

1. Requirements for the text

Page format - A4, portrait
Font – Times New Roman
Font size – 14
Interval –1.5
Paragraph indent – 1.25 mm
Alignment - Width
Margins of the document – 20 mm
Minimum number of pages – 10
Article language: English

2. Article structure

UDC

TITLE OF THE ARTICLE IN ENGLISH

Full name, Full Name in English

Abstract in English (1800-1900 characters with spaces). In the abstract sections should be highlighted: aim, materials and methods, results, conclusions.

Keywords in English (10 words)

The main sections of the article:

1. Introduction

The introduction should provide the reader with all the information (including reference character) necessary in order to understand your research, and reasons why you hold them. This section of the article, you must create background (background for the research: to provide a general understanding of the problem, which you do, and arguments to justify the relevance of your research).

The introduction should answer the question: «*What is the issue/problem is studied and why is it important?*»

ADVICE: do not write literature review in the introduction, but let's references (monographs, reference books, perhaps even textbooks) to the reader if desired, could no longer deal with the problem.

2. Literature review

This section of the article is to give an answer to the need for ongoing author's research.

Important! Often, as a justification for the author's research indicates that the subject (matter) is "not described" or "insufficiently described" in the scientific literature. This in no way be considered a reasoned justification. It is not enough to refer to the fact that "the problem has not yet been studied" because it is possible that it, and need to learn!

The argument in favor of the need for the author of the research should include detailed justification for the following two points:

1. What exactly have not been studied predecessors?
2. Why is it important to be studied?

Thus, the section of the article «Literature review» aims to highlight the outstanding part of other scientists studied the problem and point to "niche" of research, not occupied by other scientists to this problem (of course, the answers to two questions formulated above).

This section is written on the basis of periodic publications of scientific publications (books, textbooks, monographs are not related to those). Overview of periodicals on the issue should include sources of not more than 10 years ago and required a review of foreign scientific periodicals on the issue. The number of foreign sources should be at least 40 %. Permission level of self-citation is not more than 30 %. A must when using references to literary sources is a critical

analysis of the data source, i.e. indication that the authors of these works have been achieved and what was not. At the same time, such analysis is desirable for each source (the use of a wide range of links such as "in the works [3-7]" is not recommended).

Section «Literature review» should give the reader an understanding of what research was conducted, the results of which the author is going to publish this article.

ADVICE: You can use the electronic resources of open access scientific journals around the world from Cochrane Library ([link](#)). The search can be performed by keyword of your subjects in English.

3. The aim and objectives of the research

This section should clearly state the aim of the research, which should flow logically from the section «Literature review». The formulation of purposes of the research should be performed in such a way that it became clear how to fill in the "niche" research (i.e. to answer the question: "what needs to be done to bridge the gap of knowledge associated with the presence of pieces of total problems unidentified by other scientists?«»).

The aim of research, formulated by the author, can be the formulation of Hypotheses and that the author wanted to prove or disprove.

Objectives of research: it is necessary to formulate (in the form of a numbered list) the tasks that will be performed in order to achieve the aim.

4. Materials and methods

In this section of the article it is necessary to describe in detail all the materials that were used in the research, and the methods by which the research was conducted.

Materials and methods should be described in such detail that the research can be repeated.

Studies involving animals and humans

For research manuscripts reporting experiments on living vertebrates and / or higher invertebrates, the correspondent author must confirm that all experiments were performed in accordance with the relevant guidelines and rules. The manuscript should include a statement indicating the institutional and / or licensing committee approving the experiments, including any relevant details. Gender and other characteristics of animals that may affect results should be described. Details of housing and livestock should be included if they can affect experimental results. All animal experiments must comply with [ARRIVE guidelines](#) and be conducted in accordance with the [Great Britain Animal \(Scientific Procedures\) Act 1986 and related guidelines](#) or [EU Directive 2010/63/EU on the protection of animals used for scientific purposes](#) [http://ec.europa.eu/environment/chemicals/lab_animals/legislation_en.htm].

For a study in which people are participants, authors must identify a committee approving the study, ensure that the work has been carried out in accordance with the Code of Ethics of the World Medical Association ([Helsinki Declaration](#)) and include in your manuscript a statement confirming that informed consent was obtained from all participants (recommendations for obtaining informed consent).

You can also read the Helsinki Declaration in Russian on the website of the Association of [Clinical Research Organizations](#)

Clinical trial registration

Prospective clinical trials should be registered prior to the registration of patients or in a similar public store (trials in which the main purpose is to determine pharmacokinetics are excluded.)

Human biological samples

To describe human biological samples, we recommend that you refer to the BRISQ reporting guidelines (reporting on biological samples to improve the quality of the study) and ensure that at least level 1 characteristics are provided ([link](#)).

Publication of images of participants in human subject research

When publishing identifiable images of study participants, authors should include a statement in the published article confirming that they have received informed consent to publish the images. All reasonable measures should be taken to protect the anonymity of the patient. Black stripes above the eyes are not an acceptable means of anonymization. In some cases, we may insist on obtaining evidence of the informed consent of the authors. Images without appropriate consent will be removed from the publication.

Studies involving human embryos, gametes, and stem cells

Manuscripts reporting experiments involving the use of human embryos and gametes, human embryonic stem cells and related materials, as well as the clinical use of stem cells, should include confirmation that all experiments have been performed in accordance with relevant guidelines and the rules.

The manuscript should include an ethical statement that identifies the institutional and / or licensing committees that approve the experiments and describe any relevant details. A statement of ethics should also confirm that informed consent has been obtained from all recipients and / or donors of cells or tissues, where necessary, and describe the conditions of donation of research materials, such as human embryos or gametes. The editors may request copies of approved and edited consent documents.

Experiments involving plants or microorganisms

Experiments with plants or microorganisms taken from outside the country of the authors should have been carried out with special permission.

Botanical identity. For each cultivated medicinal plant, its botanical identity must be established and documented - scientific name (variety, species, subspecies / variety, author and family). The common name (if any) must also be indicated in the local and English languages. If necessary, other relevant information should also be indicated, including the name of the cultivar, its ecotype, chemotype and phenotype.

For cultivated plant varieties available for sale, you must specify its name, as well as the supplier. In the case of collection, breeding, distribution and cultivation of landrace in a particular region, the line should be described with its local name, indicating the sources of origin of the seed, plant or sprout material.

Selection of medicinal plants. Where appropriate, the species or botanical species that are selected for cultivation should correspond to those indicated in the national pharmacopoeia or recommended by other authoritative national documents of the country of the final consumer. In the absence of such national documents, the selection of species or botanical varieties should be based on the pharmacopoeia or other authoritative documents of other countries. In the case when medicinal plants are considered for the first time, samples or botanical varieties selected for cultivation should be defined and documented as raw materials used or described in traditional medicine of the country of origin.

Experimental data

Analytical data should be statistically processed using appropriate programs.

When establishing the structure of substances, the authors must provide sufficient experimental information, in particular, the available ¹H and ¹³C NMR spectra, and X-ray crystalline structural determinations are necessary for metal complexes.

The author is responsible for presenting the correct chemical nomenclature and terminology.

An accurate description of each data set should be provided, which is shown and should include the number of biological repeats, the number of experiments performed, and a description and use of appropriate statistical methods. To verify the significance of differences in results, appropriate statistical methods should be used. The term “significant” should not be used unless a statistical analysis has been performed and the probability value used to determine significance (usually p-value) should be indicated. Manuscripts submitted without evidence of reproducibility will be rejected without formal review.

Applications and additional materials

Authors who wish to publish electronic supplementary materials to their article (Excel files, images, audio and video files) can send these files along with the manuscript.

5. Research results and discussion

Results should be presented in a logical order, and it is recommended to give the results in order of importance, it is not necessary to use the order in which the experiments were conducted.

You should not duplicate the data shown in the figures, graphs and tables. A common mistake is to bring the data displayed in the figures and tables in the text of the article. Instead, the text of the article should summarize the material that the reader will find in the table or draw the reader’s attention to the main points in the figure or table. The reader, as a rule, is easier to read the data in the table than in the text of the article.

Avoid excessive figures and tables. If there is not enough data for full-fledged tables and figures, it is better to describe this information in the text.

In this section of the article you also need:

- Discuss your results in order from most to least important.
- Compare your results with results from other researches – to what extent can their consistency be noted? If not, discuss the reasons for the differences.
- Additional research can be proposed to improve or deepen the results.
- It is imperative to briefly describe the limitations of your research and bring its possible shortcomings (this will in no way diminish the significance of your research, but it will show where you or your colleagues should move in the future).
- Describe how your results can be practically useful and under what conditions.

6. Conclusions

In this section of the article, be sure to indicate once again the main summarizing results on your work, paying particular attention to the consistency of the conclusions of the aim and objectives of research. This means that the Conclusions should reflect the specific results obtained by the author, on the basis of which it is possible to draw a conclusion about the scientific novelty and the possibility of practical application of the research results presented in the article.

Conclusions should be structured in accordance with the objectives.

Acknowledgments (if any)

List here those people/organizations that have assisted in the course of the research (for example, provided language assistance, assistance in conducting experiments, financial assistance, etc.).

References

Sources are made according to APA standard

For each author:

Full name

Rank, position

Department

University

University address

e-mail

Contact phone

Number of publications in Ukrainian editions (approximate)

Number of publications in international journals indexed (approximate)

H-index (if available)

ID ORCID

3. Requirements for formatting figures

1. Before a figure, there must be a reference to the figure in the form: Fig. 1, Fig. 2–4, Fig. 5, a. Before a figure, there should be a link to the figure (in the same chapter/subsection as the figure itself)

2. The caption under a figure should take the form: Fig. 1. The title of the figure.

3. If the figure consists of several subfigures, the caption should take the form: Fig. 1. The title of the figure: a – the name of the first subfigure; b – the name of the second subfigure...

4. If there are designations, abbreviations, or abbreviations in the figure, the transcript of which were not given earlier in the text, then those should be explained in the text under the figure. For example, the figure shows three charts, which are marked, respectively, by numbers 1, 2, and 3. Then the text under the figure should take the form: Fig. 1. Title: 1 – chart 1; b – chart 2; 3 – chart 3.

5. Text under the figure must be part of the text.

6. Figures should be streamlined "in text."

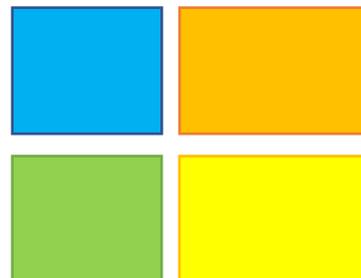
7. The inscriptions in the figure should not be bold or sloping.

8. All inscriptions in the figure must be written in one font and one size. The exception is screenshots of programs that do not allow one to edit the font.

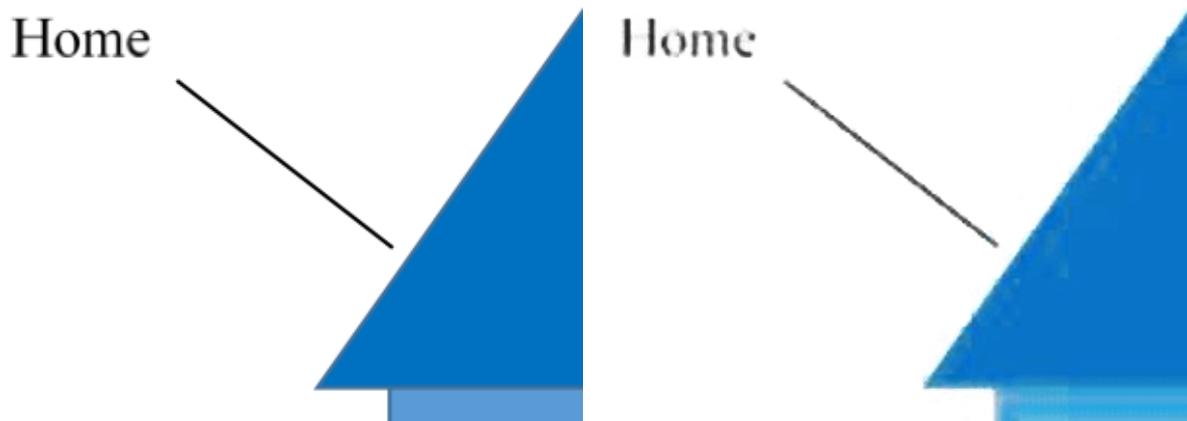
9. The indices in the figure should take the same form as the indices in the text.

10. On the charts, the axes' titles must be moved from the scales to the same distance of at least 0.5 cm.

11. At least one size (height or width) in the text under the figure should be the same. The horizontally located subfigures should have the same height, and the vertically located ones should have the same width.



12. Figures must be of good quality (at least 300 dpi). The inscriptions on the figures should be clear and readable, the lines of the figure should not be blurred. There should be no noise in the figure.



13. The editorial board reserves the right to reject a paper if the authors refuse to provide the original figure files to avoid data falsification (dwg – for COMPAS drawings; SolidWorks, AutoCad, cdr. – for CorelDRAW files; xls/xlsx – for Excel, etc.).

4. Requirements for table format

1. Header table does not contain blank cells
2. If your document table is broken into several pages, re-do the signature on a new page does not need to!
3. All tables should be vertical (portrait orientation of the sheet in the program Word).

5. Requirements for formatting the formulas

1. Formulas should be typed in the MathType equation editor
2. Links to the formula in the text are (1), (2–4)
3. Formulas should be numbered
4. The formula is part of the text, so after a claim must stand semantic mark if the new sentence goes further, then the point, if further clarification is the comma

6. Requirements for formatting the list of sources in the literature

1. Sources must be at least 10
2. The percentage of self-citations – no more than 30% (i.e., if you used the 10 links, only 3 of them can to your research)
3. References should take the form [1], [2, 3]. Hyperlinks are not allowed.
4. The use of a wide range of references like “in [3–7]” is not allowed.
5. Links should go in order of their mention in the article.
6. All literary sources must be referenced in the text of the article.
7. The bibliographic list is issued at the end of the article according to [APA standard](#)

REVIEWING*

Deadline 30–40 days

1. Once you submit your article, it will be sent for review. Our editorial staff is practicing a double-blind peer review

**Review procedure involves checking for plagiarism, verification of compliance the article title and content, check the content of the article*

2. Get response from reviewers. If adjustment is then necessary to take them into account, and return an e-mail

3. If no adjustments or fixed all the comments made by the reviewers, the article goes on editing

EDITING**

Deadline 3-14 days

1. After reviewing the article was, it is sent to edit

***Editing procedure involves checking articles on formal grounds, according to the correctness of the requirements*

2. Get the answer from the editors of the magazine. If there are adjustments that need to take them into account and send the article back by email

3. If no adjustments or fixed all the comments made by the editor, you will need to prepare a package of documents

PACKAGE OF DOCUMENTS TO ARTICLE

[\(More...\)](#)

GETTING THE JOURNAL

1. The author will be notified of the publication of the journal by e-mail

2. A printed copy of the journal will be sent by "Nova Pochta" to the address specified in paragraph 10.3 of the [license agreement](#). Under the terms of [payment for publication](#), a hard copy of the journal is payable separately

3. The electronic version of the journal can be seen in the [archive](#) on our site