National Academy of Agrarian Sciences of Ukraine
Institute of Climate-Smart Agriculture of NAAS
All-Ukrainian Public Organization "Ukrainian Society of Geneticists and Breeders named after M.I. Vavilov"

Dear Colleagues,
We invite you to participate in the

II International Scientific and Practical Conference "MOLECULAR GENETICS, BREEDING, AND BIOTECHNOLOGY OF AGRICULTURAL CROPS: ACHIEVEMENTS AND CHALLENGES"

Date: November 12, 2025

Participants of the conference will have the opportunity to learn about the state of the national agricultural sector and best practices from leading institutions regarding the effectiveness of modern technologies and innovations in molecular genetics, biotechnology, and artificial intelligence applications.

The II International Scientific and Practical Conference "Molecular Genetics, Breeding, and Biotechnology of Agricultural Crops: Achievements and Challenges" will cover key areas of modern science, including:

1. Genomics and genetic diversity of plants
2. Marker-assisted selection of agricultural crops
3. Biotechnologies for enhancing crop productivity, stress resistance, and climate adaptability
4. Application of bioinformatics approaches and neural networks (artificial intelligence) in agriculture
5. Molecular diagnostics and identification of plant pathogens

CONFERENCE LANGUAGES: Ukrainian and English.
Format: Online (ZOOM platform)
Start time: 10:00 AM (Kyiv time)
Conference ID: 703 705 9700
Password: i1LmSG
Join via link:
https://us05web.zoom.us/j/7037059700?pwd=DQH0jMB3y8uC0XfILBi8ST2ObBaunF.1

Conrfeence Coordinators:
Natalia Volkova: +380963620729
Tetiana Marchenko: +380954429212

To participate, please complete the application form and submit materials formatted according to the specified requirements to:
Email: izz.biblio@ukr.net
Contact person: Olena Pilyarska, +38 0997779934
Participation is free of charge. Following the conference, a collection of materials will be published.

APPLICATION FORM
for participation in the II International Scientific and Practical Conference
"MOLECULAR GENETICS, BREEDING, AND BIOTECHNOLOGY OF AGRICULTURAL CROPS: ACHIEVEMENTS AND CHALLENGES"

Full Name (Ukrainian)	
Full Name (English)	
Academic Degree	
Academic Title	
Position	
Institution	
Phone Number	
Email	
Title of Presentation	
Conference Section (Number and Title)	
Participation Format	**(Oral Presentation + Publication / Publication Only)**
Presenter's Full Name	**(If planning to present)**

Deadline for application and abstract submission: November 6, 2025.
File naming format for submission:
Abstracts: *LastName_materials_SectionNumber* (e.g., *Marchenko_materials_3*)
Application: *LastName_application_SectionNumber* (e.g., *Marchenko_application_3*)

REQUIREMENTS FOR SUBMISSIONS

Format: A4, Microsoft Word (*.doc, *.docx)
Margins: 2 cm on all sides
Font: Times New Roman, 14 pt
Spacing: 1.0
Indentation: 1.25 cm
Length: Up to 3 pages

STRUCTURE OF THE SUBMISSION:

- **Title of the article** (UPPERCASE, bold, centered)
- **Author(s) Name(s)** (lowercase, bold, centered)
- **Academic degree and title** (centered)
- **Institution (in nominative case)** (centered)
- **Body text** (14 pt, justified, single-spaced, 1.25 cm paragraph indentation)
- **References** listed at the end under the heading *"References"*, formatted according to **DSTU 8302:2015**
- **Citations in text** should be indicated in square brackets: [5]

Figures:

- Labeled as *"Figure X. Title"*, numbered sequentially, centered, bold italics
- Separated from the text by a blank line above and below
- All figures must be referenced in the text (*Fig. 1*)

Tables:

- Labeled as *"Table X"*, numbered sequentially, aligned to the right
- Title is centered and bold on the next line

- Font size in tables and figures: **12 pt minimum**
- Separated from the text by a blank line above and below
- All tables must be referenced in the text (*Table 1*)

EXAMPLE FORMAT OF SUBMISSION:

INFLUENCE OF EXPLANT TYPE AND LINUM USITATISSIMUM L. CONVAR. ELONGATUM VARIETY ON CALLUS AND ORGANOGENESIS INTENSITY IN IN VITRO CONDITIONS

Marchenko T., Doctor of Agricultural Sciences
Mishchenko S., Doctor of Agricultural Sciences
Institute of Climate-Smart Agriculture of NAAS, Odesa
Institute of Bast Crops of NAAS, Hlukhiv

Plants of all studied varieties demonstrated effective callus and organogenesis capacity in in vitro culture in the presence of exogenous phytohormones [1].

…

References:

1. Mishchenko S. V., Kryvosheeva L. M., Lavrynenko Y. O., Marchenko T. Y. Influence of explant type and variety of *Linum usitatissimum* L. convar. *elongatum* on the intensity of callus formation and organogenesis *in vitro*. *Plant Varieties Studying and Protection*. 2023. Vol. 19, No 3. P. 195–201. DOI: 10.21498/2518-1017.19.3.2023.287644