

# STATEMENT

**by Assoc. Prof. Vasil Georgiev Georgiev, PhD**

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Institute of Microbiology - BAS

of the materials submitted for participation in a competition for the academic position of  
"Associate Professor" at The Stephan Angeloff Institute of Microbiology - BAS  
field of higher education 4. Natural sciences, mathematics and informatics. professional direction  
*4.3. Biological Sciences (Microbiology - New Functional Foods)*

## **1. General presentation of the received materials**

By order No. I-70 /30.05.2022 of the Director of The Stephan Angeloff Institute of Microbiology - Bulgarian Academy of Sciences (IMikB-BAS), I have been appointed as a member of the scientific jury in a competition for appointment to an academic position of "Associate Professor" in field of higher education 4. Natural sciences, mathematics and informatics, professional direction 4.3. Biological sciences (Microbiology - new functional foods), announced in SG no. 29 of 12.04.2022 for the needs of the Department "General Microbiology", Laboratory "Microbial Genetics", IMikB-BAS. To participate in the announced competition, only one candidate, ch. assistant Dr. Galina Dinkova Stoyancheva, currently working in the same laboratory was applied. The presented by ch. assistant Dr. Stoyancheva set of materials is in accordance with the "Regulations on the terms and conditions for acquiring scientific degrees and for holding academic positions at The Stephan Angeloff Institute of Microbiology at the Bulgarian Academy of Sciences" and includes all the required documents, accompanied by with the relevant evidentiary materials.

## **2. General characteristics of the applicant's research activities**

To participate in the competition, the candidate Dr. Galina Stoyancheva submitted a total of 23 scientific works, of which 21 scientific publications referenced in Scopus and/or WoS and 2 book chapters. In 6 of them, Dr. Stoyancheva is the first author. The total impact factor of the candidate is 23,638, the presented citations are 303 (actually Scopus finds 161 citations and in WoS - 147), the h-index calculated by the candidate is 7 (according to Scopus and WoS - 5). Candidate Dr. Stoyancheva participated in the implementation of 17 research projects (12 national and 5 international), being the PI of 4 of them. *These indicators fully cover the*

*increased requirements of IMikB-BAS for occupying the academic position of "Associate Professor"*. The presented scientific works can be distributed in accordance with the criteria for the minimum national requirements of the LDASRB and the Rules for it as follows: *Group of indicators B, indicator 4. Habilitation work - scientific publications in publications that are referenced and indexed in WoS/Scopus: 6 publications, of which one in Q1, three in Q2 and two in Q4 quartiles. The total number of points for this indicator is 109 (required 100); Group of indicators G, indicators 5 to 10. Scientific publications in publications that are referenced and indexed in WoS/Scopus outside of the habilitation thesis: 17 scientific papers, of which one in Q1, seven in Q2, three in Q3, four in Q4 the kavartils and two chapters of books. The total number of points for this indicator is 288 (required 200); Group of indicators D, indicator 11. Citations in scientific publications, monographs, collective volumes and patents, referenced and indexed in world-renowned databases of scientific information (Web of Science and Scopus):* Although the candidate indicated 303 citations, complying with the requirements, described in the Regulations for the Application of the LDASRB, I assume that the number of citations is the one that can actually be counted in the Scopus system - namely 161, which makes 322 points according to this indicator (required 50). ***In general, the materials presented by the candidate, Dr. Galina Stoyancheva, for this competition collect an asset of 769 points, which significantly exceeds the required minimum of 400 points according to the LDASRB and the Regulations for its application.*** The analysis of the publications presented by Dr. Stoyancheva shows that she is a proven, intensively working scientist in the field of food microbiology, with a marked interest in applying the methods of molecular biology, genetic and cellular engineering and bioinformatics for the isolation and identification of new strains of microorganisms with potential for application in the development of functional foods and supplements. The main contributions are related to the isolation, identification and characterization of lactic acid bacteria with proven probiotic properties, the study of the biodiversity of filamentous fungi in historically significant monuments with the aim of developing strategies for their conservation and the characterization of the molecular mechanisms involved in the biosynthesis process of temperature -sensitive catalase from an Antarctic strain of *Penicillium griseofulvum*. The research field on which Dr. Stoyancheva works is extremely current, multidisciplinary and with high potential for future development.

## CONCLUSION

The documents and materials presented by ch. assistant Galina Dinkova Stoyancheva, Ph.D, meets all the requirements of the "Law on the Development of the Academic Staff in the Republic of Bulgaria" (LDASRB) and the Regulations for its Implementation, the "Regulations on the Conditions and Procedures for Acquiring Scientific Degrees and Holding Academic Positions in the Bulgarian Academy of Sciences" and the "Regulations on the terms and conditions for acquiring scientific degrees and holding academic positions at The Stephan Angeloff Institute of Microbiology - Bulgarian Academy of Sciences". The candidate in the competition has submitted a sufficient number of scientific works published after the materials used in the defense of the PhD and in the occupation of the position of "Chief Assistant". The candidate's works have original scientific and applied contributions that have been published in reputable scientific journals and have received international recognition, expressed in the large number of citations found in the authoritative databases Scopus and Web of Science. The achievements of ch. sssistant Galina Dinkova Stoyancheva, Ph.D, results in the research activity completely cover, even exceed, all minimum and additional requirements of the LDASRB and the Regulations for its implementation, as well as the "Regulations on the conditions and procedure for acquiring scientific degrees and for holding on academic positions at The Stephan Angeloff Institute of Microbiology - Bulgarian Academy of Sciences". Based on the analysis of the materials and scientific works presented in the competition, I find it justified **to give my positive assessment and confidently recommend** to the Scientific Jury to propose to the Scientific Council of The Stephan Angeloff Institute of Microbiology - BAS the election of ch. assistant Galina Dinkova Stoyancheva, Ph.D, for the academic position of "Associate Professor" in the field of higher education 4. Natural sciences, mathematics and informatics. professional direction 4.3. *Biological Sciences (Microbiology - new functional foods)* .

15.08.2022

Prepared the statement: .....

/ Assoc. Prof. Vasil Georgiev, PhD/