INSTRUCTIONS FOR AUTHORS

General Information
The Collection of Papers «Problems of Radiation Medicine and Radiobiology» is publishing the original data and systematic reviews on contemporary issues in radiation medicine and radiobiology. Content of publications covers the topics of research results in the field of health in people who survived after the Chornobyl NPP accident or other nuclear accidents, assessment of health and demographic consequences of the nuclear accident, dosimetry of internal radiation exposure in population of contaminated territories, medical and biophysical control of health and professional suitability of the «Shelter» unit staff, retrospective dosimetry in the framework of epidemiological studies, study of pathways of the direct and remote effects of ionizing and non-ionizing radiation impact on humans and animals, application of prophylactic arrangements focused on population health protection.

Authors should follow the provisions elaborated by editorial staff according to recommendations of the MH of Ukraine and Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals (ICMJE Recommendations, formerly the Uniform Requirements for Manuscripts); http://www.icmje.org.

Papers are published in two languages i.e. Ukrainian or Russian and English.

There are the tables of contents of the published issues, paper abstracts with keywords and authors’ addresses, and full-text papers with figures, tables and references included in a free access at the editorial web-site (http://radiationproblems.org.ua).

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Manuscripts submission
Editorial review of manuscripts is launched upon submission of the following:
1) two copies of manuscript (printout) of the paper in Ukrainian / Russian or English signed on the last page by all the authors;
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3) information on all authors including the family name, first name and patronymic, scientific degree, academic rank, position and place of work (in Ukrainian / Russian and English);
4) the original of an expert opinion on the possibility of open publication of the paper;
5) the covering letter / petition from organization where the work was performed (or letter by the author);
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   ➢ information about the authors;
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Electronic versions of the article can be sent by e-mail to the editorial address: rad_problems@ukr.net.

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If the reviewer concludes that paper can be published and there is no meaningful comments than the paper is accepted for the further work.

If the reviewer points at the required corrections in the manuscript then the author is provided with the review and a proposition to take into account the reviewer’s recommendations in a new version or reject them otherwise with a reason. The corrected version of manuscript is then to be re-sent to the editorial board.
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Manuscripts of articles will not be returned.

The review originals are kept in editorial archive within one year from the date of publication.

Editorial board makes final decision about the feasibility of publishing the papers.

**Manuscript Preparation and Submission Requirements**

The submitted papers should be typed in MS Word for Windows (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».

Order of manuscript components should be the following:
1) UDC code
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4) paper title
5) abstract
6) keywords in the language of the manuscript i.e. from 5 to 10 words or word groups corresponding to the paper content
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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.

Order of manuscript components in the English version is to be the same.

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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.

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**Text.** The paper should be carefully edited and verified by the authors. Corrections and notation in handwriting are not allowed. The content presentation should be clear, with no long introductions or repetitions.

All symbols and names of units of physical quantities must be stated in accordance with the International System of Units (SI). If the research is carried out on the devices which give values in other units it is necessary to convert those in the SI submitting at that the non-system units in parentheses.

Book names and expressions must be given under the terms and concepts defined in the State sanitary regulations «Norms of Radiation Safety of Ukraine (NRBU-97)», international anatomical and histological nomenclatures, rules of genetic nomenclature. biochemical terms, abbreviations, and symbols taking into account the rules for their use are to be used as recommended by the Commission on biochemical nomenclature of the International Union of biochemical, names of diseases – according to the International classification of Diseases 10th revision, the names of pharmaceutical preparations — according to the International non-proprietary names (INN) naming system.

Abbreviations are not permitted, except common ones. Abbreviations (capital letters only) are included in the text only after the first mention with a complete decoding.

The data presented in the tables should not duplicate data graphics and text, and vice versa.

Authors are solely responsible for the content and the consistency/accuracy of data given in the paper.

**Reports of Original Data** should contain the following clearly delineated sections: 1) Introduction, 2) Objective of the study, 3) Materials and methods, 4) Results and discussion, 5) Conclusions, and 7)
References. **Review articles** may be unstructured or divided into sections.

**Introduction.** Problem set up in a general terms and its relationship with scientific and practical tasks, analysis of recent research and publications which discuss this issue and on which the author rests upon both with unsolved aspects of the problem, to which covers the paper are to be highlighted.

**Objective** of the paper (assigning the objective). Study objective or tasks or otherwise the hypothesis to be tested are stated.

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This section should clearly and thoroughly describe how the patients were selected for observation or animals for experiments (among them the control groups), including selection and exclusion criteria.

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Clinical studies should be conducted in accordance with the standards of the «Good Clinical Practice» and principles of the Declaration of Helsinki. Study participants must have read and understood the purpose and main provisions of the study and then must sign the written consent to participate in the study. Authors should provide details of the procedures specified in the description of the study protocol and point out that the Committee on Medical Ethics has approved the study protocol.

At the end of section «Materials and Methods» a subsection «Data Management» is placed, where author describes the applied respective methods. Describing the study structure and statistical methods it should be pointed out what statistical package and computer software available for the average user were applied in statistical management of the results. If possible, we recommend to use the standard statistical methods with reference to known manuals and textbooks. For the new or non-traditional statistical methods the relevant references should be denoted, where a detailed description of mathematical methods and algorithms is provided.

Authors of the review articles should include there a section with explanation of methods used for data search, selecting, obtaining and synthesis.

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**Discussion.** Includes only the interpretation of results, and not repeat them. New and important aspects of the results of the study should be provided with an analysis of possible mechanisms or interpretation of the data and a possibility to compare with those from other researchers. Substantiated recommendations for practice and possible application prospects of the results of future studies can be included in discussion.

**Conclusions.** The results are to be represented on solving the problem stated in study/paper title and objective.

**Expressing the gratitude (acknowledgements)** is stated if necessary.

**Illustrations.** The figures should be clear, the photos — rich in contrast. The figures should be placed in the body text (added in separate files), 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 in black and white, 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 the language of article. Pictures with rendering and photos should be saved in TIFF or JPEG format.
Tables should be clear having the name and serial number and containing the necessary data in a compressed style. The dimensions and form of data presentation (M±n; M±SD; Mt; Mo; percentile, etc.) are to be specified. All figures, totals, and percentages in tables should be checked thoroughly and comply to the text content. Each table must be referenced in the text. All explanations, including expanding of abbreviations are given in the notes.

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