



**SECOND INTERNATIONAL SCIENTIFIC CONFERENCE
"PLANT STRESS AND ADAPTATION",
dedicated to the 125th anniversary of the birth of Prof. F.P. Matskov**



Organizers – Yuriev Plant Production Institute of NAAS of Ukraine (PPI NAAS); Institute of Food Biotechnology and Genomics of NAS of Ukraine

Co-organizers – All-Ukrainian Association of Plant Biologists, Ukrainian Society of Plant Physiologists, Vavilov Society of Geneticists and Breeders of Ukraine

Dear colleagues,

We are happy to inform you that on June 7-8, 2023, the Second International Scientific Conference "PLANT STRESS AND ADAPTATION" dedicated to the 125th anniversary of the birth of Professor F.P. Matskov will be held in a remote format (using the ZOOM platform). Oral scientific presentations and a poster session are scheduled during the conference.

Before the conference, it is planned to publish an electronic version of theses and place them on the websites of the IR of the National Academy of Sciences of Ukraine and the Institute of Food Biotechnology and Genomics of the National Academy of Sciences of Ukraine. After the end of the conference, the program committee will offer the authors of the most meaningful reports the publication of chapters in the collective monograph "Regulation of adaptive responses in plants", which is planned to be published by Nova Science Publishers (New York) with subsequent indexing in the Scopus database, as well as articles in specialized publications of the category B "Breeding and seed production" and "Plant genetic resources". All publications, as well as participation in the conference, are free.

Main directions:

- Cellular aspects of plant resistance;
- Adaptive plant responses to abiotic and biotic stress factors;
- Genome, transcriptome, proteome, and metabolome under influence of stressors;
- Hormones and signaling molecules in the regulation of stress resistance;
- Induction of plant resistance by exogenous influences;
- Breeding, genetic, and genetic engineering approaches to improving plant resistance;
- Methods for assessing plant resistance

Conference languages:

- Ukrainian, English (for reports, publication of theses and articles in special issues of periodicals), only English for chapters in a monograph «Regulation of adaptive responses in plants».

Organizing Committee

Blume Ya.B. – Dr. Sci. (Biol.), Professor, Academician of NAS of Ukraine, Director of Institute of Food Biotechnology and Genomics of NAS of Ukraine (*Co-Chair of the Organizing Committee*)

Leonov O.Yu. – Dr. Sci. (Agricult.), Acting Director of PPI NAAS of Ukraine (*Co-Chair of the Organizing Committee*)

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Kokorev O.I. – PhD (Biol.), Senior Researcher of Laboratory of Plant Physiology and Biochemistry of PPI NAAS of Ukraine (*Secretary of the Organizing Committee*)

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Zolotareva O.K. – Dr. Sci. (Biol.), Professor (Kyiv, Ukraine)

Tentative plan of the conference

7 June 2023

11.00 – 11.40 – opening of the conference, opening speech of the First Deputy Minister of Agrarian Policy and Food of Ukraine Taras Vysotskyi, Vice-President NAS of Ukraine Academician of NAS of Ukraine Vyacheslav Koshechko, Vice-President NAAS of Ukraine Academician of NAAS of Ukraine Mykola Roik, Director of the Institute of Food Biotechnology and Genomics of the NAS of Ukraine Academician of NAS of Ukraine Yaroslav Blume and Acting Director of the Yuriev Plant Production Institute of NAAS Dr. Sci. Oleh Leonov
11.40 – 13.20 – morning session, oral presentations
13.20 – 14.30 – break
14.30 – 18.00 – daytime session, oral presentations

8 June 2023

- 11.00 – 13.30 – morning session, oral presentations
- 13.30 – 15.00 – break and review of poster presentations
- 15.00 – 15.30 – discussion of poster presentations
- 15.30 – 18.00 – daytime session, oral presentations
- 18.00 – 18.30 – summing up, closing the conference

Requirements for the design of posters to be placed on the platform

https://padlet.com/nik20109442/scientific_conference_2023_vuriev

1. Online poster reports must be submitted in file format – JPEG, PDF.
2. File size must be less than 3 Mb. Recommended poster size – A1 (594x841 mm) (no pixels and no blur)
3. Recommended size of the report title is not less than 80 pt, text size is not less than 22-24 pt, and interlinear interval is 1.5. Full names of authors and names of institutions must be indicated under the title.
4. The text on the slides must be accompanied by graphic material that must be clear, with comments and decoded symbols. Materials must be of high resolution, without watermarks and other inscriptions.

How to add poster

To add a poster to the board, click the + \"Add Post\" button, drag and drop files, or double-click on an empty space on the board. Make out the title of your post according to the model - In the \"Title\" field - information about yourself and the title of the poster, for example,- Kokorev O.I., Kolupaev Yu.E.,- Yur'ev Plant Production Institute, National Academy of Agrarian Sciences of Ukraine, Kharkiv; State Biotechnological University Kharkiv, Ukraine. In the field \"Write something\" - the title of your work - \"The role of nitric oxide and hydrogen peroxide in the implementation of the stress-protective effect of cadaverine on wheat seedlings under conditions of hyperthermia\".

Organizing Committee contact information:

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