

## OPINION

**On the Concourse for the academic position “Associate Professor” in professional field 4.6 “Informatics and Computer Science”, announced in the State Gazette, Vol. 26 from 01.04.2022 for the needs of the Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences, with sole applicant Senior Assistant Professor Simeon Ribagin, PhD**

By order № 294/27.05.2022 of the Director of the Institute of Biophysics and Biomedical Engineering (IBPhBME) at the Bulgarian Academy of Sciences, on the basis of a decision of the Scientific Council of IBPhBME (Protocol № 8/26.05.2022) I have been assigned as a member of the scientific jury for the concourse for academic position “Associate Professor” in the field of Higher Education 4. Natural sciences, mathematics and informatics, professional field 4.6 „Informatics and Computer Science“, Scientific specialty „Informatics“, for the needs of section for the needs of the section “Bionformatics and Mathematical Modelling” announced in the State Gazette Vol. 26/01.04.2022. I declare that as a member of the member of the scientific jury I have received of Senior Assistant Professor Simeon Alexandrov Ribagin, PhD. I have received all documents of the sole applicant: Senior Assistant Professor Simeon Ribagin, PhD.

### **Short biographical information about the applicant:**

Senior Assist. Prof. Simeon Ribagin, Ph. D. was born in 1981 in Sofia. In 2010, he received a master's degree in kinesitherapy from the National Sports Academy "Vasil Levski", Sofia. In the same year he began his doctoral studies at IBPhBME. On July 16, 2015 he successfully defended his doctoral dissertation entitled “GENERALIZED NET MODELS OF THE SKELETAL AND NEUROMUSCULAR SYSTEMS OF THE UPPER LIMB” and obtained the educational and scientific degree "Doctor". Since 2015 he has been working at IBPhBME - BAS initially as an Assistant Professor, and following May 2016, after applying for a concourse, he was promoted to Senior Assistant Professor.

### **Regarding the submitted materials for participation in the concourse**

The applicant Senior Assist. Prof. Simeon Ribagin participates in the concourse with the following materials.

- Indicator A „PhD thesis for obtainment of the educational and scientific degree “Doctor”–“GENERALIZED NET MODELS OF THE SKELETAL AND NEUROMUSCULAR SYSTEMS OF THE UPPER LIMB” (summary of the contents of the dissertation given in digital format).
- Indicator C4 “Habilitation thesis - scientific publications in sources that are referenced and indexed in world-famous databases with scientific information”- 6 publications, of which 1 publication in quartile Q1 (Web of Science), 1 publication in quartile Q2 (Web of Science); 3 publication in quartile Q3 (Web of Science); 1 publication with SJR (Scopus).
- Indicator D7 „scientific publications in sources that are referenced and indexed in world-famous databases with scientific information” - 22 publications, of which 3 publications with IF in quartile Q4, 16 publications with SJR (Scopus); 3 publications visible in other databases (e.g. zbMATH (Zentralblatt MATH) ).



- **D8** Published chapter from a book or collective monograph **1** publication (**book chapter**)
- Indicator **E11** „Citation in scientific journals, monographs, collective volumes and patents, referenced and indexed in world-famous databases of scientific information” is given an extract from Scopus of **12** independent citations of one of the papers of the applicants.
- The specific requirement of IBPhBME that the candidate has at least **8** articles in international journals with IF in indicators **C4** and **D7** has been met.

The total number of points of the applicant and the required minimum scores by groups of scientometric indicators are presented in the table below in accordance with *Regulations for the application of the Act on Development of the Academic Staff in the Republic of Bulgaria* at IBPhBME-BAS and the Minimal National Requirements (MNR).

#### **Information on the fulfillment of the minimum requirements**

<i>Indicator groups</i>	<i>Minimal score- IBPhBME</i>	<i>Applicant's score S. Ribagin IBPhBME</i>	<i>Minimal score (MNR)</i>	<i>Applicant's score (MNR)</i>
<i>A</i>	50	50	50	50
<i>B</i>	-	-	-	-
<i>C</i>	100	100	100	300
<i>D</i>	220	229	200	687
<i>E</i>	60	72	50	96
<i>F</i>	-	-	-	-
<i>Total:</i>	430	451	400	1133

It is clearly seen that Senior Assistant Prof. S. Ribagin completely satisfies the requirements of *Regulations on the Implementation of the Development of Academic Staff in the Republic of Bulgaria*, as well as *Regulations for the application of the Act on Development of the Academic Staff in the Republic of Bulgaria* at IBPhBME-BAS for professional field “*Informatics and Computer Science*”.

I accept the claimed scientific contributions of Sen. Assist. Prof. S. Ribagin as they are formulated in his documents. In my view, they correctly reflect the essence of the publications with which he participates in the concourse and therefore I will not comment on them in detail. The applicant has divided them into 5 groups.

As it can be seen from the presented bibliographical data, there is clearly no overlap of the publications submitted for the current concourse and the works of the applicant used for obtaining the PhD degree. The applicant has significantly more publications than those presented for the concourse and much more citations than the ones provided for indicator **E11**, which is easily seen from Scopus (32 indexed papers and a total of 81 citations).

#### **Critical remarks, recommendations and personal impression of the applicant**

I have no critical remarks to the candidate regarding the materials submitted by him for participation in the competition. I know personally Senior Assistant Professor Dr. Simeon Ribagin for nearly 10 years. We have participated in joint research as well as research projects and I have very good impressions of his overall scientific work.

### **Conclusion**

The above gives me a reason to give a positive assessment of the materials for participation in the concourse and to recommend to the respected members of the Scientific Jury, and subsequently to the respected members of the Scientific Council of IBPhBME-BAS to vote for awarding **Senior Assist. Prof. Simeon Alexandrov Ribagin, PhD**, the academic position **“Associate Professor”** in professional field 4.6 “Informatics and Computer Science”.

11. 07. 2022

Opinion presented by: .....

(Assoc. Prof. Peter Vassilev, PhD., Department “Bioinformatics and Mathematical Modelling, IBPhBME-BAS)