



## ATTENTION TO AUTHORS!

### The frequency of the journal

The journal «Bulletin of Zhetysu University named after Ilyas Zhansugurov» publishes **4 times a year in the following established terms:**

- No. 1 - until March 30;
- No. 2 - until June 30;
- No. 3 - until October 30;
- No. 4 - until December 30.

**The manuscripts are accepted in the following established terms:**

- No. 1 - until February 28;
- No. 2 - until May 30;
- No. 3 - until September 15;
- No. 4 - until November 30.

Articles must be submitted to the editorial office through the official journal website:  
<https://journal.zhetysu.edu.kz>.

**Languages of publication: Kazakh, Russian, English**

Please note that only one article per author may be published in a single issue of the journal. An author may publish no more than 2 articles per year. Additionally, the number of authors per article must not exceed 5.

### General information

The journal «Bulletin of Zhetysu University named after Ilyas Zhansugurov» accepts original research for publication, formatted as full manuscripts. The materials must be unique, unpublished, aligned with the journal's theme, and for plagiarism check (the minimum required level of text originality must be at least 75%), double-blind peer review, and approval by the editorial board.

Attention! Articles that do not comply with the formatting guidelines contain a large number of grammatical and spelling errors, or use automatic translation into English/Kazakh/Russian will not be accepted by the editorial board and will be returned to the authors without review.

The responsible secretary checks the materials for compliance with formatting requirements within three days. If there are violations, the author is notified and required to make revisions.

The journal is open – any author, regardless of citizenship, workplace, or academic degree, can publish a manuscript provided it meets the editorial requirements. Student and master's papers are accepted only in co-authorship with academic supervisors.

***The editorial team does not engage in literary and stylistic editing of articles.***

## Payment methods

After the manuscript is accepted for publication, the author must send a scan of the receipt for the publication fee (in PDF or JPEG format) to the email address: [vestnik@zu.edu.kz](mailto:vestnik@zu.edu.kz). The organizational fee is 30 000 tenge. For foreign authors without co-authorship with Kazakhstani authors, publication in the journal is free of charge.

### University details

Zhetysu University named after I. Zhansugurov

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**When paying specify the purpose of payment:** Registration fee for publication in the journal Bulletin of ZU.

### Payment instructions via Kaspi.kz the app:

Payments ➡ Search ➡ Manually write «Zhetysu University named after I. Zhansugurov» ➡ Instead of the faculty, you write: for the Bulletin ➡ fill in your data ➡ The amount: 30 000 tenge for 1 manuscript ➡ pay

**Editorial Office address:** 040000, Taldykorgan, Ilyas Zhansugurov St., 187a, Zhetysu University named after Ilyas Zhansugurov, Department of Scientometrics and Research Personnel Training, Room 310, phone: 8 (7282)22-21-23, вх. 1193, e-mail: [vestnik@zu.edu.kz](mailto:vestnik@zu.edu.kz).

## INFORMATION FOR AUTHORS

Authors are advised to follow the guidelines below when preparing manuscripts for publication in the journal.

The MS Word document with the manuscript must be named according to the following format: Last names and initials of all authors. For example: Shatyrbayeva G.Zh., Moldabayeva M.B.

### *At the end of the article, information about the authors is provided*

Sample:

**Moldabaeva Marzhan Bolatovna** – candidate of pedagogical sciences, professor, Zhetysu University named after I. Zhansugurov, [marzhan\\_moldabaeva@mail.ru](mailto:marzhan_moldabaeva@mail.ru)

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**Молдабаева Маржан Болатовна** – педагогика ғылымдарының кандидаты, профессор, І. Жансүгіров атындағы Жетісу университеті, [marzhan\\_moldabaeva@mail.ru](mailto:marzhan_moldabaeva@mail.ru)

## ARTICLE FORMATTING GUIDELINES

(if the manuscripts is in English)

1) 1. The SRSTI index (State Rubricator of Scientific and Technical Information) must be placed at the top left corner of the article in bold font. The SRSTI number should be obtained from the website <http://grnti.ru/>.

2) The title of the article (7-12 words), in capital letters in bold, in the center (in the language of the article).

3) The last name and initials of the author(s) and Orcid ID.

4) Information about the authors (affiliations (names of organizations), name of the country, city, addresses of all authors, e-mails of all authors).

*The author responsible for correspondence with the editorial office and for addressing all comments and revisions to the article is the corresponding author and is marked with an asterisk «\*». Authors from different institutions are indicated using superscript numbers 1, 2, and so on.*

5) Abstract at least 150 and no more than 300 words, keywords/phrases (5–10 words) related to the topic (in Russian, Kazakh, and English).

6) The length of the article (without the reference list and author information) must be between 2,500 and 6,000 words. The number of A4 pages does not matter — only the word count of the article text is considered.

7) When submitting an article, authors must send a cover letter (**Appendix A**) and the manuscript formatted according to the guidelines provided below.

8) In the cover letter, authors are required to confirm that the submitted article has not been previously published anywhere and that the manuscript does not contain any plagiarized content or borrowed text from other works without proper citation.

9) Font – Times New Roman, size – 12 pt. with a single line spacing. Margins on the left and top – 2.5 cm, on the right and bottom – 2 cm, paragraph – 1.25. The material of the manuscript is drawn up in accordance with «State Standard» 7.5-98 «Magazines, collections, information publications. Publishing design of published materials».

10) In the text, square brackets should be used for references to literary sources – [1], round brackets for formulas – (1). Links to formulas should be located to the right of the formula.

11) All formulas, numerical values, and notation of quantities must be typed in Microsoft Equation 3.0 or MathType format. Each formula should be typed separately if several formulas are in a row.

12) All the symbols used should be explained (it is possible not to explain unambiguous generally accepted designations).

13) You cannot start a sentence with a formula.

14) Tables and illustrations should be arranged as they are mentioned in the text in separate paragraphs. Each table and illustration should have a caption and each table and illustration should have a link in the text. Numbering for tables and illustrations is separate.

15) Illustrations must be of high quality (minimum 300 dpi) and numbered consecutively. All illustrations and their captions should be center-aligned, with captions placed directly below the illustration and separated from the main text by spaces. The font should be Times New Roman, size 12 pt. Example: Figure 1 – Title of the illustration.

16) Tables should be created in Microsoft Word table format. All tables should be numbered. Tables must be created using the Microsoft Word table format and numbered consecutively. The table title should be left-aligned and placed above the table. Titles and tables should be separated from the main text by spaces. The font should be Times New Roman, size 12 pt. Example: Table 1 – Title of the table.

**The structure of the article should follow the IMRAD format:**

– **Introduction**

– **Materials and Methods**

– **Results and Discussion**

– **Conclusion**

– **Funding information (if available)**

– The style of the reference list must comply with «State Standard» 7.1-2003 «Bibliographic record. Bibliographic description. General requirements and rules for compilation» (requirement for publications included in the list of the Committee for Quality Assurance in the Field of Science and Higher Education). The list of references, or

Bibliography, must include no fewer than 15 and no more than 20 sources, including mandatory references to publications indexed in Web of Science and/or Scopus. Self-citation should be limited to no more than 1–2 sources. Automatic numbering of the reference list is not allowed.

– **References** For articles written in Kazakh and Russian, transliteration of the reference list into Latin script is mandatory; for articles written in English, the reference list should be provided in the original language, using Latin script.

**Attention!** If there is literature in Cyrillic in the submitted list of references, then it is necessary to submit the list of references in two versions: in the original language in the Literature and in the Romanized alphabet (transliteration into Latin) in References. If there are foreign publications, they are completely repeated in References. Transliteration from Cyrillic can be done using the Online Converter program on the website <https://qazlat.kz/>.

For transliterated reference lists, the following structure should be used: Author(s) in English. (Year in parentheses). Title of the manuscript in transliterated form [translation of the manuscript title into English], Transliterated title of the source, publication details with designations in English.

Example:

In the «Literature» section:

8 Чилдибаева А.Ж., Аметов А.А., Тыныбеков Б.М. Характеристика некоторых растительных сообществ с участием узкоэндемичного вида *Rosa iliensis* Chrshan. в поймах реки Или // Вестник КазНУ. Серия биологическая. – Алматы, 2019. – № 1 (78). – С. 58-73

In the «References» section:

1 Childibayeva A.Zh., Ametov A.A., Tynybekov B.M. (2019). Harakteristika nekotoryh rastitelnyh soobshestv s uchastiem uzkoendemichnogo vida *Rosa iliensis* Chrshan. v poimah reki Ili [Characteristics of some plant communities involving the narrowendemic species *Rosa iliensis* Chrshan. in the floodplains of the Ili river], Exp. Bio., vol. 1(78)., pp. 58-73. (in Russian).

Instructions for authors on manuscript formatting can be found in **Appendix B**.

**Cover letter**

*(on the official letterhead of the organization)*

This letter confirms that the publication of the scientific article titled «**Title of the article**», **Full name(s) of the author(s)**, in the journal «**Bulletin of ZU**» does not violate the copyright of third parties. The author(s) transfer(s) to the journal publisher non-exclusive rights to use the scientific article for an indefinite period, including the placement of full-text versions of the journal issues on the official website. The author(s) bear(s) full responsibility for the use of intellectual property objects and copyrights in the article in accordance with the current legislation of the Republic of Kazakhstan. We also confirm that this article has not been previously published, has not been submitted to, and will not be submitted to other scientific publications (in case of acceptance for publication). The author(s) express(es) consent to the rules for preparing the manuscript for publication, approved by the journal's editorial board and posted on its official website.

**Vice-Rector** (in charge of Research)

## SAMPLE ARTICLE STRUCTURE

STIS

DOI (The article's DOI is assigned by the journal editorial office after acceptance for publication)

## TITLE OF THE MANUSCRIPT IN ENGLISH

M.G. Shatyrbayeva<sup>1,\*</sup> , M.B. Moldabayeva   
 (there should be a hyperlink to the ORCID profile in the icon )

<sup>1</sup>University (full name), Country, City<sup>2</sup>University (full name), Country, City

\*e-mail: (e-mail of the all authors)

*Abstract (150-300 words). The abstract should include the following mandatory items:*

*Purpose, ideas and main directions of research;*

*A brief description of the scientific and practical significance of the study;*

*Brief description of the research methodology;*

*Main results and analysis, conclusions of the research work;*

*The value of the conducted research;*

*Practical significance of the research.*

**Keywords:** 5-10 keywords.

### Introduction

The introduction should contain information about the objectives of the work, the importance of the research area, the theoretical and practical significance, the relevance of the problem, the solution of the problem or the formation of a hypothesis.

### Materials and methods

This section should consist of a detailed description of materials, equipment and software (including the model, company and country), as well as a detailed description of the methods used, while only new methods should be described in detail. It is sufficient to refer to previously published and well-known methods in the list of references. If the method is not widely known, it is desirable to state its principle and specify the author. The materials used in the course of the study should be described in qualitative and quantitative terms. Statistical analysis of the data obtained during the study is mandatory, it is also necessary to specify the software used. This section provides a detailed description of the research process and the sequence of its stages. It includes a critical analysis of existing studies and presents hypotheses that are either confirmed or refuted by the author in the course of the discussion.

### Results and discussions

This section reveals the results of the work and should contain an analysis and discussion of the results of the study. The results should be presented in the form of tables, figures and other illustrative materials with their discussion.

#### Tables

Tables must be created using the Microsoft Word table format and numbered consecutively. The table title should be left-aligned and placed above the table. Titles and tables should be separated from the main text by spaces. The font should be Times New Roman, size 12 pt.

Table 1 – Table name

Title	Result 1	Result 2	Result 3
Title 1	1	2	3

### *Illustrations*

Illustrations must be of good quality (minimum 300 dpi) and numbered consecutively. All illustrations with their captions should be center-aligned, with captions placed directly below the illustration and separated from the main text by spaces. The font should be Times New Roman, size 12 pt.

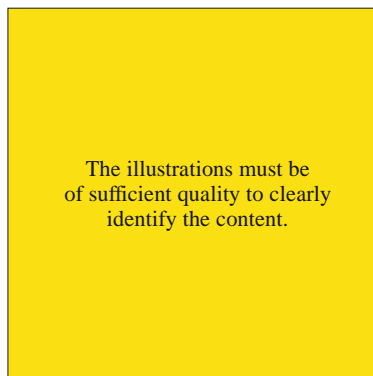


Figure 1 – The name of the figure

### *Equations*

All equations, numerical values, and notation of quantities must be typed in Microsoft Equation 3.0 or MathType format. Drawings of formulas are not allowed. All formulas must be numbered. Formulas should be centered. The numbering of formulas should be placed to the right of the formula in parentheses. All formulas should be separated by spaces from the rest of the text.

$$f = \sum (a + \frac{a}{10}) \quad (1)$$

where:  $f$  – designation name;  
 $a$  – designation name.

### **Discussion**

This section includes the interpretation and explanation of the data obtained during the research, as well as a comparison of the results with the findings of other scholars.

### **Conclusion**

This section should summarize and summarize the results of the work carried out, show how the results obtained and their significance for the development of science can potentially be used.

### **Financing information (if available)**

List the sources of funding with the support of which the work was carried out.

### **List of literature**

The list of references, or Bibliography, must include no fewer than 15 and no more than 20 sources, including mandatory references to publications indexed in Web of Science and/or Scopus. Self-citation should be limited to no more than 1–2 sources. Automatic numbering of the reference list is not allowed.

In the text, the reference number should be indicated in square brackets. For example: Korolev's formula [1] proves that (...).

### **LITERATURE:**

1 Құдайбергенова С.Қ., Әбілдина С.Қ. Жасанды интеллект және білім беру: мүмкіндіктер мен перспективалар // Білім және қоғам. – Алматы, – 2020. – № 2. – Б. 45-52.

2 Ахметов Ж.М. Аймақтық білім беру жүйесіндегі басқару мәселелері. – Талдықорған: Жетісу университеті баспасы. – 2023. – 45 б.

- 3 Rahnavard A., Asadian G., Pourshamsian K., Taghavi M. Assessing genetic variation of dog rose (*Rosa canina* L.) in Caspian climate // Biosci. Biotechnol. Res. Asia. – 2014. – Vol. 10. – P. 119-125.
- 4 Grant V. Plant speciation // New Phytol. – 1971. – Vol. 161. – P. 8-11.
- 5 Stralsjo L., Alklint C., Olsson M.E., Sjöholm I. Total folate content and retention in rosehips (*Rosa* spp.) after drying // J. Agric. Food Chem. – 2003. – Vol. 51. – P. 4291-4295.
- 6 Larsen E., Kharazmi A., Christensen L.P., Christensen S.B. An antiinflammatory galactolipid from rose hip (*Rosa canina*) that inhibits chemotaxis of human peripheral blood neutrophils in vitro. // J. Nat. Prod. – 2003. – Vol. 66. – P. 994-995.
- 7 Rosu C.M., Manzu C., Olteanu Z., Oprica L., Oprea A., Ciornea E., Zamfirache M.M. Several fruit characteristics of *Rosa* sp. genotypes from the Northeastern region of Romania // Not. Bot. Horti Agrobot. Cluj-Napoca. – 2011. – Vol. 39. – P. 203-208.
- 8 Чилдибаева А.Ж., Аметов А.А., Тыныбеков Б.М. Характеристика некоторых растительных сообществ с участием узкоэндемичного вида *Rosa iliensis* Chrshan. в поймах реки Или // Вестник КазНУ. Серия биологическая. – Алматы, 2019. – № 1 (78). – С. 58-73.
- 9 Engelmann F. Use of biotechnologies for the conservation of plant biodiversity // In Vitro Cell. & Dev. Bio. – Plant. – 2011. – Vol. 47(1). – P. 5-16.
- 10 Новикова Т.И. Использование биотехнологических подходов для сохранения биоразнообразия растений // Растительный мир Азиатской России. – 2013. – № 2(12). – С. 119-128.

#### REFERENCES:

- 1 Kudaibergenova S.K., Abildina S.K. (2020). Zhasandy intellekt zháne bilim beru: múmkindikter men perspektivalar [Artificial Intelligence and Education: Opportunities and Perspectives] // Education and society, - №2.- P.45–52. (in Kazakh).
- 2 Akhmetov Zh.M. (2023). Aimaqtyq bilim beru zhuiesindegi basqaru meseleleri [Management issues in regional education system]. Taldykorgan: Zhetysu University Publishing House. – 45 p. (in Kazakh)
- 3 Rahnavard A., Asadian G., Pourshamsian K., Taghavi M. (2014). Assessing genetic variation of dog rose (*Rosa canina* L.) in Caspian climate. Biosci. Biotechnol. Res. Asia., vol. 10., pp. 119-125.
- 4 Grant V. (1971). Plant speciation. New Phytol., vol. 161., pp. 8-11. Besschetnova M.V. (1975). Rozy [Roses], – Alma-Ata: Nauka. (in Russian)
- 5 Stralsjo L., Alklint C., Olsson M.E., Sjöholm I. (2003). Total folate content and retention in rosehips (*Rosa* spp.) after drying. J. Agric. Food Chem., vol. 51., pp. 4291-4295.
- 6 Larsen E., Kharazmi A., Christensen L.P., Christensen S.B. (2003). An antiinflammatory galactolipid from rose hip (*Rosa canina*) that inhibits chemotaxis of human peripheral blood neutrophils in vitro. J. Nat. Prod., vol. 66., pp. 994-995.
- 7 Rosu C.M., Manzu C., Olteanu Z., Oprica L., Oprea A., Ciornea E., Zamfirache M.M. (2011). Several fruit characteristics of *Rosa* sp. genotypes from the Northeastern region of Romania // Not. Bot. Horti Agrobot. Cluj-Napoca., vol. 39., pp. 203-208.
- 8 Childibayeva A.Zh., Ametov A.A., Tynybekov B.M. (2019). Harakteristika nekotoryh rastitelnyh soobshchestv s uchastiem uzkoendemichnogo vida *Rosa iliensis* Chrshan. v poimah reki Ili [Characteristics of some plant communities involving the narrow endemic species *Rosa iliensis* Chrshan. in the floodplains of the Ili river], Exp. Bio., vol. 1(78), pp. 58-73. (in Russian).
- 9 Engelmann F., Engels J.M.M. (2002). Technologies and strategies for ex situ conservation // Managing Plant Genetic Diversity. – Wallingford and Rome: CAB International and IPGRI. pp. 89-104.
- Bhanuprakash K., Tejaswini Y., Yogeesh H.S., Naik L.B. (2004). Effect of scarification and gibberellic acid on breaking dormancy of rose seeds. Seed Res., vol. 32., pp. 105-107.
- 10 Novikova T.I. (2013). İspölzovanie biotehnologicheskikh podhodov dlä sohraneniya bioraznoobrazia rasteni [Use of biotechnological approaches for conservation of plant biodiversity], Rastitel'nyy mir Aziatskoy Rossii., vol 2(12), pp. 119-128. (in Russian).

## ҚАЗАҚ ТІЛІНДЕГІ ҚОЛЖАЗБА АТАУЫ

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*Зерттеудің мақсаты, идеялары және негізгі бағыттары;*

*Зерттеудің ғылыми және практикалық маңыздылығының қысқаша сипаттамасы;*

*Зерттеу әдістемесінің қысқаша сипаттамасы;*



*Зерттеу жұмысының негізгі нәтижелері мен талдаулары, қорытындылары;  
Жүргізілген зерттеудің мәні;  
Зерттеудің практикалық маңызы.  
Кілт сөздер: 5-10 кілт сөз.*

## **НАЗВАНИЕ РУКОПИСИ НА РУССКОМ ЯЗЫКЕ**

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*\*e-mail: (эл.почта всех авторов)*

*Аннотация (150-300). Аннотация должна включать следующие обязательные пункты:*

*Цель, идеи и основные направления исследования;*

*Краткое описание научной и практической значимости исследования;*

*Краткое описание методологии исследования;*

*Основные результаты и анализ, выводы исследовательской работы;*

*Ценность проведенного исследования;*

*Практическое значение исследования.*

***Ключевые слова:*** 5-10 ключевых слов