

**Name:** Nadya Stoyanova Mincheva

**Academic status and scientific degree:** Assoc. Prof., Ph.D.

**Scientific field of activity:** Management of poultry genetic resources and maintenance of genetic biodiversity. Development of new parental lines using pure lines from national gene pool and use of sex-linked genes in meat-type chickens. Genetic improvement of production traits in poultry with emphasis on product quality – meat and eggs, genetic basis of heterosis, with application to commercial crossbred poultry breeding programs.

**Curriculum Vitae (CV):** 1995- acquires master's degree by Faculty of Agriculture of the University of Zootechnics and Veterinary Medicine, Stara Zagora, qualification an Engineer of Animal Science. 2006- PhD, Agricultural institute, Stara Zagora, dissertation title "Investigation of the possibilities for creation of hens populations with colored plumage using the existing lines from the gene pool ". 2007 - Assist. Prof. in the Department Poultry Breeding and Selection, Agricultural Institute, StaraZagora. 2015- Associate Professor, Member of the Scientific Council of the Agricultural Institute, StaraZagora.

**e-mail:** [minchevan@yahoo.bg](mailto:minchevan@yahoo.bg)

**Publications for the last five years:**

- 1.**Mincheva, N.**, M. Lalev, M. Oblakova, P. Hristakieva, I. Ivanova, 2012. Investigation on the frequency of alleles at the locus and their effect on the growth of two lines of Plymouth Rock chickens. *Archiva Zootechnica* 15 (1): 69- 75.
- 2.**Mincheva, N.**, M. Lalev, M. Oblakova, P. Hristakieva, I. Ivanova, 2012. Effect of feathering alleles (K/k+) on laying performance, hatchability parameters and some body measurements in two lines of white plymouth rock hens. *Biotechnology in Animal Husbandry* 28 (3): 405- 414.
- 3.Lalev,M., M. Oblakova, P. Hristakieva, **N. Mincheva**, I. Ivanova, 2012. Development of new laying hen lines. I. Growth potential and egg production rate. *Trakia Journal of Sciences* 10 (1): 43- 47.
- 4.Lalev, M., M. Oblakova, **N. Mincheva**, P.Hristakieva, I. Ivanova,2012. Evaluation of productive traits of chicken lines from the national gene pool. *Tarkia J. Sci* 10, 38- 42.
- 5.Lalev, M., **N. Mincheva**, M. Oblakova, P. Hristakieva, I. Ivanova, 2014. Estimation of heterosis, direct and maternal additive effects from crossbreeding experiment involving two White Plymouth Rock lines of chickens *Biotechnology in Animal Husbandry* 30 (1): 103-114.
- 6.Hristakieva, P., **N. Mincheva**, M. Oblakova, M. Lalev, .I Ivanova, 2014. Effect of genotype on production traits in broiler chickens. *Slovak J. Anim. Sci* 47 (1): 19- 24.

7. Teneva, A., V. Gerzilov, M. Lalev, H. Lukanov, **N. Mincheva**, M. Oblakova, P. Petrov, P. Hristakieva, I. Dimitrova, K. Periasamy. 2015. Current status and phenotypic characteristics of Bulgarian poultry genetic resources. *Animal Genetic Resources*, 56: 19- 27.
8. Kaliasheva K., M. Oblakova, P. Hristakieva, **N. Mincheva**, M. Lalev, 2017. Comparative study on morphological qualities of eggs from new auto sexing layer hybrids for free range poultry farming system. *Bulgarian journal of agricultural science*, 23 (4): 609- 616.
9. Oblakova, M., **N. Mincheva**, P. Hristakieva, I. Ivanova, M. Lalev, Sv. Georgieva, 2017. Carcass traits and meat quality of different slow growing and fast growing broiler chickens. *Agricultural Science and Tecnology*, 9 (4): 351-357.
10. Oblakova, M., **N. Mincheva**, P. Hristakieva, St. Ribarski, I. Penchev, I. Ivanova, M. Lalev, 2017. Evaluation of new slow-growing chicken's genotypes. II. Qualitative meat traits. *Macedonian Journal of Animal Science* 7 (1/2): 37-45.