

**TO THE CHAIRMAN OF THE SCIENTIFIC JURY  
DETERMINED BY ORDER  
№P-109-108/29.01.2025 OF THE RECTOR OF  
MEDICAL UNIVERSITY - VARNA**

**STATEMENT**

**by Assoc. Prof. Dr. Stefan Vassilev Kisyov, MD,**

Head of the Department of Obstetrics and Gynecology at the Medical  
University - Varna

Subject: Competition for the academic position of "Associate Professor" in the  
field of higher education in the specialty "Obstetrics and Gynecology",  
professional field 7.1. Medicine, field of higher education 7. Health and Sports,  
with candidate

**Chief Asst. Dr. Simona Anzhel Georgieva, MD**

One candidate is participating in the announced competition – Senior Assistant Dr. Simona Anzhel Georgieva, MD. The candidate has accurately submitted all the necessary documents for participation in the competition, in accordance with the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for its implementation and the Regulations for the Development of the Academic Staff of the Medical University - Varna.

Based on the order P-109-108/29.01.2025 of the Rector of the Medical University - Varna and Protocol 1 of the Chairman of the Scientific Jury, I have been assigned to prepare a statement under the procedure for occupying the

academic position of "Associate Professor" in the specialty "Obstetrics and Gynecology".

### **Presentation of the procedure and the doctoral student**

The submitted set of materials on paper/electronic media is in accordance with the Regulations of MU-Varna and includes the following documents:

- Application to the Rector of MU-Varna for participation in the competition
- Creative CV in European format with the signature of the candidate
- Reference for academic positions held
- Academic reference for study load
- Diplomas for higher education and for the specialty "Obstetrics and Gynecology",
- Declaration of originality and authenticity of the attached documents
- Other documents related to the course of the procedure

The documents have been prepared in accordance with the requirements of the Act on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for its implementation, as well as the Regulations on the terms and conditions for acquiring an academic position at Medical University - Varna.

The documents submitted under the procedure are in full compliance with the requirements and are excellently arranged.

### **I. Analysis of the candidate's career profile**

Dr. Georgieva graduated with honors from the Medical University - Varna in 2016 and in the same year was enrolled as a specialist in obstetrics and gynecology with a training base - SBAGAL Varna. Since 2017, she has been an assistant at the Department of Obstetrics and Gynecology at the Medical University - Varna and won a competition for a full-time doctoral degree. Dr. Georgieva has attended a number of specialized courses in the field of

ultrasound and Doppler diagnostics, and in 2019 she successfully passed the exam at the European Society of Human Reproduction and Embryology (ESHRE) with a certificate for additional qualification "Clinical Embryologist". In 2021, she obtained the scientific degree "Doctor" with a dissertation topic "Ovarian response, embryo quality and ectopic pregnancy". Dr. Georgieva is a member of the Bulgarian Association for Infertility and Reproductive Health (BASRH), the Bulgarian Association for Ultrasound in Obstetrics and Gynecology, the International Association for Ultrasound in Obstetrics and Gynecology (ISUOG), the European Society for Human Reproduction and Embryology (ESHRE) and actively participates in Bulgarian and foreign scientific forums.

Dr. Georgieva's scientific and practical interests are in the field of reproductive medicine, assisted reproductive technologies, prenatal medicine and endoscopic surgery in gynecology. Since 2022, she holds the academic position of "Chief Assistant" at the Department of OB/GYN.

### **General description of the materials submitted for the competition**

The candidate has submitted all documents for employment at academic degree "Associate Professor" in accordance with the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations on its implementation and the Regulations on the Development of the Academic Staff at the Medical University-Varna. The materials for the competition provide in full the necessary information for a quantitative and qualitative assessment of the overall academic development of Dr. Simona Anzhel Georgieva, MD.

## **II. Evaluation of the candidate's scientific works for overall academic development**

The entire scientific production of Dr. Simona Anzhel Georgieva is of significant volume and diversity in terms of scientific issues. It includes a total of titles, of which: 1 dissertation (not peer-reviewed),

1 habilitation thesis (with attached contribution separation protocol); 25 publications:

- 8 publications in foreign journals

- 19 publications in Bulgarian publications with scientific peer-review

The publications are in authoritative international and Bulgarian journals.

### **The contributions of the scientific works are in the main areas of her research activity:**

The publications of Dr. Simona Anzhel Georgieva cover a wide thematic spectrum, based on interests in the field of assisted reproductive technologies, possible complications and their association with high-risk pregnancy with possibilities of prenatal diagnosis and recommendations for timely therapy. The ovarian response is being studied as a major determinant of treatment success and the possibilities for influencing it by individualizing treatment protocols.

### **The contributions of the habilitation work are significant and have an extremely high scientific and practical value, and I would like to emphasize some of them, namely:**

1. Assisted reproductive technologies are an independent risk factor for the development of complications, as the risk of ectopic pregnancy is 4 times higher compared to natural conception;

2. The number of transferred embryos increases the likelihood of ectopic implantation, as the dependence increases with each subsequent embryo;
3. The transfer of poor-quality embryos increases the likelihood of ectopic pregnancy and leads to a higher frequency of abortions and biochemical pregnancies;
4. With advancing age, the chance of ectopic pregnancy increases, as the dependence is linear with each added year.

**There are four contributions of a confirmatory nature, of which the first contribution is of interest, namely:**

5. The benefit of reducing the number of transferred embryos to reduce the risk of EB has been proven and a formula for calculating the probability has been proposed.

**There are three original contributions, with the second and third contributions being of practical importance, namely:**

6. For the first time in our country, the problem of predicting the probability of ectopic pregnancy after ART has been developed, the factors predisposing to the complication have been taken into account, and management strategies have been proposed;
7. The effect of high-quality morphology on the success rate of ART and on reducing the risk of EB has been proven, by analyzing the quality of embryos in single embryo transfer.

### **III. Comprehensive, qualitative assessment of educational, methodological and teaching activities**

Dr. Simona Anzhel Georgieva is an assistant from 2017 to 2022, in the Department of Obstetrics and Gynecology at the Faculty of Medicine of the

Medical University - Varna, and from 2022 to the present she is a chief assistant. She is involved in the postgraduate training of specialists in the specialty "Obstetrics and Gynecology". She is a member of examination committees for semester and state exams in "Obstetrics and Gynecology" for acquiring the "Master's" qualification in the specialty "Medicine". Dr. Georgieva conducts training in the discipline "Obstetrics and Gynecology" for students of the specialty "Medicine" and "Dental Medicine" in the Bulgarian-language and English-language programs. The average study load for the last two years is significantly high.

#### **IV. Conclusion**

Dr. Simona Anzhel Georgieva, MD has significant professional experience in the field of obstetrics and gynecology, as a doctor and lecturer. Her works have significant contributions, based on many years of practical and research activity. The scientific production and the presented documents comply with the requirements of the Regulations in Republic of Bulgaria and the Regulations of the Medical University - Varna, therefore I recommend to the esteemed Scientific Jury to award Dr. Simona Anzhel Georgieva, MD the academic position of "Associate Professor" in the scientific specialty "Obstetrics and Gynecology", regional higher education 7. Health and Sports in the professional field 7.1 Medicine.

22. 03. 2025

Varna

Prepared by

**Assoc. Prof. Dr. S. Kisiov, MD**