

Title: International Scientific and Practical Conference "VAVILOV READINGS-2023" (VVRD 2023)

Location: Online (Zoom)

Date: May 25-26, 2023

Web-site: <https://ide-rus.ru/vvrd2023/eng>

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ABOUT:

Welcome to the International Scientific and Practical Conference "VAVILOV READINGS-2023" (VVRD 2023), held on May 25-26, 2023, Online (Zoom)

VVRD 2023 - The conference provides a unique opportunity for scientists, researchers, educators and practitioners to share their research and experience in engineering, biotechnology and agriculture.

Call for paper:

1. Basic research in the field of plant and microbial studies:

- 1.1. Problems and achievements of modern genetics and breeding
- 1.2. Genomics, molecular and cellular engineering of plants and microorganisms
- 1.3. Study of plant genetic resources
- 1.4. Ecological problems of plant biodiversity

2. Modern agrobiotechnologies for ensuring sustainable development of agriculture:

- 2.1. Technologies for increasing soil fertility
- 2.2. Sustainability of agricultural agrocenoses
- 2.3. Protection of plants from diseases and pests
- 2.4. Plant-microbial symbioses
- 2.5. Associative interactions of plants and microorganisms in vivo and in vitro
- 2.6. The role of biotic and abiotic factors

3. Biotechnologies

- 3.1. Biodiversity of flora and fauna
- 3.2. Monitoring and assessment of natural ecosystems
- 3.3. Biologization of crop products

3.4. Industrial ecology and biotechnology of food production

3.5. Economics of ecological and biological development of the agro-industrial complex.

3.6. Biochemical engineering

3.7 Biotechnology and Bioengineering

VVRD 2023 received 204 manuscripts. And 68 applications were accepted by our reviewers. By submitting a paper to VVRD 2023, the authors agreed to the review process and understand that papers undergo a peer-review process.

Manuscripts would be reviewed by appropriately qualified experts in the field selected by the Conference Committee, who would give detailed comments and-if the submission gets accepted-the authors submitted a revised version that considers this feedback. All papers were reviewed using a double-blind review process: authors declare their names and affiliations in the manuscript for the reviewers to see, but reviewers did not know each other's identities, nor did the authors receive information about who has reviewed their manuscript. The Committees invested great efforts in reviewing the papers submitted to the conference and organizing the sessions to enable the participants to gain maximum benefit.

We would like to express our high appreciation to the organizers, members of the program committees and reviewers of VVRD 2023 for their hard work. Without their participation, it would be impossible to hold VVRD 2023 successfully and ensure high quality of papers of the conference proceedings. We also would like to express our gratitude to the unbelievable number of authors for contributing their research results to the Conference.

Special thanks go to team of Web of Conferences. We also hope to meet again in the upcoming conferences.

The Organizing Committees of VVRD 2023