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Start your manuscript with informative and concise title, then indicate full names of the authors, their ORCID and parent institutions where the authors performed the research

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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 issue, 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.

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The text of the manuscript should contain the definition of abbreviations at their first usage, references should be numbered and given in square brackets right after citation. Mathematical and chemical symbols, equations and formulas are to be placed in the manuscript using the text processing

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Scheme of references

Journal article:

Sciorio R, Pluchino N, Fuller BJ. Review of human oocyte cryopreservation in ART programs: Current challenges and opportunities. *Cryobiology*, 2023; 113: 104590.

Yershova NA, Chabanenko OO, Shpakova NM, et al. [Effect of trifluoroperazine and sodium decylsulfate on posthypertensive shock of human and rabbit erythrocytes]. *Fiziol Zh.* 2022; 68(1): 62-8. Ukrainian.

Book:

Jain NC. *Essentials of Veterinary Hematology*. Philadelphia, PA: Lea and Febingers; 1993. 417 p

Belous AM, Grischenko VI. [Cryobiology]. Kyiv: Naukova dumka; 1994. 430 p. Russian.

Atramentova LO, Utevska OM. [Statistical methods in biology]. Kharkiv: V.N. Karazin Kharkiv National University, 2007. 288 p. Ukrainian.

Part of a book:

Zhang TT. Cryopreservation of gametes and embryos of aquatic species. In: Fuller BJ, Lane N, Benson EE, editors. *Life in the Frozen State*. Boca Raton: CRC Press LLC; 2004. p.415–36.



Shylo OV, Lutsenko DG, Lomako VV. Long- and short-term cold adaptations affect erythrocyte population in rats of different ages. In: *Extreme Environmental Physiology: Life at the Limits*. Abstract book. (2019 Sep. 02-04, Portsmouth, UK). Portsmouth; 2019. p. 26-27.

Petrushko MP, Yurchuk TO, Pavlovych OV, Piniayev VI. [Cryobiological approaches to preserving human reproductive health]. In: Petrenko OYu, editor. *Cold in Biology and Medicine: state of the art and perspectives*. Kyiv: Naukova Dumka; 2023. p. 68-74. Ukrainian.

Electronic document:

European Convention for the Protection of Vertebrate Animals used for Experimental and Other Scientific Purposes. *European Treaty Series No. 123* Strasbourg, 18.III.1986. Strasbourg: Council of Europe; 1986. 53p. [Cited 01.02.2016] Available from: <https://rm.coe.int/CoERMPublicCommonSearchServices/DisplayDCTMContent?documentId=090000168007a67b>

Hawkins VE, Takakura AC, Trinh A, et al. Purinergic regulation of vascular tone in the retrotrapezoid nucleus is specialized to support the drive to breathe. *eLife* [Internet]. 2017 Apr 7 [cited 2017 Nov 19]; 6:e25232. Available from: <https://elifesciences.org/articles/25232>

Patent:

Ohlrogge JB, Benning C, Gao H, Girke TA, White JA, inventors; Board of Trustees Operating Michigan State University, assignee. Plant seed specific promoters. United States patent US 7,081,565. 2006 Jul 25.

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