GENERAL PROVISIONS
«Problems of Radiation Medicine and Radiobiology» is a yearly-published Collection of scientific papers. Original and review papers on urgent problems of radiation medicine and radiobiology are published in the Collection covering a vast range of scientific discussions and research results on health status of people who have been influenced by the Chornobyl disaster and other nuclear accidents, have or have had a contact with ionizing radiation sources in their professional activities or during medical procedures. Assessment of medical and demographic effects of radiation and nuclear accidents, dosimetry of internal radiation exposure in the inhabitants of radiologically contaminated territories and other categories of survivors, medical and biophysical control of health and professional suitability of the staff of the «Shelter» object, retrospective dosimetry in the framework of epidemiological research, investigation of mechanisms of the direct and long-term exposure of ionizing and non-ionizing radiation on human and animals, formation of the late effects of radiation, adoption of preventive measures focused at protection of public health are the topics of publications in the Collection too.

By the decision of the Attestation Board of the Ministry of Education and Science of Ukraine, a Collection of scientific works «Problems of Radiation Medicine and Radiobiology» is included to the List of Scientific Professional Publications of Ukraine (category A; medical and biological sciences).


The names of editorial board members, editorial ethics principles, review procedures, information for authors, content of the collection issues, abstracts of the papers with key words and authors’ places of work are presented in Ukrainian and in English on the Collection website (http://radiationproblems.org.ua). The full texts of articles with figures, tables, lists of references are in a free access.

The Collection of scientific papers is published annually.

MANUSCRIPT SUBMISSION
For the review of an article by editorial staff the following should be mailed by post or submitted in person:
1) manuscript (printed) in Ukrainian and English (authentic translation of the Ukrainian version of the article), signed by all authors on the last page;
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3) expert opinion on possibility of open publication of the paper;
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Electronic versions of the article should be sent by e-mail to the editor’s address: rad_problems@ukr.net.

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In the absence of meaningful comments of reviewer the paper is accepted for further work.

If amendment of manuscript is required according to the reviewer’s comments, the editors return manuscript and review statement to the authors for correction or reasoned response to reviewers. Manuscript rewritten by authors is repeatedly sent to reviewer and in case of no repeated comments the paper is accepted for further work.

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The originals of reviews are kept within one year upon publication.

SPECIFICATION OF REQUIREMENTS TO THE TEXT OF A PAPER
The submitted papers should be typed in MS Word for Windows software (font Times New Roman 12, spacing 1.5, paper size A4 (210 x 297 mm) page margins at all sides 2 cm, numbered pages). If the MS Word feature «Review» was used, then before saving the file one should cancel the «Review» function and then use the function «Accept all changes».

Spaces and tabs are not allowed when formatting paragraphs and headings.

Only a dash is used as a punctuation mark. Only dashes are placed between numbers in digital form and should not be spaced from numbers.

The signs #, %, ‰, the symbols of mathematical operations and symbols (±, ?, ; , =, >, <, ≥, ≤, etc.) should be separated from numbers by a continuous space.

All designations and denominations of units of physical values must be submitted in accordance with the International System of Units (SI). If the research was carried out using the devices that give values in other units, the latter should be transferred to the SI system by submitting the non-system units in round brackets.

Terms are to be presented in accordance with the terms and concepts defined in the State Hygiene Regulations «Norms of Radiation Safety of Ukraine (NRBU-97)», international anatomical and histological nomenclature, and rules of the genetic nomenclature; biochemical terms, abbreviations, symbols are to be given with taking into account the rules of their use, recommended by the Commission on biochemical nomenclature of the International Biochemical Union; the names of diseases — according to the International Classification of Diseases (10th version); names of pharmacologic drugs are to be stated according to the International Non-Patent Names (INN).

Abbreviations (capitalized only) are included in the text only after their first mention with full decryption. Data presented in the tables should not duplicate data of the figures and text of the paper, and vice versa.

Original articles should conform to the IMRAD format «Introduction, Methods, Results and Discussion» and contain the following clearly separated sections: 1) introduction; 2) objective of the study; 3) materials and methods; 4) results and their discussion; 5) conclusions; 7) acknowledgement; 8) references. Review articles can be unstructured or divided into sections that have thematic subheadings.

Sequence of manuscript components should be the following:
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3) full official name of each institution where the work was performed, postal address
4) paper title
5) abstract
6) keywords in the language of manuscript i.e. from 5 to 10 words or wordgroups relevant to the paper content
7) paper text
8) references.

The paper title is to be as short as possible, conclusive with no acronyms.

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Paper submitted in English is to mandatorily include the abstracts in two languages. The surname, first name, patronymic, post and e-mail address, phone numbers (office, home or cell) of the corresponding author are to be denoted on the last page. 

Abstract of the original paper (up to 250 words) should be structured in this way:

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b) materials and methods;
c) results;
d) conclusions.

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Authors are fully responsible for the content and reliability of data in the article.

The original articles should contain the following clearly delineated sections:
1) introduction;
2) objective of the study;
3) materials and methods;
4) results and their discussion;
5) conclusions;
7) references.

Review articles may be unstructured or split into sections. 

Introduction. Substantiation of the conducted study. The problem statement in its general form and its connection with important scientific or practical tasks should be briefly highlighted along with analysis of recent research and publications in which the solution to this problem was initiated and on which the author refers, the allocation of previously unsettled parts of the general problem to which this article is devoted.

Objective of the paper/study (statement of the task). Objective of the study, or the hypothesis that is being tested are to be briefly and clearly formulated.

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In experimental studies the species, gender and number of animals, methods of anesthesia during manipulation or sampling of them, materials for laboratory research, methods of euthanasia of animals according to the European Convention for the Protection of Vertebrate Animals from 1986 (http://zakon5.rada.gov.ua/laws/show/994_137) and the «Procedure for conducting scientific experiments and procedures on animals at scientific institutions» (approved by Order of the Ministry of Education and Science, Youth and Sports of Ukraine 01.03.2012 # 249) (http://zakon.rada.gov.ua/laws/show/z0416-12).

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Wherever possible, it is recommended that standard statistical techniques be used, with reference to familiar manuals and textbooks. For non-traditional or any new statistical methods the reference should be made, in which a detailed description of the applicable mathematical methods and algorithms is published.
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Conclusions. Results of solving the problem indicated in the title and purpose of the paper are to be stated here.

ACKNOWLEDGEMENTS
Expression of gratitude is stated if necessary.

FUNDING
All sources of research funding should be stated, including direct and indirect financial support (provision of equipment/materials, other types of support). The names of the organizations that funded the research must be fully specified.

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A real or potential conflict of interest should be stated. If there is no conflict of interest, it should be written that «the author declares no conflict of interest».

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Figures should be clear, photos are to be rich in contrast. Figures should be placed in the body text, names of pictures and descriptions should be submitted under the figures. All curves, letters, numbers and other symbols on figures should be described there. Links to the main text are permitted to avoid repetition and misreading. The magnification and staining should be specified in descriptions of photomicrographs.

Figures (diagrams, graphs, charts, pictures) are to be submitted either in black and white or in color, the diagrams — made as MS Word charts or in MS Excel format. They should contain all the necessary notation of coordinate axes, curves, and other details. All lines, curves, symbols denoting the axes should be clearly depicted (curved line being thicker than coordinate axes). All lettering on figures are to be in Ukrainian and in English. Pictures with rendering and photos should be saved in TIFF or JPEG format. If the figures are composed of several elements, the latter should be grouped together. All figures should be submitted for editing without additional reference to the author (the separate MS Excel image files should be sent to the editor if necessary).

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