

## RESUME

### Roman Krutko

**Date of Birth:** June 11<sup>th</sup> 1975

**Contact Information:**

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**Education:**

1992 - 1997 – Kharkiv National Agrarian University named after V.V. Dokuchayev, specialty “Breeding and Genetics of Agricultural Crops”

2000 - 2003 – Postgraduate studies at The Institute of Vegetable and Melon Growing of the National Academy of Agrarian Sciences of Ukraine, specialty “Breeding and Seed Production”

2019 - 2021 – Doctoral studies at The Institute of Vegetable and Melon Growing of the National Academy of Agrarian Sciences of Ukraine, specialty “Agronomy”



**Scientific degree:** Candidate of Agricultural Sciences, specialty “Breeding and Seed Production” (2013)

**Scope of Activity:** Selection and Seed Production of Vegetable Crops, Genetic Resources of Vegetable Crops

**Employment:**

1997 - *present* – The Institute of Vegetable and Melon Growing of the National Academy of Agrarian Sciences of Ukraine in the following positions: laboratory assistant, senior laboratory assistant, junior researcher, researcher, senior researcher, head of the laboratory

**Experience in teaching, conducting practical classes and seminars:**

Annual training on improving the qualifications of the agronomic service of the agro-industrial development departments of district state administrations and farms of all forms of ownership of the Kharkiv region (2011 – 2022)

Speeches on the topics “New Varieties and Hybrids of Vegetable Nightshade Plants of the Selection of The Institute of Vegetable and Melon Growing of the National Academy of Agrarian Sciences of Ukraine and the peculiarities of their cultivation”, “Technologies of Cultivation of Nightshade Crops in Conditions of Protected Soil”

Organization and holding of Field Days at The Institute of Vegetable and Melon Growing of the National Academy of Agrarian Sciences of Ukraine: Holiday of the Ukrainian Tomato (2018), Modern Approaches to Growing Niche Vegetable Crops (2019), Breeding Innovations in Vegetable and Melon Growing (2019, 2021).

**Project work experience:**

Organization and implementation of scientific projects on selection of vegetable nightshade crops.

At present, my activity is aimed at the creation of new varieties and hybrids of vegetable crops, the selection of parental components in heterosis selection, the use of information technologies in the selection process.

Author of 7 varieties and 3 hybrids of tomato, 3 varieties and 1 hybrid of sweet pepper, 1 variety and 2 hybrids of eggplant and 1 variety of lettuce.

The results of scientific research are highlighted in 102 publications, including 77 scientific works, including patents for a useful model and scientific works published in domestic and foreign professional publications.

Participated in 27 conferences (by specialty profile). Attended training courses for scientific workers at the Plant Production Institute named after V.YA. Yuriev of the National Academy of Agrarian Sciences of Ukraine in the specialty "Plant Breeding for Immunity to Biotic Factors" (2013), in the specialty "Genetics of Complex Traits and Information Support for Breeding and Genetic Research" (2018), in specialty "Formation, Management, Effective Use of Collections of Genetic Resources of Plants" (2022).

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*Google Academy profile:*

<https://scholar.google.com.ua/citations?user=G3B5qx4AAAAJ&hl=ru>