

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION,
THE RUSSIAN ACADEMY OF SCIENCES,
MINISTRY OF AGRICULTURE OF THE RUSSIAN FEDERATION
ALL-RUSSIAN ACADEMY OF NON-TRADITIONAL AND RARE PLANTS,
FEDERAL STATE BUDGETARY SCIENTIFIC INSTITUTION (FSBSI) "ALL-RUSSIAN SELECTION
AND TECHNOLOGICAL INSTITUTE OF HORTICULTURE AND NURSERY"
FSBSI "FEDERAL SCIENTIFIC CENTER OF VEGETABLE"
FSBSI "INSTITUTE OF FUNDAMENTAL PROBLEMS OF BIOLOGY RAS"
M.M. HRYSHKO NATIONAL BOTANICAL GARDEN OF THE NATIONAL ACADEMY OF
SCIENCES OF UKRAINE
INSTITUTE OF GENETICS, PHYSIOLOGY AND PLANT PROTECTION, MINISTRY OF
EDUCATION, CULTURE AND RESEARCHES, REPUBLIC OF MOLDOVA (*INSTITUTUL DE
GENETICĂ FIZIOLOGIE OLOGI PROTECȚIE A PLANTELOR, MINISTERUL EDUCAȚIEI, CULTURII
III CERCETĂRII AL REPUBLICII MOLDOVA*)
SLOVAK UNIVERSITY OF AGRICULTURE IN NITRA, DEPARTMENT OF GENETICS AND PLANT
BREEDING, FACULTY OF AGROBIOLOGY AND FOOD RESOURCES, INSTITUTE OF
BIODIVERSITY CONSERVATION AND BIOSAFETY (SLOVENSKÁ POĽNOHOSPODÁRSKA
UNIVERZITA V NITRE KATEDRA GENETIKY A ŠLACHTENIA RASTLÍN, FAKULTA
AGROBIOLÓGIE A POTRAVINOVÝCH ZDROJOV INŠTITÚT OCHRANY BIODIVERZITY A
BIOLOGICAL SECURITY)
FEDERAL STATE BUDGETARY SCIENTIFIC INSTITUTION (FSBSI) "SCIENTIFIC RESEARCH
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FSBSI FEDERAL RESEARCH CENTER N.I. VAVILOV INSTITUTE OF PLANT GENETIC
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FSBSI K.A. TIMIRYAZEVA INSTITUTE OF PLANT PHYSIOLOGY OF THE RUSSIAN ACADEMY
OF SCIENCES
FSBSI M.M. SHEMYAKIN AND YU. A. OVCHINNIKOV INSTITUT BIOORGANIC CHEMISTRY OF
THE RUSSIAN ACADEMY OF SCIENCES**

INVITE YOU TO PARTICIPATE IN THE WORK OF

**V INTERNATIONAL SCIENTIFIC AND METHODOLOGICAL CONFERENCE
"THE ROLE OF PHYSIOLOGY AND BIOCHEMISTRY IN THE INTRODUCTION AND
SELECTION OF AGRICULTURAL PLANTS"**

15 -19 April 2019

MOSCOW, Scientific Information Center FSBI WSTIP

FIRST INFORMATION LETTER



PROGRAM COMMITTEE

MEMBERS OF THE PROGRAM COMMITTEE

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DEAR COLLEAGUES!

We invite you to take part in the work of the V International Scientific and Methodological Conference "The Role of Physiology and Biochemistry in the Introduction and Breeding of Agricultural Plants", which will be held on April 15-19, 2019 at the Federal State Budgetary Scientific Institution "All-Russian Selection and Technological Institute of Horticulture and Nursery", Moscow.

The Conference include plenary reports, oral and poster presentations.

Directions of the conference (sections):

- ✓ Growth, development and productivity of agricultural plants
- ✓ Biologically active and valuable food substances of agricultural plants
- ✓ Photosynthesis, respiration, mineral nutrition and water metabolism of plants, signaling systems of higher plant cells
- ✓ Stress and plants adaptation, physiological and biochemical protective reactions of organisms to the effects of abiotic and biotic factors
- ✓ Influence of technogenic pollution on physiological and biochemical processes of agricultural plants
- ✓ Antioxidants of agricultural plants - biomedical and technological aspects of the use of antioxidants in agriculture, medicine, cosmeceutics, pharmacy, functional nutrition
- ✓ The use of physiological and biochemical parameters in the introduction and selection of the quality and resistance of agricultural plants
- ✓ Photon control of the production process of agricultural plants, diagnostics of the state of plants by remote methods

CONFERENCE WORKING LANGUAGES: RUSSIAN, ENGLISH

Within the framework of the conference, master classes for young scientists will be held on the basis of the laboratories of the VSTISP, FGBNU

According to the results of the conference, a collection of papers with article-by-article indexation will be published in the RSCI database (Russian Science Citation Index), as well as in the magazines "Horticulture and Viticulture" and "Vegetables of Russia".

Detailed information about the conference will be available on the site <https://vstisp.org/vstisp/> and in the second information letter.

KEY DATES

To participate in the conference, you must send a registration form by February 15, 2019, by e-mail: motyleva_svetlana@mail.ru (file name, for example: sokolov_regform.). Materials for publication must be sent before **March 15, 2019** as an attached file. The file name is the last name of the first author in Latin letters (for example: sokolov_st) with the extension **.doc**.

Materials for online presentation on a computer projector should be made in Power Point 2003 (extension **.ppt**). The file name of the online presentation is the last name of the first author in Latin letters.

The maximum size of the poster: H = 1.189 x W = 0.841 m. (A0 format).

If you need assistance in making a poster, please indicate this in your registration form.

ORGANIZATIONAL FEE AND PAYMENT OF PUBLICATIONS OF THE ARTICLES ARE NOT CHARGED!

A conference information package will be published in electronic form with the assignment of an ISBN index and the inclusion in the citation database of the RSCI. Absentee participants will be able to download a conference information package from the site of "ALL-RUSSIAN SELECTION AND TECHNOLOGICAL INSTITUTE OF HORTICULTURE AND NURSERY" or FSBSI "FEDERAL SCIENTIFIC CENTER OF VEGETABLE".

In the case of support of the conference by the RFFR (Russian Foundation for basic research), a paper version of the collection of scientific articles will be published with assignment of an ISBN index. The electronic version will be presented in the RSCI database (Russian Science Citation Index) item by article.

The best articles will be published in the journal, which is included in the list of the highest certifying commission of Russia (VAK) "Vestnik FNTSO" (gazette of the FEDERAL SCIENTIFIC CENTER OF VEGETABLE), "Vegetables of Russia", "Fruit and Berry Growing of Russia" with an assignment of DOI identifier.

REQUIREMENTS FOR THE CONTENT AND DECORATION OF MATERIALS

To publish an article in the magazine "Horticulture and Viticulture" it is necessary to prepare materials in accordance with the "Rules for Authors" posted on the website of the journal www.sadivin.com

To publish an article in the journal "Vegetables of Russia", it is necessary to prepare materials in accordance with the "Rules for Authors" posted on the website of vegetables.su.

For the publication of materials in the collection "Fruit and Berry Growing of Russia" it is necessary to prepare materials in accordance with the "Rules for Authors" posted on <https://vstisp.org/vstisp/index.php/trebovaniya>

For the collection of papers:

1. The volume of materials is 1-3 pages of A4 format Word 6.0 and Times New Roman font, size 11, line spacing 1, with margins: upper - 6.1, lower - 6.5, left - 4.9, right - 4.9 cm. From the edge: to the header 1.25, to the bottom 5.8 cm. Page numbering: size 10 - bottom in the middle of page.

2. The text should be presented in the following order: UDC, title (in lower case letters, centered, in bold), under the title: last, first and middle names of the authors and their work place (you must specify the full name of the institution, organization, enterprise in Russian (obligatory for Russian articles, or native language) and English, and postal address or email address and phone number). This is followed by a summary (abstract) in Russian (obligatory, in case of article in Russian) and English (if possible) languages, introduction, materials and methods, results and their discussion, conclusion or conclusions, bibliographic list prepared in accordance with GOST R 7.0.5-2008 "Bibliographic link" (ГОСТ Р 7.0.5-2008 «Библиографическая ссылка»). The text should be justified in width, paragraph indent 1 cm, automatic hyphenation.

ATTENTION!

Materials are reviewed. The editorial board reserves the right to exclude materials that do not relate to the themes of the conference and the requirements for the preparation of the manuscript.

We would be grateful if the information about the conference is spread among teachers, graduate students, employees of universities, scientific and research institutions specialized enterprises and organizations.

Application form

V International Scientific and Methodological Conference "The role of physiology and biochemistry in the introduction and selection of agricultural plants"

April 15-19, 2019, Moscow

Full Name (Last, first and middle names): _____

Academic degree, title, position: _____

Place of work, address: _____

Contact phone, fax, e-mail: _____

Section: _____

Title of the report: _____

Report form (oral, online presentation, poster, publication)

Hotel need (Yes, No)

PATTERN PREPARATION ARTICLE FOR THE COLLECTION OF PAPERS

FULL NAME (example, DENISOV JURII FEODOROVICH), Academic degree, position¹, full name., Academic degree, position², full name, academic degree, position³.

¹ full name of the institute (abbreviated), E-mail.

² full name of the institute (abbreviated), E-mail.

³ full name of the institute (abbreviated), E-mail.

To obtain reliable results for determining the mass fraction of fiber, a method is proposed that refines the measurement results by taking into account the varying mass of the crucible.

Determination of crude fiber by the method of Wende is the official method in Italy, France, Great Britain, Sweden, the United States and other countries.

Determination of crude fiber by the method of Wende is the official method in Italy, France, Great Britain, Sweden, the USA and other countries. Determination of crude fiber by the method of Wende is the official method in Italy, France, Britain, Sweden, the United States and other countries. Determination of crude fiber by the method of Wende is the official method in Italy, France, UK, Sweden, USA and other countries. Determination of crude fiber according to the Wende method is the official method in Italy, France, UK, Sweden, USA and other pages. Determination of crude fiber by the method of Wend is the official method in Italy, France, Great Britain, Sweden, the United States and other countries. Determination of crude fiber by the method of Wend is the official method in Italy, France, Great Britain, Sweden, the United States and other countries. Determination of crude fiber by the method Wende is the official method in Italy, France, UK, Sweden, USA and other countries. Determination of crude fiber according to Wende is the official method in Italy, France, UK, Sweden, USA and others. countries