

OPINION

on the materials, scientific works, educational and scientific-teaching activities and documents reflecting the professional development and improvement of Chief Assistant Natalina Konstantinova Panova, Ph.D., sole participant in a competition (announced in the State Gazette, issue 50 of June 2, 2026) for the academic position of "Associate Professor" in the field of higher education 4. Natural Sciences, Mathematics and Informatics, professional field 4.1. Physical Sciences, for the needs of the Department of "Physics and Biophysics", Faculty of Pharmacy, Medical University, Varna

by Prof. Lyubomir Evstatiev Makedonski, Ph.D.,

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According to Order No. R-109-265 of 30.07.2026 of the Rector of the Medical University - Varna, I have been appointed as a member of the Scientific Jury in the competition for the academic position of "Associate Professor" in professional field 4.1. "Physical Sciences", specialty "Physics".

At the first meeting of the Scientific Jury, held on 11.08.2026, in accordance with Art. 127, para. 1, item 3 of the Regulations for the Development of the Academic Staff of the Medical University - Varna, I was elected as a reviewer.

This opinion has been prepared on the basis of the materials and documents submitted by the candidate, the scientific works, the teaching and research activities, as well as the data on the professional development and scientific improvement of the candidate.

One candidate participated in the competition - Ch. Assistant Professor Natalina Konstantinova Panova, Ph.D., lecturer at the Department of Physics and Biophysics of the Medical University of Varna. My assessment was made based on the overall submitted material, analyzing the educational and scientific training, professional and teaching experience, scientific production, scientometric indicators, research and applied science activity, participation in scientific forums and projects, as well as the overall contribution of the candidate to the educational and scientific activity of the Department of Physics and Biophysics.

The following sections of the opinion sequentially examine the biographical data and professional development, teaching and teaching activities, scientific work, publication activity and scientometric indicators, scientific forum and project activities, scientific and applied contributions and the overall academic activity of the candidate.

GENERAL CHARACTERISTICS OF THE EDUCATIONAL-TEACHING, RESEARCH AND SCIENTIFIC-APPLIED ACTIVITIES

One candidate participated in the announced competition for the academic position of "associate professor" for the needs of the Department of "Physics and Biophysics" at the Faculty of Pharmacy of the Medical University - Varna - Senior Assistant Professor Natalina Konstantinova Panova, who currently works in the same Department.

The candidate submitted a total of 56 documents in paper and electronic form in the competition, corresponding to the requirements, including: 16 administrative documents and references; 25 facsimiles of participation in scientific events; 4 publications for the educational and scientific degree "Doctor" in the scientific specialty "Medical Physics", 19 publications for participation in the competition for "associate

professor", among which 10 publications equivalent to a monographic work, according to Art. 125 para.1 item 2 of the Regulations for the Development of the Academic Staff of the Medical University, Varna

The submitted materials and documented scientific achievements fully comply with the requirements of the Act on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Implementation of the Act on the Development of the Academic Staff in the Republic of Bulgaria, the minimum national requirements and the Regulations for the Development of the Academic Staff of the Medical University - Varna. Senior Asst. Natalina Panova has the required general work experience, experience in the specialty (more than 24 years) and scientific and teaching experience (more than 15 years) as an assistant (2001 - 2024), doctoral student (2020 - 2024); senior assistant (from 2025) in the Department of Physics and Biophysics, in the field of the competition.

The development of Senior Asst. Natalina Panova over the past several decades as a student, doctoral student, lecturer and scientist at the Medical University - Varna is convincing and well documented. Scientometric indicators for occupying the position of "associate professor" Area 4. Natural sciences, mathematics and informatics

Indicator Minimum requirements Candidate points		
Indicator	Minimum requirements	Candidate points
A	50	50
B	100	146
Г	200	225
Д	50	108

In group of indicators A, a dissertation work for the award of the educational and scientific degree "doctor" on the topic: "Corrosion resistance in biological fluids of austenitic steel AISI 321 after surface impact with a laser" is presented. Medical University - Varna; 2024 - 50 points. There are no scientometric indicators introduced in NACID, therefore I assume that the minimum required number of points (30 points) is obtained from the publications presented in group B, which significantly exceed those required for the respective group.

For the competition, senior assistant Natalina Panova applied a total of 60 scientific papers (of which 2 were presented for the acquisition of the ONS "doctor"), all of which are on the topic of the competition, have not been presented by her in other competitions, and are accepted for review. The distribution by type and quartiles (Q) of these publications is as follows:

Group of indicators B	Group of indicators B	Group of indicators G
Scopus Q1		6
Scopus Q2	2	3
Scopus Q3	4	
Scopus Q4	3	
Publications with SJR without IF	1	
Publications without IF and SJR		

BIOGRAPHICAL DATA

Senior Assistant Professor Natalina Panova was born in the town of Provadia. She completed her higher education in 2000 at the Shumen University "Bishop Konstantin Preslavski", majoring in Physics, with an educational and qualification degree "Master" and a professional qualification "Physics Teacher".

In the period 2006–2009, she acquired a specialty "Biophysics" at the Medical University - Varna. In 2024–2025, she expanded her professional qualification, acquiring a master's degree in the specialty "Artificial Intelligence in Biomedicine". This additional training is particularly relevant in view of the modern trends in the development of biomedical sciences and the application of digital technologies in medicine.

In the period 2020–2024, she is a full-time doctoral student at the Department of Physics and Biophysics of the Medical University - Varna. In 2024, he successfully defended his dissertation and obtained the educational and scientific degree of "doctor" in medical physics.

The dissertation is on the topic: "Corrosion resistance in biological fluids of austenitic steel AISI 321 after surface treatment with a laser", with scientific supervisors Prof. Tsanka Dikova and Prof. Krastena Nikolova.

The candidate's professional path is consistently connected with the Medical University - Varna. In the period 2008–2024, he worked as an administrative assistant in the Department of "Physics and Biophysics", while simultaneously developing his academic and research activities.

From 2025 to the present, he holds the academic position of "chief assistant" in physics in the Department of "Physics and Biophysics" of the Medical University - Varna.

The presented biographical data show a consistent academic and professional development, in which the initial training in physics was upgraded with a specialization in biophysics, a doctoral qualification in medical physics and additional master's degree in the field of artificial intelligence in biomedicine. This sequence forms a broad interdisciplinary profile, corresponding to the contemporary directions of development of physical sciences and their applications in medicine and biomedicine.

TEACHING ACTIVITIES

The teaching activity of Senior Assistant Professor Natalina Panova has lasted for more than two decades. She began her academic teaching activity in 2001, and until 2024 she held the position of "assistant", and from 2025 she is a "chief assistant" in the Department of Physics and Biophysics of the Medical University - Varna.

The presented data show a high and sustainable teaching workload, which significantly exceeds the mandatory classroom workload for lecturers at the Medical University - Varna, set at 360 teaching hours per year.

According to the reference for teaching activity over the last five academic years, the candidate's classroom workload varies between 907 and 1108 teaching hours per year. Thus, her annual teaching workload is approximately 2.5 to over 3 times higher than the specified mandatory classroom workload. This indicator is convincing evidence of the candidate's significant contribution to the educational process and the high degree of commitment to teaching.

Senior Asst. Prof. Panova conducts classes in a wide range of fundamental and specialized disciplines, working with students from different professional fields and educational levels.

The wide range of disciplines taught is indicative of the candidate's versatile professional competence and her ability to apply knowledge of physics and biophysics in various areas of medical, pharmaceutical and health education.

Particularly positive should be assessed the teaching work with students from the specialties "Medicine", "Dental Medicine" and "Pharmacy", as well as with students from the directions "Biomedical Equipment and Technologies", "Kinesitherapy", "Nurse", "Midwife", "Medical Laboratory Assistant", "Medical Optician" and "Medical Cosmetologist".

The contribution to the training in master's programs, where the disciplines taught are related to optoelectronic and laser technology and their application in healthcare, is also significant. This corresponds to the scientific interests of the candidate and creates a natural connection between her research and teaching activities.

The long teaching experience, the high annual teaching workload and the variety of disciplines taught show that Senior Assistant Professor Dr. Natalina Panova has significant pedagogical experience and established teaching competence.

ADMINISTRATIVE ACTIVITY

In the period 2008–2024, Senior Assistant Professor Natalina Konstantinova Panova performed the functions of an administrative assistant at the Department of Physics and Biophysics of the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna.

Within the framework of this activity, she combines administrative commitments with her active participation in the educational process and academic life of the department. The long period of performing administrative functions - 16 years - shows sustainability, responsibility and good knowledge of the organization of educational and academic activities. istic experience is an additional positive element in the professional profile of the candidate, as it contributes to the knowledge of the organization of the educational process, the coordination of activities in the department and the interaction between teachers, students and academic management.

The combination of teaching, research and administrative activities characterizes Senior Assistant Professor Natalina Panova as a lecturer with extensive professional experience and active engagement with the overall activities of the Department of Physics and Biophysics and the Medical University - Varna.

SCIENTIFIC WORK

The scientific research activity of Senior Assistant Professor Natalina Panova is interdisciplinary in nature and covers problems of physics, biophysics, materials science and applied biomedical sciences. The presented scientific results can be combined into three main scientific areas, which are interconnected through the application of physical, chemical and biophysical methods for the characterization and evaluation of biological systems, materials and bioactive substances.

1. Application of extracts from various types of algae in the food, pharmaceutical and cosmetic industries

The first direction is related to the study of algae and the bioactive substances obtained from them, as well as the possibilities for their application in the food, pharmaceutical and cosmetic industries.

The scientific interest in this area is aimed at characterizing biologically active components, developing and evaluating methods for their production and studying their potential for application in various products. The developments have a scientific and applied nature and are in line with modern trends in the use of natural sources in the creation of functional foods, food supplements and products with potential pharmaceutical and cosmetic applications.

The candidate's participation in research in this area demonstrates the ability to work in multidisciplinary scientific teams, combining physical, chemical, biological and pharmaceutical approaches.

2. Bioactive properties and therapeutic potential of herbal extracts

The second direction covers the study of the bioactive properties and potential therapeutic effects of extracts from medicinal plants and herbs.

Scientific research is aimed at establishing the biological activity of plant extracts and essential oils, including their potential anti-inflammatory, antibacterial and other biological effects. The research is particularly relevant given the growing scientific interest in natural products as a source of biologically active compounds.

This direction demonstrates the expansion of the candidate's scientific activity to biomedical and pharmaceutical applications, as physical and analytical methods are used to characterize the properties of the studied natural products.

3. Applied materials science - corrosion resistance in biological fluids

The third direction is directly related to the candidate's preparation and scientific specialization in medical physics and to the topic of the defended dissertation.

The research is focused on the corrosion behavior and resistance of metallic materials in biological environments, including the influence of surface laser impact on the properties of austenitic stainless steel AISI 321.

This direction is of significant importance for biomedical materials science, since the behavior of metallic materials in a biological environment is important in the development and use of medical devices and structures.

The connection between fundamental research on the physical and structural characteristics of materials and their possible medical and biomedical applications should be assessed particularly positively.

The three main directions outline a broad and interdisciplinary scientific profile of the candidate. They combine research in the field of physics and biophysics with problems of materials science, pharmacy, food technology and biomedical sciences.

The scientific work of Senior Asst. Natalina Panova is characterized by topicality of the topic, applied orientation and participation in interdisciplinary scientific teams. There is a logical connection between the scientific directions, publication activity, participation in scientific projects and teaching activities of the candidate.

SCIENTIFIC INDICATORS

The presented scientometric indicators of Senior Assistant Professor Dr. Natalina Konstantinova Panova show that the candidate meets the requirements for holding the academic position of "associate professor", regulated in the Act on the Development of the Academic Staff in the Republic of Bulgaria (ADSRB), the Regulations for the Implementation of the ADSRB (PPSRB) and the Regulations for the Development of the Academic Staff of the Medical University - Varna.

A significant scientific production was presented for participation in the competition, including 60 publications of which the candidate is an author or co-author, of which:

- ✓ 21 scientific articles have been published in international journals, refereed and indexed in Web of Science and Scopus, with the publications distributed by quartile groups:
- ✓ 10 publications - Q1;

- ✓ 1 publication - Q2;
- ✓ 7 publications - Q3;
- ✓ 3 publications - Q4;
- ✓ 5 articles have been published in international and national journals, refereed and indexed in other scientific databases;
- ✓ the candidate has 24 participations in international and national scientific forums, where scientific results have been presented in the form of reports and posters.

The international visibility of the scientific output makes a particularly positive impression. The significant number of publications in journals indexed in Web of Science and Scopus, as well as the presence of 10 publications in Q1 journals, indicate good publication activity and ability to present scientific results in a competitive international environment.

The overall impact factor of the journals in which the candidate's scientific works have been published is $IF = 55.3$. This indicator complements the positive assessment of the quality and scientific recognition of the publication output.

Citation and scientific recognition

The scientific results of Senior Asst. Panova have been cited in various scientific information systems, with the presented indicators being: 55 citations – Scopus; 26 citations – Web of Science; 133 citations – Google Scholar; 103 citations – ResearchGate.

The presented h-index values also indicate the presence of sustainable scientific recognition: h-index = 5 – Scopus; h-index = 3 – Web of Science; h-index = 7 – Google Scholar; h-index = 6 – ResearchGate.

The presence of citations in the international databases Scopus and Web of Science is an indicator that the candidate's scientific results have reached the international scientific community and have been used in subsequent scientific developments.

Authorship

The candidate's scientific output is predominantly collective, which is typical of interdisciplinary research in the field of physics, medical physics, biophysics and applied biomedical sciences. Of the 60 publications presented, Senior Assistant Professor Dr. Natalina Panova is: first author in 9 publications; second author in 13 publications.

These data are a significant indicator of her active and significant participation in scientific research work. The total number of 22 publications in which the candidate holds a leading author position shows that her contribution is not limited to participation as a co-author, but includes significant participation in the development, analysis and presentation of scientific results.

In the remaining publications, the candidate participates as a member of scientific teams, which corresponds to the interdisciplinary nature of the conducted research and the need to combine expertise from different scientific fields.

The complex assessment of scientometric indicators shows significant and high-quality scientific output, good international visibility and proven citation.

The combination of 60 publications, including 21 publications in journals indexed in Web of Science and Scopus, 10 publications in Q1, total $IF = 55.3$, multiple citations and positive h-index values, as well as active participation in scientific forums, forms a convincing scientometric profile.

The fact that the candidate is the first or second author in 22 of the submitted publications should be assessed as particularly positive, which is an indicator of a significant personal contribution to scientific research.

The majority of these scientific publications are co-authored (60), with Senior Assistant Professor Natalina Panova being the first author in 9 of them, and second author in 13.

RESPONSE THROUGH CITATION AND OTHER ASSESSMENTS

The scientific publications of Senior Assistant Professor Natalina Panova have found a response in the scientific literature, which is an indicator of their scientific significance and recognition among the research community.

In the presented list of publications for participation in the competition for the academic position of "associate professor", 54 citations were found on 15 of the presented scientific works, a significant part of which are in international and foreign scientific publications.

According to the presented academic reference, the candidate's scientific publications have been cited in various scientific information systems, as follows: 55 citations in Scopus; 26 citations in Web of Science; 133 citations in Google Scholar; 103 citations in ResearchGate.

It should be noted that the different values are determined by the specifics of individual bibliographic and scientific information systems, their scope and methods for identifying and reporting citations. Therefore, these indicators should not be summed up, and should be considered as independent indicators of the scientific visibility and dissemination of the publication output.

Of particular importance for the assessment of the scientific impact are the citations reported in Scopus and Web of Science, as they show that the candidate's scientific results have received recognition and have been used in publications included in internationally recognized scientific databases.

The presence of citations in foreign and international scientific publications indicates that the results have gone beyond the local scientific community and their applicability as a scientific basis in subsequent research.

In addition, the h-index values - 5 in Scopus, 3 in Web of Science, 7 in Google Scholar and 6 in ResearchGate - confirm the presence of a sustainable scientific impact and consistent citation of the publication output.

Based on the presented data, it can be concluded that the scientific work of Senior Assistant Professor Natalina has a real and measurable impact in the scientific literature, including in international scientific publications. Citation and the availability of scientific evaluations in various information systems are an additional positive indicator of the quality, relevance and significance of its scientific output.

PARTICIPATION IN SCIENTIFIC FORUMS

Senior Assistant Professor Natalina Panova has 25 participations in national and international scientific events, presented within the framework of the competition for the academic position of "Associate Professor" in the field of higher education 4. "Natural Sciences, Mathematics and Informatics", professional direction 4.1. "Physical Sciences", specialty "Physics".

The candidate's scientific activity covers a long period - from 2005 to 2026, which testifies to a sustainable interest in scientific research work and consistent participation in scientific exchange.

In chronological terms, a gradual expansion of scientific and international activity is observed. The candidate participates in national scientific forums, national conferences with international participation, international congresses and specialized scientific conferences in various fields of physical sciences, materials science, medical physics, optics and photonics, pharmacy, food technologies and health sciences.

The participation in a number of international scientific forums outside Bulgaria is particularly impressive.

The candidate also systematically participates in scientific forums organized in Bulgaria, including conferences of the Medical University - Varna, Trakia University, Ruse University and other scientific and academic institutions.

It is worth noting the wide thematic spectrum of scientific events. The participations are related to physics, materials science and engineering technologies, medical physics and biophysics, optics and photonics, pharmaceutical sciences, food and nutraceutical technologies, as well as applied research in the field of health and the environment.

The last period of the candidate's scientific development is particularly active. In 2023–2026, participations in scientific forums were realized in Bulgaria and abroad, including in Poland, Croatia, Montenegro, Greece and Turkey. This shows not only sustainability, but also growing international visibility of scientific activity.

The candidate's participation in scientific events related to the activities of the Medical University - Varna and to the university's research projects should also be positively assessed. These participations demonstrate the connection between scientific research, project work and practical areas of development of the higher education institution.

In summary, the scientific activity of Senior Assistant Professor Natalina Panova is characterized by:

- ✓ 25 participations in national and international scientific events;
- ✓ continuous and consistent scientific activity in the period 2005–2026;
- ✓ participation in international scientific forums in Europe, Asia and the Middle East;
- ✓ presentation of scientific results in various fields of physical and interdisciplinary sciences;
- ✓ sustained participation in scientific forums organized by Bulgarian higher education institutions;
- ✓ increased international activity in recent years;
- ✓ active involvement in the scientific life of the Medical University - Varna.

The presented data allow us to conclude that the candidate has a well-developed and sustainable scientific communication activity, which contributes to the popularization of the obtained scientific results and their inclusion in the national and international scientific exchange.

Participation in prestigious international forums in the field of materials science, medical physics, optics, photonics and applied sciences is a positive indicator of the international recognition and interdisciplinary nature of the candidate's scientific activity.

In the context of the competition for the academic position of "associate professor", this activity should be positively assessed as an important part of the overall scientific development of Senior Assistant Professor Natalina Panova.

PARTICIPATION IN SCIENTIFIC PROJECTS

Senior Assistant Professor Natalina Konstantinova Panova is actively involved in the development and implementation of scientific research projects, funded both by the Science Fund of the Medical University - Varna, and under programs related to the European Union and the National Recovery and Sustainability Plan.

The topics of the projects are diverse and cover medical physics, materials science, corrosion processes in biological environments, laser surface impact, natural biologically active substances, nutritional supplements, nutraceuticals and modern analytical methods.

Of particular importance is the candidate's participation in projects with a clearly expressed scientific-applied and translational focus. Work within the MUVE-TEAM creates an opportunity for the transfer of the results of fundamental scientific research to developments with potential practical application in medicine, pharmacy and food technology.

The project activity complements and expands the candidate's scientific output, creating conditions for work in multidisciplinary scientific teams and for the integration of physical, biophysical, optical and analytical methods with problems in the field of medicine and pharmacy.

Participation in these projects is an indicator of the ability of Senior Asst. Natalina Panova to apply her professional competence in collective scientific developments and to participate in the implementation of scientific tasks of fundamental and applied importance.

PARTICIPATION IN SCIENTIFIC FORUMS

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The candidate's scientific activity covers a long period - from 2005 to 2026, which testifies to a sustainable interest in scientific research work and consistent participation in scientific exchange.

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The participation in a number of international scientific forums outside Bulgaria is particularly impressive.

The candidate also systematically participates in scientific forums organized in Bulgaria, including conferences of the Medical University - Varna, Trakia University, Ruse University and other scientific and academic institutions.

It is worth noting the wide thematic spectrum of scientific events. The participations are related to physics, materials science and engineering technologies, medical physics and biophysics, optics and photonics, pharmaceutical sciences, food and nutraceutical technologies, as well as applied research in the field of health and the environment.

The last period of the candidate's scientific development is particularly active. In 2023–2026, participations in scientific forums were realized in Bulgaria and abroad, including in Poland, Croatia, Montenegro, Greece and Turkey. This shows not only sustainability, but also growing international visibility of scientific activity.

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- ✓ 25 participations in national and international scientific events;
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- ✓ increased international activity in recent years;
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Participation in prestigious international forums in the field of materials science, medical physics, optics, photonics and applied sciences is a positive indicator of the international recognition and interdisciplinary nature of the candidate's scientific activity.

In the context of the competition for the academic position of "associate professor", this activity should be positively assessed as an important part of the overall scientific development of Senior Assistant Professor Natalina Panova.

MAIN SCIENTIFIC CONTRIBUTIONS

Based on the presented scientific output and the thematic focus of the research, the following main groups of scientific and applied scientific contributions can be distinguished:

1. Contributions in the field of medical physics and biophysics.

Physical and biophysical approaches have been developed and applied to study processes and materials with potential application in medicine and biomedical technologies. The scientific results show the ability to use fundamental physical methods in solving practical problems in medicine and pharmacy.

2. Contributions in the field of laser treatment of materials.

Of particular importance are studies on the influence of laser treatment on the surface characteristics and corrosion resistance of austenitic stainless steel AISI 321 in biological fluids. These studies have potential significance for the evaluation and optimization of materials intended for use in a biomedical environment.

3. Contributions in the field of optical and photonic methods.

The scientific work includes the study and characterization of optical properties of biologically active substances, natural products and other materials. The use of optical and photonic approaches creates opportunities for the development of fast and non-invasive analytical methods.

4. Contributions to the study of natural products and biologically active substances.

The candidate participates in interdisciplinary studies of plant extracts, essential oils and other natural products with potential pharmaceutical, nutritional and biomedical applications. Their phytochemical, antimicrobial, anti-inflammatory and optical characteristics have been studied.

5. Scientific and applied contributions in the field of food supplements and nutraceuticals.

Participation in scientific research projects aimed at the development and characterization of food supplements, phycocyanin and other biologically active substances demonstrates an orientation towards translational scientific developments with the possibility of practical application.

6. Interdisciplinary contributions.

An essential advantage of the scientific work is its interdisciplinary nature. The developments integrate knowledge and methods from physics, biophysics, medical physics, materials science, optics, photonics, pharmacy and biotechnology.

Summary assessment of scientific contributions

The scientific output of Senior Assistant Professor Natalina Panova shows sustainable scientific activity, international visibility and good citation. The presence of 21 publications in journals indexed in

Web of Science and Scopus, including 10 publications in Q1, as well as the significant number of citations and h-index show that the results of her scientific work have a real presence in the international scientific exchange.

The combination of publication activity, participation in scientific forums, work on scientific research projects and the interdisciplinary nature of the research forms a convincing scientific profile, corresponding to the requirements for the development of an academic career at the level of "associate professor".

Based on the presented indicators and the qualitative assessment of the scientific results, I believe that the candidate's scientific output is significant in volume and quality and contains significant scientific and applied scientific contributions.

IN CONCLUSION

Based on the submitted materials, the analysis of the candidate's research, publication, teaching and project activities, as well as the overall assessment of her professional and academic development, I believe that the only candidate in the competition – Senior Assistant Professor Natalina Panova – fully meets the requirements for occupying the academic position of "Associate Professor" in the field of higher education 4. "Natural Sciences, Mathematics and Informatics", professional field 4.1. "Physical Sciences", specialty "Physics", for the needs of the Department of Physics and Biophysics, Faculty of Pharmacy at the Medical University – Varna.

The candidate has the necessary educational and scientific training, extensive teaching experience and significant research activity. Her scientific output is characterized by a significant volume, international visibility and good citation, including publications in publications indexed in Web of Science and Scopus, as well as publications in journals from the high quartile groups.

A significant advantage is the interdisciplinary nature of her scientific research, covering medical physics, biophysics, materials science, laser and optical technologies, pharmaceutical and biomedical applications. The candidate has active project activity and participation in national and international scientific forums, which contributes to the international recognition of her scientific results.

The teaching activity is long-term and diverse and covers a wide range of academic disciplines for students from various specialties in the system of medical and pharmaceutical education.

Based on the above, I give a positive assessment of the candidacy and I strongly support Senior Asst. Natalina Konstantinova Panova for the academic position of "Associate Professor".

I will vote "YES" for the election of Senior Asst. Dr. Natalina Konstantinova Panova to the academic position of "Associate Professor" in professional field 4.1. "Physical Sciences", specialty "Physics".

REVIEWER:

Залчено на основание чл. 5,
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2016/679

Varna, August 27, 2026

Prof. Lyubomir Makedonski, Ph.D.