

Aneliya Katova

PROFFESOR, PHD

SCIENTIFIC INTERESTS:

Plant Breeding, seed production and variety maintenance of perennial forage grasses: perennial ryegrass, tall, meadow and red fescue, crested and standard wheatgrass, smooth brome, etc. for different directions of use (forage and decorative purposes); breeding methods - hybridization, incl. and remote, selection for high productivity, quality and ecological stability, polyploidization, flow cytometry

EDUCATION AND SPECIALTY:

1985 -1990 - Higher education - master's degree - agricultural engineer - Plant and soil protection - VSI - Plovdiv Higher education diploma (No. 012416 / 24.07.1990)

two certificates from the Ministry of Education and Culture - "golden badges for excellent studies" in the course of study at VSI "Vasil Kolarov" - No. 3043/1986 and No. 411/ 1988 - honors of the 1990 graduation.

ACADEMIC CAREER:

- 2017 - Professor
- 2010 -Associate Professor
- 2005 - Ph.D. Dissertation topic "Study of morphological traits, biological properties and agricultural value of plant germplasm of perennial ryegrass (*Lolium perenne* L.) with a view to breeding",Scientific supervisors: Prof. PhD Petar Tomov and Prof. Dr. Erik Van Bockstaele (Belgium)
- 1999 - Assistant first degree
- 1996 - Assistant - second degree
- 1995 - Assistant - third degree

SCIENTIFIC FIELD

6. Agricultural Sciences and Veterinary Medicine
Professional direction: 6.1. Plant production;
Speciality: Plant breeding and seed production

SCIENTIFIC PUBLICATIONS AND CITATIONS :

Total number of scientific publications – over 100;
Confirmed citations in the country and abroad – 149 (h-index 6; Google Scholar)



CONTACT

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LANGUAGES

Bulgarian - Native
English
French
Russian

COPYRIGHTS AND PATENTS:

Author/breeder of:

- Perennial ryegrass variety IFK Harmoniya - № 10846/26.02.2010 (60%)
- Crested wheatgrass variety Svezhina - №10839/26.02.2010 (50%)
- Standard wheatgrass variety Morava - №10840/26.02.2010 (50%)
- Perennial ryegrass variety Tetrany- №1111/26.09.2017 (100%)
- Perennial ryegrass variety Tetramis - №1112/26.09.2017 (100%)
- Author's certificate: Technology for the creation and use of meadows and pastures 2015. Certificate No. 24 of 15.08.2015

GENERAL SCIENTIFIC EXPERIENCE -

27 years



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MAJOR SCIENTIFIC ACHIEVEMENTS:

Author of the first Bulgarian diploid and tetraploid varieties of perennial ryegrass **IFK Harmoniya**, **Tetryny** and **Tetramis**; crested wheatgrass **Svejina** and standard wheatgrass **Morava**, registered in the Official Varietal List of Bulgaria, in the OECD List and in the General European Catalog of Agricultural Crop Varieties.

LONG-TERM STUDY AND SCIENTIFIC EXPERIENCE ABROAD:

- 1995 - 1 week business trip in RvP -Belgium
- 1997 - 1 month specialization in RvP- Belgium
- 2000; 2001; 2002 - 3 month specialization in DvP- Belgium
- 2005, 2007-2 month specialization in ILVO- Belgium
- 2008, 2011 - 10 days business trip in China – HAAS, Harbin
- 2011, 2013, 2019 - 3 days business trip as follows: Krayova, Romania; Brasov, Baloteshty, Romania and Brussels, Belgium - FFA
- 2015 - 10 days business trip in China – HAAS, Harbin; 5 days business trip in Gent, Belgium - Eucarpia

AWARDS

- Diploma from AGRA 2014 for Technology for the creation and use of meadows and pastures;
- SSA honorary plaque for two new varieties of perennial ryegrass - 2017.

NUMBER OF GUIDES AND PARTICIPATION IN SCIENTIFIC PROJECTS AND TASKS:

- International: Leadership – 2, Participation – 10;
- Projects at the Agricultural Academy – Sofia :
 - Leadership – 7, Participation – 10;
- Projects - external organizations : Participation - 6

RESULTS OF ATTESTATIONS:

- Attestation period 2010-2014– „Excellent” evaluation
- Attestation period 2006-2009 – „Excellent” evaluation

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MEMBER AND POSITION IN SCIENTIFIC ORGANIZATIONS AND ASSOCIATIONS:

- 2011-2017 – Scientific Council of IFC - Pleven,
- Joint National Scientific Council of IFC - Pleven, and IZS - Ruse - Chairman
- 2018-2022 – Scientific Council under Grain, Forage, Technical Crops to the AA – Sofia
- Expert Council in Plant Production to AA-Sofia - 2013-2015
- Member of EUCARPIA since 1999; Member of Union of Scientists in Bulgaria - Pleven branch since 2000; Member of the Management Board of the Bulgarian Association for Forage Production and Pasture (BAFPL) since 2000 and re-elected in 2004; Member of the Inter-Regional Co-operative Research and Development Network for Pastures and Fodder Crops (FAO/CIHEAM)
- *Participation in editorial boards:* Bulgarian Journal of Agricultural Science - 2016/2022; Journal of Mountain Agriculture on the Balkans – 2016/2022; Field Crops Studies – 2018/2022
- 2004 - 2008; 2009 - 2014: Scientific Secretary of IFC - Pleven
- 2010 - 2017: Head of the Department "Plant Breeding and Seed Production of Forage Crops" at IFC
- 2014 - 2017: Acting Deputy Director of IFC - Pleven
- 2017 to 2020 - Director of IFC - Pleven.

GUIDES OF SUCCESSFULLY DEFENDED DOCTORAL STUDENTS:

Assistant Zhelyazko Stefanov Valchinkov, PhD