



**Name:** Jivko Asenov Krastanov

**Academic status and scientific degree:** Professor, Dsci

**Scientific field of activity:** Selection, population genetics, reproduction and technologies in large and small ruminants, embryo transfer, breeding value, linear description of animals, estimation of gas emissions, estimation of economic weights, coagulation ability of milk.

**Curriculum Vitae (CV):** He graduated from the Higher Institute of Zootechnics and Veterinary Medicine - Stara Zagora, specialty "Zooengineering" in 1984. Research associate at Stara Zagora Agricultural Institute since 1989, Section "Breeding and technologies in cattle breeding". In 1995 he received his Ph.D. degree and in 1998 he became Associate Professor. In 2006 he defended dissertation for awarding the scientific degree Doctor of Agricultural Sciences with a theme: "Genetic and Economic Factors in the Breeding of the Brown Cattle in Bulgaria". In 2009, he obtained the academic title "Professor" in the scientific specialty "Breeding of Farm Animals, Biology and Biotechnology of Reproduction". Director of Research Institute of Cattle and Sheep Breeding - Stara Zagora- 2000, Director of Institute of animal science - Kostinbrod - 2000-2002. Head of Section "Cattle-breeding" - 1999, 2003- 2008. Head of Department: "Selection, Population Genetics, Reproduction and Technologies in Large and Small Ruminants" at the Agricultural Institute - Stara Zagora. Member of the Specialized Livestock Council - 2001- 2008. Since 2001, he has been a member of the Animal Breeding Editorial Board. National coordinator in 2000-2001 at the Ministry of Agriculture and Forests under the National Focal Point on Genetic Resources in Animal Breeding. Leader of eight successful graduated PhD students. He is the head of a number of international projects, projects at Research fond, projects to the SAA and participates in many of them. Head of "Selection, Population Genetics, Reproduction and Technology in Large and Small Ruminants" Division. Chairman of the Scientific Council of the Agricultural

Institute - Stara Zagora since 2008. There have been published more than 95 scientific papers, the author of breeding programs, more than 50 citations.

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**Publications for the last five years:**

1. Dalvit, C., **J. Krastanov**, F. Maretto, N. Oblakov, T. Angelova, M. Cassandro. **2009**. Monitoring genetic variability of Bulgarian cattle biodiversity. *Ital. J. Anim. Sci.*, vol. 8, 3, 89- 91.
2. Yordanova D., T. Angelova, G. Kalaydjiev, V. Karabashev, N. Oblakov, S. Laleva, M. Cassandro, **J. Krustanov**, N. Palova. Heritability, genetic and phenotypic factors affecting coagulation ability of milk in cows of different breeds /survey/. International Scientific Conference, Union of Scientists - Stara Zagora, Science and technologies: Volume I, 2011.
3. Gergovska Zh., Y. Mitev, T. Angelova, D. Yordanova, **Zh. Krastanov** and K. Uzunova. **2012**. Effect of body condition score at calving on 305-day and test-day milk yield in Holstein-Friesian and Brown Swiss cows. *J. Fac. Vet. Med. Istanbul Univ.* 38 (2), 141-149.
4. Yordanova, Y., T. Angelova, V. Karabashev, G. Kalaydhziev, S. Laleva, M. Cassandro, **J. Krastanov**, N. Oblakov, I. Mehandjiyski . Polymorphism of milk proteins on the Bulgarian phodopa cattle in Bulgaria, 2013. Balkan animal conference. Balnimalcon 2013 /namik kemal universitesi Tekirdag/.
5. Kalaydhziev, G., T. Angelova, D. Yordanova, V. Karabashev, , S. Laleva, M. Cassandro, **J. Krastanov**, N. Oblakov, D. Dimov, **2013**. Allelic and genotypic frequency of B- LACTOGLOBULIN IN the milk of Bulgarian local sheep breeds. Balkan animal conference. Balnimalcon 2013 /namik kemal universitesi Tekirdag/.
6. Yordanova, D., T. Angelova, V. Karabashev, G. Kalaydhziev, S. Laleva, M. Cassandro, F. Maretto, **J. Krastanov**, Y. Popova, N. Oblakov. **2014**. Polymorphism and allelic frequency of CSN1S1 in different cattle breeds in Bulgaria. Kaposvár University, Faculty of Agricultural and Environmental Sciences. Vol. 18, Supl. 1.
7. Angelova, T., D. Yordanova, V. Karabashev, **G. Kalaydhziev**, S. Laleva, M. Cassandro, J. Krastanov, Y. Popova, N. Oblakov, **2014**. Polymorphism and allelic frequency of CSN3 in other widely used and indigenous breeds of cattle raised in Bulgaria. 21 Rencontres Recherches Ruminants, Paris, 266.
8. Angelova, T., D. Yordanova, G. Kalaydjiev, V. Karabashev, M. Cassandro, N. Oblakov, **J. Krastanov**, I. Mehandjiiski, **2014**. Phenotypic characteristics of the individual parameters of coagulation ability in indigenous cows from Iskar and

Rhodope Short-Horned cattle breed in Bulgaria. LXVIII Convegno Nazionale S.I.S.Vet, Convegno SICV, XI Convegno AIPVet e XII Convegno SIRA.

9. Kalaydzhiev, G., T. Angelova, D. Yordanova, V. Karabashev, S. Laleva, M. Cassandro, **J. Krastanov**, N. Oblakov, D. Dimov, **2014**. D - allele" frequencies in milk  $\alpha$ -s1 casein from Bulgarian local sheep breeds. LXVIII Convegno Nazionale S.I.S.Vet, Convegno SICV, XI Convegno AIPVet e XII Convegno SIRA.

10. Попова, Й., П. Славова, С. Лалева, Д. Йорданова, Т. Ангелова, **Ж. Кръстанов**, В. Карабашев. **2015**. Икономическа оценка на хормонална схема за индуциране на еструс и стимулиране на овулацията при овце от Тракийската тънкорунна порода. Животновъдни науки, 3, 26- 30.

11. Popova, Y., S. Slavova, S. Laleva, D. Yordanova, T. Angelova, P. Slavova, **J. Krastanov**. **2015**. Economic efficiency of breeding dairy sheep in the mountain and hilly regions of Bulgaria. Biotechnology in animal husbandry, №3, 425- 432.

12. Mikosz, M., M. Dymacz, K. , P. Moskała ,P., Z.Palkova, J. Gaduš, R. Pana, A. Micu, **J. Krastanov**, T. Angelova, St. Laleva, Y. Popova, G. Giorgakis, M. Ivanovic, **2015**. Agrobiogas as an alternative source of energy in rural areas, с. 228.

13. Angelova, T., D. Yordanova, **J. Krastanov**, D. Miteva, G. Kalaydzhiev, V. Karabashev, M. Mihaylova, P. Marutsov, N. Ivanov. **2017**. Quantitative and qualitative changes in milk yield and cheese-making properties of milk in cows vaccinated against lumpy skin disease. Institute of animal science. Skopje-Macedonia. VII International symposium of livestock production- 14-16 september, 2017.

14. Videv, E., **J. Krastanov**, S. Laleva, T. Angelova, M. Oblakova, N. Oblakov, D. Yordanova, V. Karabashev, **2017**. In vitro gas production of different feeds and feed ingredients at ruminants. Agricultural Science and Technology, Volume 9, Number 2, p. 106-109, June 2017.

15. **Jivko Krastanov**, Nevyana Stancheva, Teodora Angelova, Georgi Kalaydzhiev, Stayka Laleva and Daniela Yordanova, **2018**. Genetic Parameters of Milk Yield in Bulgarian Dairy Synthetic Population Sheep. Int.J.Curr.Res.Aca.Rev.2018; 6(4).

16. Vladimir Karabashev, Teodora Angelova, Daniela Yordanova, Georgi Kalaydzhiev and **Jivko Krastanov**, **2018**. Interrelationships between Composition and Coagulation Properties of Milk from Bulgarian Murrah Buffaloes. Int.J.Curr.Res.Aca.Rev. 2018; 6(5).