



AGRICULTURAL UNIVERSITY - PLOVDIV
FACULTY OF AGRONOMY „ST. DIMITAR
SOLUNSKY“

EVALUATION REPORT

From: Professor DrSci Dimo Stefanov Penkov; Agricultural University – Plovdiv, scientific specialty “Domestic animal nutrition and technology of the fodders”

Subject: Competition for “Associate Professor” in “Poultry breeding”, professional direction Animal sciences in the field of Agricultural Sciences and Veterinary Medicine

COMPETITION FOR ASSOCIATE PROFESSOR IN THE SCIENTIFIC SPECIALTY "PIG BREEDING" PROFESSIONAL DIRECTION 6.3. "ANIMAL PRODUCTION", AREA OF HIGHER EDUCATION 6. "AGRICULTURAL SCIENCES AND VETERINARY MEDICINE", ANNOUNCED BY THE AGRICULTURAL UNIVERSITY - PLOVDIV

1. INFORMATION ABOUT THE COMPETITION

THE COMPETITION IS ANNOUNCED, FOR THE NEEDS OF THE FACULTY OF AGRONOMY OF THE AGRICULTURAL UNIVERSITY, IN SN No. 65/8.8.2025.

I PARTICIPATE IN THE COMPETITION SCIENTIFIC JURY IN ACCORDANCE WITH ORDER No. RD16-1037/10.10.2025 OF THE RECTOR OF THE AU.

2. ONLY ONE CANDIDATE: CHIEF ASSISTANT PROFESSOR, DR. IVELINA ASENOVA ZAPRYANOVA, DEPARTMENT OF ANIMAL SCIENCES, FACULTY OF AGRONOMY, AGRICULTURAL UNIVERSITY – PLOVDIV (AU). SHE WAS BORN ON 6.3.1974. SHE COMPLETED SECONDARY EDUCATION AT THE “IVAN VAZOV” HIGH SCHOOL – PLOVDIV IN 1992. IN 1997 SHE ACQUIRES A MASTER’S DEGREE IN ZOO ENGINEERING IN AGRICULTURAL FACULTY AT THE TRU – STARA ZAGORA. DEFENDED DOCTORAL THESIS IN THE DEPARTMENT OF ANIMAL SCIENCES AT THE FACULTY OF AGRONOMY (AF) AT THE AU IN 2012. SINCE 1998, HE HAS WORKED IN THE DEPARTMENT OF ANIMAL SCIENCES AT THE AU PLOVDIV, CONSEQUENTIALLY AS A SPECIALIST, ASSISTANT AND CHIEF ASSISTANT PROFESSOR, WITH A TOTAL AND TEACHING EXPERIENCE OF OVER 25 YEARS.

3. FULFILMENT OF THE REQUIREMENTS FOR ACCEPTING ACADEMIC POSITION

IN THE REVIEW OF SCIENTIFIC ACTIVITY, I INCLUDE ONLY ARTICLES EXCEPT THOSE PUBLISHED AFTER THE PHD-PROMDVATION.

3.1. FULFILMENT OF THE REQUIREMENTS UNDER ANNEX 8.1. OF THE RULES OF RALDASRB AND RALDASAU-PLOVDIV:

- INDICATORS GROUP A: SUCCESSFULLY DEFENDED PHD THESIS, TOPIC: "EFFECT OF THE USE OF PLANT EXTRACTS ON THE PRODUCTIVE INDICATORS IN PIGS". YEAR OF DEFENSE: 2012. 50 POINTS ARE RECOGNISED OF 50 REQUIRED.

- INDICATORS GROUP B: CO-AUTHOR IN 10 ARTICLES REFERRED TO IN WORLD DATABASES (CAB-ABSTRACTS, SCOPUS, WEB OF SCIENCE). 238.3 POINTS ARE RECOGNISED WITH A MINIMUM REQUIRED OF 100.

- INDICATORS GROUP D

D.7. ARTICLES AND REPORTS PUBLISHED IN SCIENTIFIC JOURNALS, REFERENCED AND INDEXED IN GLOBAL WORLD- DATABASES WITH SCIENTIFIC INFORMATION: AUTHOR AND CO-AUTHOR IN 10 ARTICLES, ON THE BASIS OF CO-AUTHORS AND SEPARATION PROTOCOLS - 210 POINTS ARE RECOGNIZED.

D.8. ARTICLES AND REPORTS PUBLISHED IN NON-REFERENCED JOURNALS WITH SCIENTIFIC REVIEW OR PUBLISHED IN EDITED COLLECTIVE VOLUMES: AUTHOR AND CO-AUTHOR IN 5 ARTICLES, ON THE BASIS OF CO-AUTHORS AND DIVISION PROTOCOLS - 28.3 POINTS ARE RECOGNIZED.

TOTAL RECOGNIZED POINTS – 238.3 WITH A MINIMUM REQUIRED 200.

- INDICATORS GROUP E

E.13. CITATIONS OR REVIEWS IN SCIENTIFIC PUBLICATIONS, REFERRED AND INDEXED IN GLOBAL WORLD DATABASES WITH SCIENTIFIC INFORMATION OR IN MONOGRAPHS AND COLLECTIVE VOLUMES: A TOTAL OF 5 PUBLICATIONS ARE RECOGNIZED (IN 1 OF WHICH THE CANDIDATE IS THE SOLE AUTHOR) CITED IN A TOTAL OF 8 PUBLICATIONS, REFERRED IN SCOPUS AND WEB OF SCIENCE.

120 POINTS ARE RECOGNIZED WITH A MINIMUM REQUIRED OF 50.

TOTAL NUMBER OF POINTS – 646.6

ADDITIONAL SCIENTIFIC ADVANTAGES:

- FOUR OF THE ARTICLES WITH THE CANDIDATE'S PARTICIPATION ARE IN JOURNALS WITH IF/SJR.

- FOR THE PERIOD AFTER THE ACQUISITION OF AD "CHIEF ASSISTANT PROFESSOR", DR. ZAPRYANOVA IS THE HEAD OF 1 SCIENTIFIC PROJECT, FINANCED BY THE SCIENTIFIC FUND OF AU WITH THE TITLE "OPPORTUNITIES FOR THE USE OF UNMANNED AERIAL VEHICLES IN ASSESSING THE BEHAVIOR OF PIGS".

NO PLAGIARISM WAS FOUND DURING THE INQUIRY FOR PLAGIARISM.

CONCLUSION: THE CANDIDATE FULFILLS THE MINIMUM REQUIREMENTS FOR THE ACADEMIC POSITION "ASSOCIATE PROFESSOR" ACCORDING TO ANNEX 8.1 OF THE RALDASRB AND RALDASAU-PLOVDIV. THERE IS NO ACTUAL FAILURE TO FULFIL SOME REQUIREMENTS, BOTH BY GROUP AND IN TERMS OF TOTAL NUMBER OF POINTS.

4. EVALUATION OF THE CANDIDATE'S SCIENTIFIC-TEACHING ACTIVITY:

DR. ZAPRYANOVA'S AVERAGE ANNUAL TEACHING LOAD FOR THE LAST 5 YEARS IS OVER 480 HOURS.

FOR MORE THAN 10 YEARS, DR. ZAPRYANOVA HAS BEEN DETERMINED TO CONDUCT LECTURE COURSES EVERY YEAR:

IN THE BACHELOR'S DEGREE:

- ANIMAL PRODUCTION (FOR SPECIALTIES OF PS, RB, EEP)

- PIG BREEDING (FOR SPECIALTIES OF ZOOENGINEERING, ZOOENGINEERING WITH INFORMATION TECHNOLOGIES, SELECTION AND SEMEN PRODUCTION, AGRIBUSINESS)
- TECHNOLOGY OF MEAT AND MEAT PRODUCTS (FOR SPECIALTIES OF ZOOENGINEERING, ZOOENGINEERING WITH INFORMATION TECHNOLOGIES)
- BIOLOGICAL BASIS OF PIG BREEDING AND TECHNOLOGIES OF PIG BREEDING (FOR SPECIALTY ZOOENGINEERING)
- BIOLOGICAL BASIS OF ANIMAL PRODUCTION (FOR SPECIALTY AGRONOMY ARABLE PRODUCTION)

IN THE MASTER'S DEGREE:

- BASIS OF PIG BREEDING (FOR MK "SRDA", "MANAGEMENT OF SYSTEMS FOR PRODUCTION OF SAFE AND QUALITY FOOD")
- BREEDING PROGRAMS IN PIG BREEDING (FOR MK "SRDA")
- BIOTECHNOLOGIES OF REPRODUCTION IN PIG BREEDING (FOR MK "SRDA")
- CONSERVATION OF GENETIC RESOURCES IN PIG BREEDING (FOR MK "SRDA")

DR. ZAPRYANOVA WAS A SCIENTIST SUPERVISOR OF 8 SUCCESSFULLY DEFENDED DIPLOMAS – 3 IN BACHELOR'S DEGREE AND 5 IN MASTER'S DEGREE.

THE ABOVE OBTAINED GIVES ME GROUND TO CONCLUSION THAT ASSOC. PROF. IVELINA ZAPRYANOVA IS A TEACHER WITH EXPERIENCE AND SUFFICIENT SKILLS IN THE FIELD OF NOT ONLY PIG BREEDING, BUT ALSO IN GENERAL LIVESTOCK.

I CONSIDER THAT THE CANDIDATE FULLY MEET THE REQUIREMENTS FOR TEACHING EXPERIENCE AND PREPAREDNESS FOR ACCOMPLISHING THE ACADEMIC POSITION.

ADDITIONAL SKILLS: GOOD PROFICIENCY OF ENGLISH, COMPUTER SKILLS - WORD, EXCEL, INTERNET APPLICATIONS, COMPLETED PEDAGOGICAL COURSE FOR TEACHERS IN SECONDARY AGRICULTURAL SCHOOLS IN THE REPUBLIC OF BULGARIA.

5. BRIEF DESCRIPTION OF THE SUBMITTED SCIENTIFIC PAPERS/PUBLISHERMENTS

THE SUBMITTED SCIENTIFIC PUBLICATIONS ARE ENTIRELY IN THE FIELD OF PIG BREEDING, PROVIDING ORIGINAL INFORMATION AND SUBSTANTIAL CONTRIBUTIONS IN THE FOLLOWING MAIN AREAS:

- BIOLOGICALLY ACTIVE SUBSTANCES IN THE NUTRITION OF PIGS AND THEIR INFLUENCE ON PRODUCTIVITY – PUBLICATIONS B10, D14, D15, D16
- RESEARCH ON REPRODUCTIVE INDICATORS IN PIGS – D11, D12, D13, D20, D21, D22, D23, D24.
- RESEARCH ON THE STATUS OF PIG FARMING IN BULGARIA – G17, G18, G25.
- ECOLOGICAL AND BEHAVIORAL ASPECTS IN PIG FARMING, ZOOHYGIENIC PARAMETERS IN PIG FARMING PREMISES AND HABITATS AND THEIR INFLUENCE ON BASIC PHYSIOLOGICAL AND BIOCHEMICAL INDICATORS – B1, B2, B5, B6, B7, B8

I DISCLOSE THE FOLLOWING GENERALIZED CONTRIBUTIONS IN THE AREAS OF:

- USE OF PRIMITIVE BREEDS (EASTERN BALKAN PIG AND MANGALITSA) IN BULGARIAN PIG FARMING IN THE CONTEXT OF SUSTAINABLE PIG FARMING
- OPTIMIZATION OF PIG HUSBANDRY CONDITIONS AND ITS INFLUENCE ON BASIC PHYSIOLOGICAL AND BIOCHEMICAL INDICATORS, AS WELL AS BEHAVIORAL REACTIONS OF ANIMALS.
- THE USE OF ALTERNATIVES TO NUTRITIONAL ANTIBIOTICS, BIOLOGICALLY ACTIVE SUBSTANCES IN THE FEEDING OF PIGS AND THEIR INFLUENCE ON PRODUCTION INDICATORS.
- STATUS OF PIG FARMING IN BULGARIA AND PROPOSALS FOR OVERCOMING THE PROBLEMS IN THE SECTOR.
- STUDIES ON REPRODUCTIVE INDICATORS IN PIGS AND PROPOSALS FOR THEIR IMPROVEMENT

6. SYNTHESISED ASSESSMENT OF THE CANDIDATE'S MAIN SCIENTIFIC AND SCIENTIFIC-APPLIED CONTRIBUTIONS

THE ABOVE-MENTIONED CONTRIBUTIONS AFFECT CURRENT SCIENTIFIC AND APPLIED DIRECTIONS IN PIG BREEDING IN BULGARIA. IT CLEARLY APPEARS FROM THEM THAT THE CANDIDATE FOR AD "ASSOCIATE PROFESSOR" HAS BUILT A SOLID SCIENTIFIC CAREER AND IS CLEARLY RECOGNISABLE IN SCIENTIFIC PUBLICITY.

CONCLUSION:

ADVANCED SCIENTIFIC PRODUCTION IN THE FIELD OF PIG BREEDING. MODERN AND CURRENT TOPICS OF DEVELOPMENT. SERIOUS SCIENTIFIC AND APPLIED CONTRIBUTIONS. CITATIONS OF SCIENTIFIC PRODUCTION IN REPUTABLE SCIENTIFIC PUBLICATIONS.

7. MAIN CRITICAL NOTES AND RECOMMENDATIONS

- I HAVE NO CRITICAL NOTES. I THINK THAT THE CANDIDATE HAS SCIENTIFIC POTENTIAL AND I RECOMMEND THAT SHE STRIVE TO WRITE MORE INDEPENDENT ARTICLES IN REFERRED AND INDEXED JOURNALS IN WORLD DATABASES.

8. GENERAL CONCLUSION

THE ONLY CANDIDATE UNDER THE ANNOUNCED COMPETITION COVERS, IN MOST CASES EXCEEDS THE MINIMUM REQUIREMENTS FOR THE ACADEMIC POSITION OF "ASSOCIATE PROFESSOR". THERE ARE NO SIGNIFICANT OMISSIONS IN THE COMPLETING AND SUBMISSION OF THE INFORMATION/DOCUMENTS FOR THE COMPETITION. I RECOMMEND TO THE HONORABLE SCIENTIFIC JURY TO VOTE POSITIVELY, AND TO THE FACULTY COUNCIL OF THE FACULTY OF AGRONOMY AT THE AGRICULTURAL UNIVERSITY - PLOVDIV, TO ELECT DR. IVELINA ASENOVA ZAPRYANOVA TO THE ACADEMIC POSITION OF "ASSOCIATE PROFESSOR". PLOVDIV,

15.11.2025

SIGNATURE:


(Prof. Dimo Penkov)