

CURRICULUM VITAE of IVCHENKO TETIANA VOLODYMYRIVNA

Date of birth: 14.04.1966

1. **Education:**

- Kharkiv State V.V. Dokuchaiev Agrarian University, specialty «Scientist Agronomist in Plant Care» (1983-1987)
- Timiryazev Agricultural Academy (Moscow c.) in specialty «Agricultural Biotechnology» (1987-1989)
- postgraduate study at the Institute of Vegetable and Melon growing, Kharkiv (1994 – 1998)

2. **Scientific grade:** - Doctor of Agric. Sc., specialization 201 «Agronomics».



3. **Activity sphere** – agricultural biotechnology in selection and seed growing of vegetable cultures; growing of niche cultures (asparagus, sweet potato)

4. **Work activity:**

Since 1988 and till present – the Institute of Vegetable and Melon growing NAAS (IVM NAAS) at the following posts:

- Junior Scientific Assistant of Biotechnology Laboratory (1988 till 1999).
- Scientific Assistant of Biotechnology Laboratory. (1999 till 2003).
- In 2003 defended Candidate Dissertation (Diploma ДК No. 022141.);
- Head of Genetics, Genetic Resources and Biotechnology Laboratory. (2003–till present)
- In 2016 defended Doctor Dissertation (Diploma ДД No. 006410.);
Expert of MES by the conducting State Attestation of Scientific Institutions in the direction of Agrarian and Agricultural Sciences (since 2019); Expert of the State Agency in Assessment of higher education quality (since 2020).
- In 2022 obtained academic status – Professor in specialty 201 «Agronomics»
- since 2006 participate in training of III-d level of education students in ESP «Agronomics» at the Institute of Vegetable and Melon growing NAAS (IVM NAAS) and in attestation of scientific personnel as an official opponent. During 2016-2021 is a member of Doctor's Specialized Academic Board Д 65.357.01 06.01.05 – «Selection and Seed Growing» and 06.01.06 – «Vegetable Growing», agricultural sciences. Was a member of one-time Boards of dissertation defence for obtaining the grade of Doctor of Philosophy in the knowledge branch of 20 Agrarian sciences and provisions by specialty 201
- Member of editing collegia of interdepartmental thematic scientific digest “Problems of Agro-Industrial Complex of Carpathians» and interdepartmental thematic scientific digest «Vegetable and melon growing».
- And since 2003 was a Scientific Supervisor of 16 projects of the thematic plan of research works at the Institute of Vegetable and Melon growing NAAS:

For the period of work a lot was made by me: Author of vegetable cultures sorts (5), by me was optimized and used in seed growing: method of clone microreproduction of potatoes (1998-2005), strawberries (2006-2010), garlic (2006-2010), sweet potato (2016-2018), honeysuckle (2017-2019), Paulownia (2019-2020). For implementation of scientific innovations under my supervision was realized

business projects in reproduction of valuable genotypes by biotechnological methods, clients of which were farmers and commercial institutions of different property types.

Scientific research results were published in 164 publications, of which 152 scientific works, including patents for invention and scientific researches were published in domestic and international professional editions.

At the present time my activity is focused on researches in substantiation of theoretical aspects of acceleration of selection process by means of usage the cellular technologies *in vitro* and by usage of molecular-genetic markers and solving of the problem of strengthening the selection process and seed growing of traditional sorts and hybrids (tomato, onion, carrot, eggplant, watermelon, pumpkin, garlic) and new (yacón, sweet potato) of vegetable cultures for usage of biotechnological link, agronomical research with niche vegetable cultures such as asparagus and sweet potato. For obtaining the reliable information concerning economical features of asparagus hybrids in our Institute on my own initiative was created the testing ground for hybrids of this culture of the Leading World Selection Centers. Parallel with it are developed the methods of short-term storage of goods production in the refrigeration etc.).

5. Practical study and international cooperation.

Participated in 48 (number) conferences (according to the profile of the specialty).

I had practical study in the following programs: Group Fellowship on "Induce mutation in Solanaceae spp." Turkey, (2010); "Group Fellowship on Mutation Breeding and Supportive Biotechnology - Solanaceae Component", Ankara, Turkey, (2011); «Training Course on Grinhouse Vegetable Cultivation Technology for Asian and European Countries» Jinan, China, (2014). In 2021 studied in the program Uniwersytet Ekonomiczny w Krakowie «New and innovative teaching methods» Poland, in usage of modern methods of teaching, innovative educational technologies in educational process.

Actively implement new scientific approaches among the colleagues and junior scientific personnel. Under my supervision were defended 4 candidate dissertations, 1 postgraduate student is continuing the study. During the period since 2016 till 2018 worked as teacher of Master's program at the Department of Vegetable growing and storage at the Kharkiv State V.V. Dokuchaiev Agrarian University. Since 2016 and till present I am a teacher in educational scientific program «Agronomics» of the third level of higher education at the Institute of Vegetable and Melon growing, Kharkiv in disciplines: «Methodological fundamentals of organization and conducting of scientific researches» and «Seed growing with fundamentals of selection of vegetable and melon cultures», «Agricultural biotechnology in selection and seed growing of vegetable and melon plant types».

6. Personal qualities Initiative, responsible, sociable, easy find non-standard solutions of problem questions.

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