundamental and/or applied issues, to make short analysis of recent research and publications, which initially reported the issue, to state unsolved aspects of the issue which is the object of the presented study, as well as the proceeding from these objectives (aim) of the investigation. The Materials and Methods section should be sufficiently detailed to allow the work to be reproduced. Results and discussion could be present separately or together in one section depending on logical design of the paper. In any case the results should be described clearly and without repeating of the same data in figures and in tables. Describe in the text only the found regularities without stating all the numeral data shown in the figures or tables. Statistical analyses should be stated if applicable. The use of SI units is obligatory. The discussion should be accompanied by interpretation and substantiation of the findings. Finally the paper should contain the conclusion on the performed research and the prospects of further investigations.

Short communication is a reduced version of original paper and serves for providing the cutting-edge infor-

mation about obtained results without an expanded discussion. Short communication does not contain the subheadings, not more than 3 figures and/or tables, and maximally 10 references.

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Journal article:

Petrenko Yu.A., Rogulska O.Yu., Mutsenko V.V. et al. A sugar pretreatment as a new approach to the Me₂SO- and xeno-free cryopreservation of human mesenchymal stromal cells. *CryoLetters* 2014; 35(3): 239–246.

Book:

Belous A.M., Grischenko V.I. *Cryobiology*. Kyiv: Naukova dumka; 1994.

Book chapter:

Zhang T.T. Cryopreservation of gametes and embryos of aquatic species. In: Fuller B.J., Lane N., Benson E.E., editors. *Life in the Frozen State*. Florida: CRC Press LLC; 2004. p. 415–436.

Electronic document:

Mantynen M. Temperature correction coefficients of electrical conductivity and of density measurements for saline groundwater sensors. Available from: URL: http://www.posiva.fi/files/2094/POSIVA-2001-15_Working-report_web.pdf (cited 12.05.2014).

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