INSTRUCTIONS FOR AUTHORS

GENERAL PROVISIONS
«Problems of Radiation Medicine and Radiobiology» is a yearly-published Collection of scientific papers. Peer-reviewed articles are published, which are the completed works containing new results of theoretical and experimental research, or are reviews of the current state and current issues in radiation medicine and radiobiology, and are of interest to researchers, physicians, specialists in radiation hygiene, epidemiology, clinical radiobiology, experimental radiobiology, radiation endocrinology, hematology, oncology, radiology, teachers, graduate students and students of higher education.

Topics of publications:
➢ study of the state of health of persons affected by the Chornobyl disaster and other nuclear accidents, who have had or are in contact with sources of ionizing radiation in professional activities or during medical procedures;
➢ assessment of medical and demographic consequences of radiation and nuclear accidents;
➢ dosimetric studies, including retrospective ones;
➢ medical and biophysical support of works on post-accident facilities of the nuclear fuel complex;
➢ study of the mechanisms of direct and long-term effects of ionizing and non-ionizing radiation on humans and animals, the formation of long-term radiation effects;
➢ radiation pathology and radiation pathomorphosis of diseases;
➢ social and hygienic research and preventive measures aimed at protecting the health of the population affected by the Chornobyl accident and the population of the monitoring zones of nuclear power plants;
➢ radiation hygiene and radiation safety.

By the decision of the Certification Board of the Ministry of Education and Science of Ukraine the collection of scientific works «Problems of Radiation Medicine and Radiobiology» is included in the List of scientific professional publications of Ukraine (category A), which may publish the results of dissertations in the field of knowledge: biological sciences (order of the Ministry of Education and Science of Ukraine dated November 7, 2018 № 1218); medical sciences (order of the Ministry of Education and Science of Ukraine dated 18.12.2018 № 1412), specialties: 91 – Biology, 222 – Medicine..

Certificate of state registration of the print media: KV № 20891F10691 PR dated 31.07.2014.

Frequency of publishing – once a year.


Articles are published in two languages: Ukrainian and English.

Publication of scientific papers for employees of the founding institution of the Collection (the NRCRM) is free of charge. Authors from other institutions, after accepting the article for publication, have to pay an organizational fee for editorial processing of the paper. Estimated cost of publishing is UAH 200 per one page of a manuscript in the MS Word format document prepared for layout with all structural elements.

Payment of organizational fee is made upon approval of the article by reviewers, final approval of the publication text and acceptance of the article for publication according to details sent to the responsible author by e-mail. If the author does not make payment within ten working days from the date of sending an electronic letter by the editorial board, the article will be removed from publication in the current issue of the Collection. After payment, the article may be published in the current or subsequent issues of the Collection.

Preparing the manuscripts authors should be guided by provisions developed by the editorial board based on recommendations of the Attestation Board of the Ministry of Education and Science of Ukraine and «The Uniform Requirements for Manuscripts Submitted to Biomedical Journals. Rules for Writing and Editing Materials» developed by the International Committee of Medical Journal Editors (Recommendations for the
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Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals (ICMJE Recommendations, formerly the Uniform Requirements for Manuscripts); http://www.icmje.org).

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;
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3) expert opinion on possibility of open publication of the paper;
4) accompanying letter of request from the organization where the work was performed (or the author’s letter);
5) in the electronic form are added:
➢ electronic versions of the article, the name of the file must be indicated according to the surname of the first author;
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Electronic versions of the article should be sent by e-mail to the editor’s address: rad_problems@ukr.net.
The volume of the original paper should not exceed 10–12 pages, the review one – 15–20 pages. A larger volume of papers with original research is allowed individually, according to the decision of editorial board.

PEER REVIEW
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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, paper size A4 (210 × 297 mm) page margins at all sides 1.5 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. All 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) information on sources of research funding; 8) expression of gratitude; 9) information on conflicts of interest; 10) references.

Review articles can be unstructured or divided into sections that have thematic subheadings.

**Sequence of manuscript components should be the following:**
1) initials and surnames of authors
2) full official name of each institution where the work was performed, postal address
3) paper title
4) abstract
5) keywords: from 5 to 10 words or wordgroups relevant to the paper content
6) paper text
7) references.

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

No hyphenation in headings of all levels and in table headings is allowed.

If authors have different affiliations then each surname is to be marked at the end with a superscript figure indicating the respective affiliation. The corresponding author should be marked with an asterisk. The corresponding author should state clearly if his/her e-mail address could be shown in a published paper.

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:
 a) the objective of the study;
 b) materials and methods;
 c) results;
 d) conclusions;
 e) keywords.

Abstract of the review articles should be unstructured. Abbreviations are not allowed, except for commonly used ones.

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Article should be thoroughly edited and verified by the authors. Presentation of the material should be clear, without long introductions and repetitions.

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

**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** Objective of the study, or the hypothesis that is being tested are to be briefly and clearly formulated.

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emas.europa.eu/en/ich-e6-r2-good-clinical-practice; https://www.who.int/medicines/areas/quality_safety/safety_efficacy/gcp1.pdf) and the principles of the Helsinki Declaration of the World Health Association «Ethical Principles for Medical Research with Human Involvement as an Object of Research» (https://zakon.rada.gov.ua/laws/show/990_005). Participants should be familiar with objective and main provisions of the study, after which they must sign a written consent to participate.

Authors should give details of the procedures described in protocol of the study and indicate the approval of study protocol by the Medical Ethics Committee. At the end of the section «Materials and Methods» there is a subdivision «Statistical data processing», which specifies what methods of data processing the author(s) used. When describing the research structure and statistical methods, it is necessary to specify which statistical package (computer software) available to the average user was applied in statistical processing of the results.

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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.

Acknowledgements. The persons, institutions, organizations that contributed to the research and assisted in the work on the article can be stated in this section.

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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). 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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