



## OPINION

on the competition for "Associate Professor" in the scientific specialty Viticulture, announced in SG no. 6 of January 22, 2021 with candidate Boyan Stalev Stalev by Prof. Slavka Prodanova Lukipudis - appointed according to Order № RD 16-414 / 05.04.2021 of the Rector of the Agricultural University - Plovdiv as a member of the scientific jury

The submitted documents and materials in connection with the participation in the announced competition meet the requirements of art. 4 (3) of LDACRB and art. 5 (3) of RILDACRB of AU, Plovdiv

### 1. Brief introduction of the candidate

With an application (entry № 710 P8 / 07 of 24.02.21), ch. Assistant Professor Dr. Boyan St. Stalev, Department of Viticulture and Fruit Growing, University of Plovdiv, declares its readiness to participate in a competition for the academic position of "Associate Professor", announced in SG 6/2021. The application is completed, with the necessary documents (with evidentiary information) according to the requirements of LDACRB and the Regulations for its application.

Ch. Assistant Professor Dr. B. Stalev has a total of 13 (thirteen) years of work experience (from 2008 until now) as an assistant, chief assistant, lecturer at the University of Plovdiv, Department of Viticulture and Fruit Growing, at the "Viticulture and Horticulture" t.

The training in the doctoral program of AU, Plovdiv (during the period 2009-2013) and acquired Educational and scientific degree "Doctor of Viticulture" on "Comparative study of organic and conventional production of table grapes in the area of the village of Nayden Gerovo, Plovdiv region" Diploma № DR 38/18 June 2013

Ch. Assistant Professor, Professor of Viticulture actively participates in the academic, teaching and organizational life of the University, thanks to the acquired educational and personal competencies, to improve teaching skills (during the period 2009 - 2017) in Poland, for the good proficiency in English as well as proficiency in Polish.

Good coping with the tasks comes from the ability of B. Stalev to work in a team, as well as his qualities of responsiveness and adaptability. Of great importance is the mastery of technical computer communication and operating system

### 2. General description of the scientific production.

In the competition for "Associate Professor" Ch. Assistant Professor Dr. Boyan St. Stalev, participates with a total production in the nomenclature specialty (during the period from 2009 to 2020) of 33 (thirty-three) pieces of scientific developments (works), of which 3 in connection with the doctoral dissertation, which are not subject to review.

Scientific publications in the nomenclature specialty - 30 issues (90.90%), of which:

- Book, 2020 (based on scientific research) and
- Monograph, 2020.

For the preparation of the opinion are subject to analysis 28 pieces, constituting 93.33% of the total production, which form a composition of:

- Publishings in world databases with scientific information - a total of 11 - 39.3%, including. With impact factor - 4 pcs. (14.3%) + 7 pcs. Without impact factor - 25.0%.
- Publications in peer-reviewed and peer-reviewed scientific journals - 17 issues - 60.7%
- Publications in conference proceedings - 8 issues = 28.6%, incl. reports in world and European congresses and international symposia - 3 (10.7%) + 5. (17.9%) reports at scientific forums in Bulgaria.

The popular science production of B. Stalev is presented by: works outside the nomenclature specialty - 1 piece; Book based on defensive dissertation - 1 piece, Monograph -1 piece, Study guides (1 piece) And study programs (4 pcs.)



The active participation of B. Stalev in the mentioned total of 30 scientific works is: • - the independent scientific works (3 pieces) and as the first author (4 pieces) a total of 7 pieces amounting to 25.0%. In 25.0% the candidate is the second author from the author's scientific team and in the remaining 14 copies, scientific developments (50.0%) third and next author.

It is noteworthy that two thirds (21 copies = 75.0%) of the scientific production published in scientific sources is in English and 25.0% - in Cyrillic, which is proof of the value of the results and the basis for good citation of scientific research. the candidate.

**SCIENTIFIC METHODS**  
**for "Associate Professor" according to LDACRB and RILDACRB, AU**

INDICATORS	Criteria for "Associate Professor"	Ch. Assistant Professor Dr. Boyan Stalev
Competition for SG no. 6 of January 22, 2021 Applic. for particip. in compet. 710.P8/24.02.21		<b>Stalev</b>
Scientific degree	Doctor	<b>2013 (18.6.2013 HAC</b>
Scientific title, scientific degree – academic position	Assistant Ch. assistant	AU – 2008-2012 AU – 2013 till now
Certific LS-14/15.026.2021 AU with lectur.exper	--	13 (thirteen) years
Number of publications: Incl. in connection with the competition of Associate Professor	30	33 pcs. – 110.0%
- Annually (20013-2020) scientific production	30	30 pcs. – 100.0%
- Independently + 1st + 2nd author (50%)	-	4.13 pcs.
- Scientific articles with IF (total coefficient 2.119)	50.0%	<b>50.0% - 14 pcs.</b>
- Participation in science forums in Bg /abroad	-	<b>4 pcs. – 14.3%</b>
	5pcs./2 pcs.	<b>5 pcs. / 2 pcs.</b>
- Published textbooks / teaching aids	1	1 pcs. – Exercise guide /
- school programs	4	4 pcs. Viticulture programs
Participation in research projects	-	5 pcs.
Study employment (for the compet. "AssProf")	360 hours	2015-2020 – 2446.8 hours
- - average (academic hours)	---	489.4 av.annual - 135.9%
Number of known citations from other authors - including in foreign scientific sources	10	16 pcs. – 160.0%
	5	8 pcs. – 160.0%
Membership in the Academic SA	Member of the SA of AU, Plovdiv/Member of the "Viticulture" Faculty	

**3. Teaching activity** - with a Certificate (issued № 141 / 15.02.2021) AU, Plovdiv, confirms the total teaching experience of Ch. Assistant Professor Dr. B. Stalev, at the University amounting to 13 (thirteen years) - from 14.01.2008 to the present - on a permanent employment contract, at the Department of Viticulture and Fruit Growing.

Educational employment of the candidate. The academic management of the University of Plovdiv confirms (with a Certificate) the classroom employment of Ch. Assistant Professor Dr. B. Stalev, during the period 2015/2016 to 2019/2020 (lectures - 628 academic hours = 25.5%, exercises - 1375.5 = 56.2% and extracurricular activities - 443.3 academic hours = 18.1%), with a total study load -2446.8 academic hours, i.e. on average 489.4 academic hours per year, mainly in performed exercises in the discipline - 1375.5 hours, constituting 56.2% of the study load, while the lecture engagement is almost twice less (25.5%), which exceeds its extracurricular employment (18.1%).

It is noteworthy that the average annual workload tends to increase steadily over the consecutive years (from 17.7%, i.e. 434 hours in the academic year 2015/2016 to 557.6 hours = 22.8% in the academic year 2018/2019.

The official note, issued by the Ministry of Agriculture, Food and Forestry, National Agricultural Advisory Service (NAAS) from 17.02.2021, confirms the participation of B. Stalev as a lecturer at



jointly organized information seminars (of NAAS and AU, Plovdiv), in the period 2014 to 2020 with a total number of hours of 32.

The academic management of the University of Plovdiv, Center for International Activities and Public Relations, confirms (certificate dated 18.02.2021) that Ch. Assistant Professor Dr. B. Stalev conducted "Erasmus Mobility" in the period 2009/2010 to 2016/2017, at the West Pomeranian University of Technology in Szczecin, Poland - teaching.

#### **Published teaching materials.**

- Book ("Comparative study of organic and conventional production of dessert grapes in the area of the village of Nayden Gerovo, Plovdiv region." 2020) and

- Monograph ("Using some technological solutions in the design and cultivation of organic vines", Plovdiv, 2020)

Developed curricula: - Guide to viticulture and winemaking (co-authored), 2016; - developed and approved 4 (four) curricula, as follows: • VITICULTURE - full-time and part-time training of students in the discipline Plant Protection; • program for regular training of students in the discipline "Viticulture and biotechnological methods; • regular training in a master's program in "Production of vine seedlings".

#### **4. Research activity.**

Field of scientific activity: During the period from 2009 - 2021. B. Stalev's scientific activity is focused on: • Study of the possibilities for production of organic dessert and wine grapes in Bulgaria, agrotechnics of the vine, the chemical composition of the grapes and its influence on the quality of the production and the obtained wines; • Studies for maintenance of the soil surface, yield and quality of the vine; • Economic studies of production costs (material and labor) for the design and construction of new vineyards; • Research of new varieties and production of vine seedlings.

Based on scientific research, Ch. Assistant Professor Dr. B. Stalev has established scientific contributions, of original and confirmatory nature, in favor of science with the possibility of implementation in practice.

Scientific contributions with original character - The wine varieties ("Tempranillo", "Sira 99" and "Sira 100") grown in the South Central region of Bulgaria have wide possibilities for application of the biological methods in growing the vineyards, with the suitability of the separate terrains for such production, with advice on pruning for the formation and fruiting of the vine in order to obtain quality production and proper operation over the years. The new varieties of table grapes without seeds are an alternative for the production of table grapes in Bulgaria and around the world.

Scientific contributions of a confirmatory nature - the studied chemical composition of dessert grapes (contains antioxidants), proves the usefulness in the treatment of diseases.

Scientific and applied contributions of original character - performed a comprehensive assessment of the yield and quality of grapes of the Velika variety. The problem with the duration of growth in all variants in which Ca - Cu was used as a growth inhibitor was studied. The values of the nutrients in the soil have been established. The chemical composition of grapes for red wine production has been established in Poland and Bulgaria. The studied seedless varieties of table grapes Aphrodite, Blyan and Elitsa, Troy and Phoenix with soft seeds are characterized by a high content of polyphenols with antioxidant activity and are more useful for the human body.

The results of the study of wine (58 seed and seedless varieties, 2013) are the basis for the production of vegetative propagating material. The Berlandieri x Riparia SO4 rootstock under production conditions shows that it has a good affinity with most of the cultivated vine varieties. Economic analysis shows that the Velika variety can be grown on ever larger areas.

Scientific and applied contributions of a confirmatory nature: The production of vine planting material is promising for Bulgaria. A significant share of its production is occupied by the stratification of the grafted rootstocks. The multi-criteria analysis, with a double comparative weighing method, are original for determining the suitable places for construction of vineyards in Bulgaria.



**Citation and referencing** of the scientific production - the reference shows that a significant part (7 scientific publications = 25.0%) of the scientific production was at the attention of the specialists in the same field. The results of these scientific works are cited by 16 authors, including 50.0% (8) of which are cited in foreign scientific sources. The high citation rate is a proof of valuable scientific activity.

**Participation in research projects** - CNI at the University of Plovdiv, confirms (Certificate Ex. № 9 / 11.02.2021), the participation and leadership of B. Stalev (during the period 2009-2022) in a total of 5 (five) research projects, 2 of which with ongoing action (until 2022). The topics of research projects are primarily related to problems in viticulture - opportunities for organic production of table grapes, opportunities to shorten the period of adaptation of vine plants in vitro, study of vegetative and reproductive manifestations of new vine varieties - Syrah variety. Regimes of temperature inversions for the purposes of agriculture have been studied, as well as a project "in order to provoke and motivate students to work actively in their future profession."

Ch. Assistant Professor Dr. B. Stalev has personally signed a "Declaration of Originality and Authenticity", which confirms the originality of the results and contributions to the scientific production, which he presents in the set of documents. They are his personal work, not borrowed from research in which there is no personal participation and no personal, scientific contribution.

**5. Remarks and recommendations** - I have no remarks. My recommendation is to pass on my knowledge and skills to the students in the most effective way and to motivate them to build valuable specialists, which our agriculture needs.

#### **6. Conclusion.**

Based on the analysis of the pedagogical, scientific and scientific-applied activity of the candidate, I consider that Ch. Assoc.

Ch. Assistant Professor Dr. B. STALEV exceeds the scientometric requirements of LDACRB for "Associate Professor": • he holds the educational and scientific degree "Doctor" (2013); • works on a regular employment contract at the University of Plovdiv, (since 2008) with a total work experience of 13 years; • its scientific output exceeds the requirements of 135.9%; • participates in the implementation and management of research projects; • reports active teaching activity; • actively participates in scientific forums in the country and abroad; • reports good publishing activity (manual, curricula, book - specialized, Monograph, etc.); • his teaching activity is impressive; • citations of the results of the scientific activity (in Bulgaria and abroad) show the high value of the scientific activity.

The documents and materials provided to me for evaluation, according to the announced competition, show that the activity of Ch. Dr. B. Stalev is distinguished by valuable experimental work, with the possibility of practical implementation, with precision and science in teaching, with activity in the public life of the University and the faculty, which gives me reason to appreciate the overall activity of Ch. Assistant Professor Dr. Boyan Stalev Stalev.

This gives me reason to recommend to the esteemed members of the Scientific Jury, also to give a high grade and to propose to the Scientific Council of the Faculty of Viticulture at the University of Plovdiv, for "Associate Professor" in Area 6.1. Plant growing, specialty "VITICULTURE" to be elected Ch. Assistant Professor Dr. BOYAN STALEV STALEV.

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Plovdiv

MANUFACTURED  
OPINION: .....  
Prof. DcS. Lukipudis

