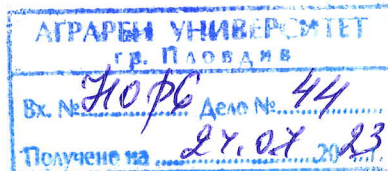


# OPINION



regarding the competition for the academic position of "Associate Professor" in the area of higher education 6. "Agricultural sciences and veterinary medicine", professional field 6.3 "Animal breeding", scientific specialty "Sericulture", announced in the State Gazette, issue 30/04.04.2023, with candidate **Chief Assoc. Prof. Dr. Krasimira Lyubenova Avramova**.

by Prof. Dr. Plamen Pavlov Petrov, area of higher education 6. "Agricultural sciences and veterinary medicine", professional field 6.3 "Animal breeding", scientific specialty "Beekeeping" appointed as a member of the Scientific Jury in accordance with Order No. RD 16-650/01.06.2023 of the Rector of the Agricultural University – Plovdiv

## 1. Brief introduction of the candidate.

**Chief Assist. Prof. Dr. Krasimira Avramova** was born on October 29, 1983, in Dupnitsa. She completed her higher education at the Agricultural University - Plovdiv, obtaining a Bachelor's degree in "Agronomy (General Agronomy)" (2006), a Master's degree in "Sustainable Land Management" (2007), and a PhD degree in the scientific specialty of "Sericulture" (2011). She obtained a qualification in "Professional Pedagogy" (2005) from the Centre of Continuing Education at Agricultural University - Plovdiv. Since 2011, she has been a lecturer at the Department of Animal Sciences at Agricultural University - Plovdiv, progressively holding the academic positions of assistant (2011-2013) and chief associate professor (since 2013). Chief Assoc. Prof. Avramova speaks English, has good computer literacy, and has completed various qualifications and courses, including a qualification in "Game Management" (2014) at the University of Forestry - Sofia, a specialization in "Sericulture" in Padua, Italy (2009), and a course in "Organic Farming" (2012).

Chief Assoc. Prof. Avramova has served as Director of the "Educational-Information Centre" at the Agricultural University and is a member of the University's Quality Commission.

## 2. General Description of Scientific Production

In the competition for the position of "Associate Professor", Chief Assoc. Prof. Krasimira Avramova participates with a total of 30 works, grouped as follows:

- ❖ *Scientific publications in the nomenclature specialty - 30 in total, including:*
  - *Publications related to the doctoral dissertation - 4, which are not subject to review for the purpose of the current opinion;*
  - *Publications with impact factor - 3;*
  - *Publications in peer-reviewed and refereed scientific journals - 13;*
  - *Publications in conference proceedings - 10.*

The personal contribution of Chief Assoc. Prof. Krasimira Avramova in the mentioned 26 works is illustrated by the fact that she is the sole author in 4, the first author in 6, the second author in 5, and the third and subsequent author in the remaining 11.



All articles in which Chief Assoc. Prof. Avramova is the sole author, and 4 articles of which she is the first author, have been published in journals referenced in globally renowned databases.

*A total of 26 works are evaluated for the purpose of preparing the current opinion.*

### **3. Teaching activity.**

Chief Assoc. Prof. Avramova has 11 years and 9 months of teaching experience. She delivers lectures and exercises on the subjects of Rabbit Breeding, Wildlife Management, Hunting Tourism and Hunting Tourism and Hunting Farms to students in Bachelor's and Master's degree programs. Chief Assoc. Prof. Avramova is the author of 10 educational programs, 4 of which are in the field of the current competition. She has supervised 23 graduates, including 3 in Bachelor's degree programs and 20 in Master's degree programs. She is a co-author of Exercise Manual on "Sericulture". According to the provided reference, the volume of her teaching work in the last 5 years is ca. 636 hours per year (compared to the norm of 360 hours), including 222 hours of lectures.

In addition to direct teaching responsibilities, Chief Assoc. Prof. Avramova is engaged in various other educational and public activities, actively participating in different projects such as measure 1 Knowledge transfer and information actions, sub-measure 1.1 "Vocational Training and Skills Acquisition" under the Rural Development Program for the period 2014-2020, Cross-Border Cooperation Bulgaria – Greece "Establishment of a Training Center for Practical Training of Students in the Professional Directions of Crop Science and Plant Protection at the Agricultural University – Plovdiv" under the Operational Program "Regions in Growth" 2014-2020, "Introduction of Electronic Forms for Distance Learning at the Agricultural University – Plovdiv", "Changes in the biological characteristics of Silkworm (*Bombyx mori* L.) caused by feeds collected from areas with high heavy metal content in the soils" at the University of Forestry - Sofia, "Building Key Competences and Folk High School Pedagogy in XXI Europe", "Support for the Development of PhD Students in the Scientific Field of Agricultural Sciences and Related Scientific Specialties" under the Operational Program "Human Resources Development".

### **4. Research activity.**

#### *Areas of publication*

The publications presented by Chief Assoc. Prof. Avramova are entirely in the field of the scientific specialty for which the competition is being conducted. The main scientific directions she works on include: studying the characteristics of newly created hybrids and lines, breeds of different origins, and their productivity; analyzing genetically determined polymorphism in different breeds based on isoenzyme markers, including testing them under different rearing conditions; studying the possibilities of using artificial diet in the rearing of the silkworm and developing technology for it; the effect of various ecological factors, including heavy metals and insecticides, on pupation ratio, duration of instar, productivity, etc.; investigating the content of nutritional and bioactive components in the leaves of different mulberry varieties, and others.

*In the competition for the academic position of Associate Professor, Chief Assoc. Prof. Krasimira Avramova participates with the following:*

**Group A:** The candidate defended a doctoral dissertation titled "Opportunities for Year-round Supply of Silkworm Seeds from the Silkworm *Bombyx mori* L." - **50** points.

**Group B:** Chief Assoc. Prof. Dr. Avramova is a co-author of 10 publications in journals that are referenced and indexed in globally renowned databases - **168.6** points, exceeding the required 100.

**Group C:** The candidate presented a published book based on her defended dissertation work and 16 scientific publications, of which 6 are in publications that are referenced and indexed in journals referenced in globally renowned databases. The total score obtained by the candidate in this group of indicators is **217.47** points, exceeding the required 200.

**Group D:** Assoc. Prof. Avramova provided information on 11 citations - a total of **75** points, exceeding the required 50.

**Group E:** The candidate is a co-author of the "Exercise Manual on Sericulture" - **5** points.

**In conclusion and with regards to all indicators from Groups A to E, the candidate meets the requirements according to the Law on the Development of the Academic Staff in the Republic of Bulgaria, Article 2b, the Regulations for the Application of the Law on the Development of the Academic Staff in the Republic of Bulgaria, and the Rules of the Agricultural University, for the appointment to the academic position of "Associate Professor" in the field of higher education: 6. "Agricultural Sciences and Veterinary Medicine", professional field 6.3 "Animal breeding.**

Chief Assoc. Prof. Avramova has indicated participation in **2 scientific projects**, but in the autobiography, she has mentioned participation in a greater number of research projects.

## **5. Remarks and Recommendations.**

1. For participation in the competition, Chief Assoc. Prof. Avramova has submitted 3 lists of scientific publications, two of which are duplications. Not to mention the varying number of publications in different categories.
2. The provided reference regarding contributions, and their formulation, does not provide precise information about the candidate's contributions to scientific activities, and from the presented scientific publications, it is evident that those could be classified in different scientific directions.
3. The list of abstracts requires a precise reading and refinement of the terminology in Bulgarian.

## **6. Conclusion.**

Based on the evaluation of the candidate's pedagogical, scientific, and research activities, I believe that Chief Assoc. Prof. Dr. Krasimira Avramova meets the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Application of the Law on the Development of the Academic Staff in the Republic of Bulgaria, and the Rules of the Agricultural University for its implementation. Throughout her professional development, she has established herself as a competent professional, both as a teacher and researcher in the field of Sericulture.



All of this gives me grounds to evaluate her overall activity **POSITIVELY**. I allow myself to propose to the esteemed Scientific Jury to also vote positively, and for the Faculty Council of the Faculty of Agronomy at the Agricultural University - Plovdiv to elect **Chief Assoc. Prof. Dr. Krasimira Avramova** as an **“Associate Professor”** in the field of higher education: 6. “Agricultural Sciences and Veterinary Medicine”, professional field 6.3 “Animal breeding”, scientific specialty “Sericulture”.

Date: 10.07.2023  
Plovdiv

**PREPARED**  
**THE OPINION:**.....  
(Prof. Dr. Plamen Petrov)

