

OPINION

by Assoc. Prof. Nora Angelova Angelova
about the competition for acquiring the academic position of
"Associate Professor"
at the "Prof. Dr. Asen Zlatarov" - Burgas,
in the field of higher education: 4. Natural Sciences, Mathematics and
Informatics; professional field 4.6. Informatics and Computer Science;
scientific specialty "Informatics (Information modelling of service networks)",
announced in the Bulgarian State Gazette No. 105/ 11.12.2020

The only candidate in the competition is Sen. Assistant Prof. Velichka Nikolova Traneva,
PhD.

1. Short biographical data

From the presented professional autobiography of the candidate, it is evident that Velichka Traneva was born on September 12, 1972. In 2000 she acquired a master degree in finance at the National and World Economy (UNWE). Between 2012 and 2017, she was a Assistant at the "Prof. dr Asen Zlatarov" – Burgas, scientific field "Natural Sciences", department of Informatics and Computer Science. In 2017 she accomplished her PhD degree in Informatics at the Institute of Biophysics and Biomedical Engineering of the Bulgarian Academy of Sciences. From 2017 until now he has occupied the position of Sen. Assistant Professor at IMI-BAS.

2. Scientific publications

A list of all publications and a list of all citations of the candidate are not presented.

3. Summary of the scientific contributions

According to the presented "Summary of the publications" and "Summary of the scientific contributions in the publications for participation in the competition", Velichka Traneva takes part in the competition with:

- a monograph (group B – 100 points);
- three chapters of a co-authored monograph (group G – 20 т.);
- 11 more scientific publications, of which:
 - One paper with IF (group G – 60 т.),
 - 7 papers with SJR (group G – 7 x 30 т.);
 - 3 papers indexed in the Scopus database without SJR (group G – 3 x 18 т.);
- a textbook and two teaching aid (group E – 80 т.);

All 11 papers are co-authored. The list of publications coincides with the summary made at the beginning of the document. All papers are published in journals in the fields of Mathematics, and Informatics. There are differences in “*Summary of the scientific contributions in the publications for participation in the competition*” in Bulgarian and English.

4. Citations

According to the “*Reference to the citations of the scientific papers submitted to meet the minimum requirements for appearing for the present competition*”, Dr. Traneva has 15 citations of his scientific publications. These 15 citations can be classified as follows:

- 14 in Scopus database (group D – 14 x 8 т.)
- 1 in Zentralblatt (group D – 4 т.);

5. Participation in internal institutional and national scientific projects, scientific programs and scientific forums

I want to emphasize that Dr. Traneva is active in her work. she has participated in 8 different projects for the past 7 years (group E – 2 x 10 т.). Five of these projects are internal and 3 are national.

Dr. Traneva is the organizer of two open scientific seminars at the University "Prof. Dr. Asen Zlatarov"- Burgas. The candidate is a co-organizer of the conference "Smart and Innovative Solutions" based on Scopus Intelligent and Fuzzy Technique. In addition, Dr. Traneva participates in two national research programs:

- National Research Program "Young Scientists and Postdoctoral Students" (2019-2021), funded by the Ministry of Education and Science (group E - 10 points);
- National Research Program "Information and Communication Technologies for a Digital Single Market in Science, Education and Security" (2018-2021), funded by the Ministry of Education and Science (group E - 10 points);

6. Qualitative indicators

The qualitative indicators of the criteria for acquiring the academic position of Associate Professor required by the Law for development of the academic personnel of the Republic of Bulgaria, the Regulations for its enforcement and the Interior regulations of University "Prof. Dr. Asen Zlatarov"- Burgas are all met by the candidate.

7. Personal impressions

I have known Dr. Traneva for the past 8 years, from the time when she was a PhD student at the Institute of Biophysics and Biomedical Engineering of the Bulgarian Academy of Sciences. I have had the opportunity to be present at many seminars and talks which she has given, and personally to keep track of his approach to work. I consider her to be a serious, purposeful, and responsible person.

8. Conclusion

I accept the Summary of the scientific results of the publications for participation in the competition presented by Dr. Traneva. His results are, in their essence, with scientific and applied scientific character. All publications presented in the list of all publications are connected with the theme of the competition. In my view, all publications of the candidate are original. Their content is described correctly in the Summary of the scientific contributions.

With all that has been said above, I have a good reason to consider Dr. Traneva to be a highly qualified specialist who has proved to be capable of conducting scientific and scientific and applied research on a high level. This provides me with reason to recommend to the honorary members of the Scientific Jury to appoint **Dr. Velichka Nikolova Traneva** to the academic position “**Associate Professor**” in professional field **4.6 Informatics and Computer Science**; scientific specialty Informatics

03.03.2021

The opinion was prepared by:

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