

## Dear Author!

In accordance with the requirements of the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan, the editorial office of the journal "Bulletin of Science of S. Seifullin Kazakh Agrotechnical Research University" has developed a website with an online system for submission and review of articles.

In this regard, to submit an article to the journal, you need to register on the journal's website as an author and upload the article on the online platform.

Author registration is available at the following link: <http://bulletinofscience.kazatu.edu.kz/index.php/bulletinofscience/user/register>. For your convenience, we have attached video instructions for author registration <https://www.youtube.com/watch?v=UeZlKY4bozg>.

### **Requirements for scientific articles for publication in the journal "Bulletin of Science of S. Seifullin Kazakh Agrotechnical Research University".**

Scientific journal "Bulletin of Science of S. Seifullin Kazakh Agrotechnical Research University" has been published since 1994 and comes out 4 times a year.

The journal accepts articles in the following areas:

- Agricultural Sciences;
- Biological Sciences;
- Technical Sciences;
- Humanities;
- Economic Sciences.

Articles in the scientific areas of the journal that have not been previously published elsewhere are accepted for publication. One author is allowed only one publication as the main author (principal author) in one journal. The article is submitted in electronic format in doc, docx formats by uploading it through the functionality of the journal's website (Open Journal System). Instructions on how to place a publication can be found at the following link: <https://youtu.be/mYZnWUSxOL8?list=PLeLU2OkHcK2QbehUeOfC7Qp6hySH6717&t=2>.

Articles should be designed in accordance with GOST 7.5.-98 "Journals, collections, information editions. Publishing design of published materials" adopted by the Interstate Council for Standardisation, Metrology and Certification (Minutes No. 1:3-98 of 28 May 1998), as well as prefatory bibliographic lists (List of Literature) in accordance with GOST 7.1.-2003 "Bibliographic record. Bibliographic description. General requirements and rules of compilation", adopted by the Interstate Council for Standardisation, Metrology and Certification (Minutes No. 12 of 2 July 2003).

The bibliographic part of the articles is given in 3 languages (title of the article, abstract, keywords, information about the authors)		
1.	Structure of the article:	<ul style="list-style-type: none"><li>- Universal decimal classification</li><li>- Article title</li><li>- Information about the authors;</li><li>- Abstract (in the language in which the article was written);</li><li>- Key words;</li><li>- Introduction (Main body of the paper);</li><li>- Materials and Methods;</li><li>- Results;</li><li>- Discussion;</li><li>- Conclusion;</li><li>- Funding information (if available);</li><li>- List of References;</li><li>- References.</li></ul> <p><b>*Abstracts in two languages follow (title of the article, information about the authors, abstract, keywords)</b></p>

## **SCIENTIFIC ARTICLE REQUIREMENTS:**

The article should contain only original material reflecting the results of the author/s research.

Articles of at least 7 pages (including figures and tables) in one of the following languages are accepted for publication: Kazakh, Russian, English.

Articles are accepted with the originality of the text not less than 70% (verification is carried out by Anti-Plagiarism system).

Articles are accepted by the 20th of each quarter (20 February, 20 May, 20 August, 20 November).

The text should be typed in Microsoft Word, Times New Roman font size 14, single spacing. Paragraph indent-1.25.

The text should be printed with the following margins: top and bottom - 2 cm, left and right - 2 cm. The alignment is width-wise (with automatic hyphenation).

<b>Title</b>	<b>Requirements</b>
<b>UDK</b>	In the upper left corner of the sheet. Index of UDC and ICSTI (according to the indexing guidelines available in scientific libraries or freely available on the Internet ( <a href="https://grnti.ru">https://grnti.ru</a> )); The word "UDC" in the structure of the article in the Kazakh language should correspond to the format - "ӘОЖ", in English - "UDC".
<b>Article title</b>	Should be presented in the language in which the article is written, in bold capital letters, centre alignment.
<b>Information about the author(s)</b>	Authors' data (full name) should be indicated in full without abbreviations - right-alignment. It is necessary to highlight the main author by polygraphic means (bold font).
	Alignment to the right margin, italicised. If there are several authors of the article, the information is repeated for each author. Academic degree, title, place of work or study, city, country are fully indicated.
<b>Email address</b>	E-mail of all authors of the article. <i>Italicised right margin</i>
<b>Abstract (in the language of the article)</b>	<p>The volume of the abstract is not less than 100 and not more than 300 words. The word "Abstract" in 3 (three) languages should correspond to the format: in Russian - "Аннотация"; in Kazakh - "Түйін"; in English - "Abstract".</p> <p>The abstract should reflect the following points: relevance, essence of scientific research, description of scientific and practical significance of the work, a brief description of research methods and methodology, the main results and conclusions of the research work, the value of the research (the contribution of this work to the relevant field of knowledge), as well as the practical significance of the results of the work.</p>
<b>Keywords</b>	(7 words/word combinations), separated by semicolons. The word "Ключевые слова" in the structure of the article in the Kazakh language should correspond to the format "Кілт сөздер", in English - "Key words".
<b>Introduction (Main Provision)</b>	This section should include a brief literature review, the relevance of the topic or problem. The rationale for choosing the topic based on the experience of predecessors should be described, as well as the formulation of specific questions or hypothesis.
<b>Materials and methods</b>	<p>This section must fulfil the following criteria:</p> <ul style="list-style-type: none"> <li>- the methods presented should be reproducible;</li> <li>- briefly describe the methods used without going into methodological specifics;</li> <li>- a reference to the source is required for standard methods;</li> <li>- if a new method is used, a detailed description is required;</li> <li>- describe the methodology of the study, indicating the origin of equipment and materials, methods of statistical processing of data and other ways to ensure reproducibility.</li> </ul>
<b>Results</b>	This section should clearly state the essence of the article and analyze the research findings and specific recommendations. The results of the research should be characterised in sufficient detail to allow the reader to trace its stages and assess the validity of the author's conclusions. The results, if necessary, are supported by illustrations - tables, graphs, figures, which present the source material or evidence in a structured/graphic form.
<b>Discussion</b>	<p>Discussion and interpretation of results, including in the context of previous studies.</p> <ul style="list-style-type: none"> <li>✓ A brief description of the most significant results that were identified in the Results section and their comparison with other case studies,</li> <li>✓ Highlighting problem areas, missing aspects;</li> <li>✓ Future research directions.</li> </ul>
<b>Conclusion</b>	Summarising the findings of the study (each paragraph should focus on answering the objectives in the Introduction or be an argument to prove the hypothesis

	statements (if any) that were outlined in the Introduction).
<b>Information on funding (if any) and/or acknowledgements</b>	It is necessary to reflect the information about the publication of the article within the framework of grant, programme-targeted funding, other funding, or express words of gratitude to colleagues or other persons, with the assistance (support) of whom the research was conducted, etc.
<b>List of references</b>	<p>The words "Список литературы" in the structure of the article in the Kazakh language should correspond to the format - "Әдебиеттер тізімі", in English - "References".</p> <p>The reference list is compiled in the order of citation in the text. It is important to use international topical sources, at least 50% of sources from Web of Science and/or Scopus database for the last 15-20 years. And also references in the text should correspond to the sources in the bibliography list, avoid self-citation at the author and journal level.</p> <p>The list of literature is compiled in accordance with GOST 7.1.-2003. Bibliographic record. Bibliographic description. General requirements and drafting rules adopted by the Interstate Council for Standardization, Metrology and Certification (minutes No. 2 dated July 2, 2003 (docs.cntd.ru). GOST 7.1-2003 and design examples are available on the website <a href="https://bulletinofscience.kazatu.edu.kz/index.php/bulletinofscience/gost">https://bulletinofscience.kazatu.edu.kz/index.php/bulletinofscience/gost</a></p>
<b>References</b>	After the list of references in the language of the article (except English), references are given, literature in Latin transliteration. References transliterated list of references, if the literature is in English, then transliteration is not carried out. Transliteration using an online translator via the link <a href="http://translit-online.ru">http://translit-online.ru</a> . This translator does not transliterate specific letters of the Kazakh alphabet. After transliteration of the Kazakh text must be corrected in accordance with the rules.
<b>Abstracts in 2 languages</b>	Consists of the title of the article, information about the authors, abstract, keywords
<b>Information on authors</b>	Information about the authors is attached as a separate file and contains: academic degree, place of work, phone number, e-mail, ORCID of the authors.

Note: Articles translated using an automatic translator with numerous grammatical, spelling, stylistic errors and not meeting the specified requirements are not accepted for publication.

*Formulas.* Simple in-line and single-line formulas should be typed in symbols without using special editors (special symbols from Symbol, Greek Math Symbols, Math-PS, Math A Mathematica BTT fonts are allowed). Complex and multi-line formulas must be typed entirely in the Microsoft Equation 2.0, 3.0 formula editor. It is not allowed to type part of the formula in symbols and part in the formula editor.

*Tables* are placed in the text. Tables are numbered in the order of references in the text. The numbering title of the table is typed in bold type with left-alignment (e.g., Table 1). The subject heading (if any) is placed on the same line in bold type with left-alignment. Reference to the table in the main text is made in bold type in brackets - for example, (Table 1). If the table has a large volume, it can be placed on a separate page, and if it has a significant width on a page with landscape orientation.

*Figures* are placed in the text. Figures are numbered in the order of references in the text. The numbering title is typed in bold font with center alignment (e.g., Figure 1). The subject heading (if any) is placed on the same line immediately after the numbering heading (e.g., Figure 1 - Dependence...). Reference to the figure in the main text is made in bold type in brackets - for example, (Figure 1). If the figure has a large format, it should be placed on a separate page, and if it has a significant width - on a page with landscape orientation. Figures may be scanned from the original (150spi in greyscale) or made by computer graphics. Captions to figures should be made directly below the figure.

#### **Information on payment for publication**

Payment is due after the editorial board has made a decision to publish.

The amount of payment for placement of articles in the journal "Bulletin of Science of KATRU named after. S. Seifullin" is set according to the order No 53-H from 14 February 2022:

1) in the section: "Agricultural Sciences":

- for KATRU faculty, students and affiliated organizations - 4 000 (four thousand) tenge for 1 (one) page;

- for other external organizations - 8 000 (eight thousand) for 1 (one) page;
  - for foreign authors (single article) - free of charge.
- 2) in the sections: "Biological Sciences", "Technical Sciences", "Humanities" and "Economic Sciences":
- for KATRU faculty, students and affiliated organizations - 1 000 (one thousand) tenge per 1 (one) page;
  - for other external organizations - 2 000 (two thousand) for 1 (one) page;
  - for foreign authors (single article) - free of charge.

Payment should be made at the cash desks of the Halyk Bank, labelled "For the publication of the article".

**Payment.** Authors who have received a favorable opinion for the publication of the article should make payment to the following details:

**Requisites of NC JSC "KATRU named after S. Seifullin" in "Halyk Bank of Kazakhstan" JSC**

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Code 16

Payment destination codes: 890

Bank: ARFAO №119900 "Halyk Bank of Kazakhstan" Contact phone number: 8(7172)31 02-45;

e-mail: [vestnik\\_katu@kazatu.kz](mailto:vestnik_katu@kazatu.kz)

Address: 010011, Republic of Kazakhstan, Astana, 62, Zhenis Ave.

**Also, through the mobile application Kaspi. kz (universities and colleges).**

## SAMPLE ARTICLE

УДК (ΘΟЖ), (UDC) 577.2:577.29

### IDENTIFICATION OF WHEAT GENES CONFERRING RESISTANCE TO PATHOGENIC FUNGI

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#### **Abstract**

The author of the article proves that the presence of wheat resistance genes to pathogenic fungi is a key factor for use in breeding work. The article presents the results of identification of wheat genes Sr32, Bt9 and Bt10 responsible for drought resistance to pathogenic fungi causing stem rust diseases as well as hard heading... [100-300 words].

**Key words:** resistance genes; stem rust; durum wheat; pathogenic microscopic fungi; electrophoresis; PCR; wheat. (7 words or phrases).

**Main text** of the article should contain structural elements:

- Introduction (Main Provision);
- Materials and Methods;
- Results;
- Discussion;
- Conclusion;
- Funding information (if available);
- List of references;
- References.

**\* This is followed by bilingual abstracts**

**\*\* Information on authors - information on each of the authors (scientific title, academic degree, place of work, address, telephone number, ORCID)**

















