



TO the Chairman of the Scientific Jury, appointed at the First Meeting of the Scientific Jury from 09.03.2023 on the occasion of Order No. **R 109 - 144 / 23.02.2023** of the Rector of the Medical University – Varna

OPINION

SUBJECT: Competition for the occupation of the academic position " **Professor** " in the field of higher education 7. Health care and sports, professional direction 7.1. Medicine and **specialty "Clinical Hematology"** for the needs of the Second Department of Internal Medicine of the Faculty of Medicine at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna, announced in the State Gazette no. 102/23.12.2022.

PREPARED STATEMENT: **Assoc. Dr. Trifon Georgiev Chervenkov, PhD**, Associate Professor of Clinical Immunology at the Department of "Medical Genetics", Faculty of Medicine, Medical University "Prof. Dr. Paraskev Stoyanov" - Varna, *Member of the Scientific Jury* according to order No. **R 109 - 144 / 23.02.2023** of the Rector of the Medical University - Varna and appointed as the chairman of the scientific jury *and an internal member, preparing an opinion* according to Minutes No. 1 of 06.03.2023 of the First Absentee Meeting of the Scientific Jury.

CANDIDATES: **Assoc. Prof. Iliana Dimitrova Micheva, Ph.D.** - only candidate

The documents prepared by the candidate have been prepared in accordance with the requirements of the Law on the Development of the Academic Staff of the Republic of Bulgaria (ZRASRB), the Regulations to it and the Regulations on the Development of the Academic Staff at the Medical University – Varna.

I. Brief biographical and career data for the applicant

Born on 25.07. **1968** in the town of Ispernih.

1982–1987, 1st Language High School with the study of English language "Hr. Kabakchiev", Varna

1987–1993, Medical University–Varna, Higher Education, Doctor

1993–1994, Course in Clinical Cytology, State Examination in "Clinical Cytology", Medical University - Varna.

1994, Resident doctor, MU-Varna

1994–1998, Medical University - Varna, Department of Internal Medicine, Specialist in Internal Medicine



1994–1998, Doctor, company "Alisa 33", Varna

2000–2005, Medical University of Patras, Department of Internal Medicine, Department of Hematology, Greece, full-time doctoral student with a scholarship from the Hellenic Foundation for State Scholarships (IKY), obtained ONS "Doctor" in scientific specialty: "03.01.39 Hematology and Transfusion of blood", Topic: “The role of dendritic cells in the hematopoietic defects in patients with Myelodysplastic Syndrome.”

2001–2005, Principles and Techniques of Flow Cytometry and Fluorescence Activated Cell Separation. Maintenance and operation of a fluorescence-activated cell separation system (FACSvantage, BD) for the period

2006, Varna Medical University, "St. Marina", Varna, Specialist in Hematology

2006–2007, Doctor, therapist, "St. Marina" EAD Varna

2007–2008, Doctor, hematologist, Medical Center "St. Marina" EAD Varna

2008–2010, Hematologist at the "St. Marina" EAD Varna and Assistant at MU-Varna, Department of Internal Medicine, National University of Hematology

2008–2010, Assistant, MU-Varna, Department of Internal Medicine, National University of Hematology

2010–2015, Doctor, hematologist, Medical Center "St. Marina" EAD Varna and Chief Assistant at MU-Varna, Department of Internal Medicine, Department of Hematology

2010–2015, Chief assistant, MU-Varna, Department of Internal Medicine, National University of Hematology

2014–2019, Head of the Stem Cell Transplantation Department at the Hematology Clinic, "St. Marina" EAD Varna

2015, Training in the Department of Stem Cell Transplantation of the Medical Center of Health, Sofia
Since 2015, Associate Professor, MU-Varna, Department of Internal Medicine, National University of Hematology

2016, ESH 20th “ Training course on haematopoietic stem cell transplant ”

2016, Professional qualification in highly specialized activity Stem cell transplantation

2017, Advanced specialization in the field of Stem Cell Transplantation, in the Division of Stem Cell Transplantation, Department of Hematology, Hemostasis, Oncology and Stem Cell Transplantation at the Medical University of Hannover, Germany

2018, Erasmus study at the University of Ljubljana, Clinic of Hematology, Transplantation Sector

Since **2020**, Head of the Department of Hematology, Second Department of Internal Medicine

2019–2022, Head of the Clinical Hematology Clinic, Head of the Stem Cell Transplantation Department at the Hematology Clinic, UMBAL "St. Marina" EAD Varna

2022, Master of Public Health and Health Management

Since 10.2022, Head of the Clinical Hematology Clinic at the Hematology Clinic, UMBAL "St. Marina" EAD Varna



II. Research activity

The activity was evaluated in accordance with the minimum national requirements for PROFESSOR on the basis of Art. 26 of ZRASRB dated 23.12.2022 and art. 136 and Art. 137 of the PRAS of the University of Varna / Appendix No. 1 of 21.11.2022.

1. To have, according to **indicator A (50 points)**, an acquired educational and scientific degree "doctor" in the scientific specialty of the announced competition;

completed 50 t - Associate Professor Dr. Iлина Micheva obtained the educational and scientific degree DOCTOR in the scientific specialty 03.01.39 "Hematology and blood transfusion" after a successfully defended dissertation on the topic "The role of dendritic cells in the hematopoietic defects in patients with Myelodysplastic Syndrome" at the Medical University, Patras, Greece, and confirmed by decision of the Higher Attestation Commission, Republic of Bulgaria, with protocol #1809-BAK/07.11.2007.

2. To have a minimum of 100 items for a group of indicators from group C through habilitation work or equivalent scientific publications, referenced in Scopus and/or Web of Science, for Higher Education Area 7.1 publications must be no less than 10.

Completed - with a total of 156.2 points - of the 10 articles referenced in Scopus and/or Web of Science, 6 have an impact factor.

3. To have a minimum of 200 points for group D indicators.

Completed - sum of indicators 5-9 **with a total of 391.27 points** as follows:

Indicator 5 – no monograph.

Indicator 6 – there is no published book based on a defended dissertation work.

Indicator 7 – **219.05 points** acquired from articles and reports published in scientific publications, referenced and indexed in a global database of scientific information, and for this indicator a minimum of 80 points is required for clinical specialties.

Indicator 8 – **172.22 points** gained from articles and reports published in non-refereed peer-reviewed journals or published in edited collective volumes.

Indicator 9 – no collective monograph chapter published.

4. To have at least 100 points of citations for group E indicators

Completed - sum of indicators 10 - 12 **with a total of 2635 points** as follows:

Indicator 10 – 165 citations or reviews in scientific publications, referenced and indexed in world-renowned databases of scientific information or in monographs and collective volumes.

Indicator 11 – 7 citations in peer-reviewed monographs and collective volumes.

Indicator 12 – 16 citations or reviews in non-refereed peer-reviewed journals.



With a total of 188 citations and 2635 points, the minimum requirements of 100 points are many times exceeded!

5. There should be a minimum of 100 points for group F indicators.

Completed - sum of indicators 13-22 **with a total of 361.2** as follows:

Indicator 14 – **100 points** for guidance of successfully defended doctoral students, and **the minimum** for this indicator is **80 points**.

Indicator 15 - 80 points for acquired medical specialty - the candidate has acquired two medical specialties - in Internal Medicine, diploma No. 005436, 01.01.1999 and Clinical Hematology, diploma No. 1457, 01.01.2007.

Indicator 16 – 60 points for participation in 4 national scientific projects.

Indicator 17 – 60 points for participation in 3 international scientific projects.

Indicator 18 – 30 points for management of 1 national scientific project.

Indicator 22 – 30 points for training interns, specialists and doctoral students – basic course in clinical hematology, VSD course.

Scientific achievements and contributions

Assoc. Dr. Iliana Micheva has a long and intensive research work in the field of clinical hematology. Her main research interests are in several areas of hematology:

1. Transplantation of hematopoietic stem cells
2. Infectious complications in patients with oncohematological diseases and after hematopoietic stem cell transplantation
3. Multiple myeloma
4. Myelofibrosis
5. Acute lymphoblastic leukemia and
6. Chronic myelomonocytic leukemia.

In the author's reference, current scientific topics are presented, grouped in the relevant areas, and in the development of all of them, the candidate applies methodologically modern scientific approaches. I consider the submitted publications in each of the categories to be significant contributions. The scientific works for holding the position of professor, the candidate has presented a total of 43 publications, of which 6 publications in international journals with IF, indexed and referenced in scientific databases with them Scopus and/or Web of Science, 19 publications in non-IF journals indexed and referenced in Scopus and/or Web scientific databases of Science, 18 scientific publications in non-refereed peer-reviewed journals, as well as 46 total scientific communications and reports, of which 25 scientific communications and reports at international forums with printed abstracts and 21 scientific communications and reports at national forums with printed abstracts. In addition, the candidate is involved in the development of 1 therapeutic manual.



According to the professional qualification indicator, the candidate fulfills the requirements for habilitation.

III. Teaching and learning activity

- Associate Professor Dr. Iina Micheva was elected as a full-time assistant at the Department of Internal Medicine of the University of Varna in 2008, as a chief assistant in 2010, as an associate professor in 2015, and since 2020 she is the Head of the Department of Hematology to the Second Department of Internal Medicine of the Medical University of Varna. She teaches in both Bulgarian and English languages, as her average study load for the previous four years (2018/2019, 2019/2020, 2020/2021 and 2021/2022) is **206.5** hours.
- The candidate is actively involved in developing and conducting course topics, and is also a co-author of 1 study aid.

The requirements for the activity of both the RASRD and the PRAS of the Ministry of Education - Varna have been **fulfilled**, art. 137, item 3. for a minimum of 7 years held position "Docent" and to have an average study load of 100 study hours for 4 years.

IV. Diagnostic and treatment activity

The candidate has a total work experience of nearly 21 years, of which more than 16 years of professional experience *in the field of clinical hematology*.

The candidate has acquired two medical specialties - in Internal Medicine, diploma No. 005436, 01.01.1999 and Clinical Hematology, diploma No. 1457, 01.01.2007, with which answers on the requirements for the activity of both the RASRD and PRAS of MU-Varna, art. 137, item 8. "To have a recognized specialty in the health care system (if such is regulated in Ordinance No. 1 of 22.01.2015 on acquiring a specialty in the health care system) in the same specialty."



CONCLUSION

Based on all of the above, I believe that the admitted participant in the present competition fulfills the criteria for scientific, professional-qualification and educational-teaching activity and possesses in-depth theoretical knowledge and practical skills in the field of clinical hematology. The candidate meets the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations for the Development of the Academic Staff at the MU-Varna . This gives me reason to recommend to the respected members of the scientific jury to vote positively for awarding the academic position of "PROFESSOR" to Assoc. Prof. Dr. Ilina Micheva, PhD, in the field of higher education 7. Health care and sports, professional direction 7.1. Medicine and specialty "Hematology and Blood Transfusion" for the needs of the Second Department of Internal Medicine of the Faculty of Medicine at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna.

21.04.2023
Varna

Member of the scientific jury (opinion):



/ Prof. Dr. Trifon Chervenkov/