

Statement

made by

Assoc. Prof. Dr. Atanas Georgiev Baltadjiev, MD, PhD

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of the materials submitted for participation in the contest to occupy the academic position "Professor" of Plovdiv University "Paisiy Hilendarski".

field of higher education 4. Natural sciences, mathematics, and informatics.

professional direction 4.3 Biological Sciences (Morphology).

In the contest for "Professor", announced in the ДБ, no. 92 of 18.11.2022 and on the website of Plovdiv University "Paisii Hilendarski" for the needs of the Department "Developmental Biology" at the "Faculty of Biology", as a candidate, Associate Professor Dr. Elenka Stoilova Georgieva, PhD from Department "Developmental Biology".

1. General presentation of the procedure and the candidate/s

By order No. ПД-21-331 of February 15, 2023 of the Rector of the University of Plovdiv "Paisii Hilendarski" (PU), I have been appointed as a member of the scientific jury of a competition for the academic position of 'professor' in the PU in the field of higher education 4. Natural sciences, mathematics and informatics, professional direction 4.3 Biological sciences (Morphology), announced for the needs of the Department of Developmental Biology at the Faculty of Biology.

Only one applicant submitted documents for participation in the announced contest:

Associate Professor Dr. Elenka Stoilova Georgieva, PhD

Department of "Developmental Biology" at the "Faculty of Biology" of the PU- "Paisii Hilendarski".

The set of paper and electronic materials presented by Assoc. Prof. Elenka Stoilova Georgieva, is in accordance with the Regulations for the Development of the Academic Staff of the PU.

The applicant Assoc. Prof. Elenka Stoilova Georgieva has submitted a total of 47 scientific publications, 1 monograph, 1 book chapter, 3 textbooks, a textbook supplement, and a list of 14 research projects. 47 scientific publications are accepted for review, which are outside the dissertation and are counted in the final evaluation, 1 study supplement and 14 research projects.

2. Brief biography

Elenka Stoilova Georgieva was appointed as a prof. assistant at the Faculty of Biology of Paisii Hilendarski University in the Department of General Biology in 1994. He successively held the positions: senior assistant and chief assistant. In 2005 acquires ESD "Doctor". She has occupied the position of Associate Professor since 2010 and has been the head of the Department of Developmental Biology at the Faculty of Biology of University of Plovdiv "Paisii Hilendarski" recently.

2. General characteristics of the applicant's scientific activity

Assessment of educational and pedagogical activity

Assoc. Prof. E. Georgieva submitted a report with 4122 academic hours of teaching activity in the last 6 years (2017-23). It has included conducting lectures, exercises, and seminars both in PU and its branches. These data repeatedly exceed the required annual hours for the academic position held.

Evaluation of the candidate's scientific and scientific-applied activity

Assoc. Prof. E. Georgieva submitted 47 scientific papers that were not used in the procedures for acquiring the ESD "Doctor" as well as for occupying the academic positions of chief assistant and associate professor.

Group of indicators "A": PhD thesis for the acquisition of ESD "Doctor" on the topic "Evolutionary aspects in the appearance and cell-tissue localization of blood group antigens A and B in vertebrates". 50p.

Group of indicators "B" Habilitation thesis or monograph

"Application of the dietary supplement PAPA in men with sub/infertility and in men with varicocele." FastPrintBooks Publishing. ISBN 978-619-411-3, 282 pp. 100p.

Group of indicators "Г"

7. Scientific publications referenced by Scopus and Web of Science

The candidate submitted a total of 24 publications distributed in the following categories: Q1-4 ns., Q2-3 ns., Q3- 8 ns., Q4- 9 ns. 388p.

8. Published book chapter or collective monograph.

The candidate submitted "Ecological status of Topolnitsa river catchment area and Topolnitsa Dam" Proceeding of the 50th Anniversary Conference "Biological Science of Better Future." University of Plovdiv "Paisii Hilendarski" Press, 267-280, ISBN 1312-050X. 15p.

Total 403p.

Group of indicators "Д"

11. Citations in scientific publications, monographs, collective volumes and patents referenced and indexed in world-famous databases with scientific information (Scopus and Web of Science)

The candidate presents a total of 407 citations, 352 of them in journals referenced by Scopus and Web of Science. The total number of points for this indicator is 704.

Group of indicators "Е"

13. Successfully defended dissertations of PhD- students

Assoc. Prof. E. Georgieva was a scientific supervisor of 4 successfully defended doctoral thesis students. 125 p.

14. Participation in a national scientific or educational project.

The candidate has participated in 14 research projects, 4 of them were national. 40p.

18. Attracted project funds

Funds raised for projects amount to a total of BGN 106,000. 21.2p.

19. Published university textbook or textbook used in the schools.

Assoc.Prof. E. Georgieva is the author of 2 textbooks: "General Histology" 2022, ISBN 978-619-202-812-1 and "General Pathology" 2022, ISBN 978-619-202-813-8. 80p.

20. Published university textbook supplement or textbook supplement used in the schools.

"Handbook of General Embryology" 2022, ISBN 978-619-202-816-9.

20p.

The total number of points under indicator group "E" amounts to 286.2p.

The total number of points of all groups of indicators amounts to 1543.2 points, while a required minimum is 600 points.

The contributions of the submitted materials for participation in the competition can be distributed in the following rubrics.

1. Contributions regarding the application of a multi-biomarker approach to the analysis of changes in the gills and liver in representatives of the Cyprinidae fish family under the influence of toxicants.
2. Contributions to the evaluation of leptin, nerve growth factor and adiponectin expression in women with metabolic syndrome.
3. Contributions to analyzing ghrelin as an ontogenetic factor and gastrointestinal hormone in the prenatal and postnatal period in rats.
4. Contributions related to the relationship between flow-mediated vasodilatation and some biomarkers of endothelial activation in patients with prehypertension.
5. Contributions to the study of mussels as good bioindicators in toxicological studies and integrated monitoring programs.
6. Contributions related to the application of nutritional supplements to improve sperm status in infertile men and men with varicocelelectomy.
7. Contributions in the field of osteoarthritis related to the study of serum leptin and resistin levels and establishing the effect of certain drugs in mice with collagenase-induced osteoarthritis.
8. Contributions in the field of educational activity.

4. Assessment of the candidate's personal contribution

After detailed research, I have found that Associate Professor E. Georgieva made a major contribution to the preparation of the above-described publications. The sum of the points of the candidate's scientific activity exceeds more than twice the minimum number of points for occupying the academic position "professor" according to the Academic Staff Development Law in the Republic of Bulgaria. Assoc. Prof. Georgieva very carefully accurately prepared all

the documents necessary for the competition. She also presented a list of publications from previous procedures that were correctly not included in the current competition. I found that Assoc. Prof. E. Georgieva has a H-factor value = 11 according to Scopus, which is a recognition of her impeccable scientific authority.

3. Critical remarks and recommendations

I have no critical notes and recommendations.

CONCLUSION

The documents and materials submitted by Elenka Stoilova Georgieva meet all the requirements of the Academic Staff Development Law of the Republic of Bulgaria (ASDLRB), the Regulations for the Implementation of the ASDLRB and the relevant Regulations of PU "Paisii Hilendarski".

The candidate in the competition has submitted a sufficient number of scientific works published after the materials used in the defense of the ESD "Doctor" and acquisition of the academic position "Associate Professor". The candidate's works contain original scientific and applied contributions that have received international recognition, a representative part of which has been published in journals and scientific collections issued by international academic publishing houses. The theoretical developments have practical applicability, and some of them are directly oriented to the academic work. The scientific and teaching qualifications of Elenka Stoilova Georgieva are unquestionable.

The results achieved by Elenka Stoilova Georgieva in the educational and scientific research activities fully correspond to the minimum national and additional requirements of the Faculty of Biology, adopted in connection with the Rules of the PU for the application of the ASDLRB.

After getting acquainted with the materials and scientific works presented in the competition, analyzing their significance and the scientific, scientific-applied and applied contributions contained in them, I find it reasonable to give my positive assessment and to recommend the Scientific Jury to prepare a report-proposal to the Faculty Council of the Faculty of Biology for the selection of Assoc. Prof. Elenka Stoilova Georgieva, for the academic position "Professor" at PU "Paisii Hilendarski" in: field of higher education 4. Natural sciences, mathematics and informatics, professional direction 4.3 Biological Sciences (Morphology).

08.03. 2023 г.

Written by:

Assoc. Prof. Dr. Atanas Georgiev Baltadjiev, PhD, MD