

## REVIEW

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Subject: Competition for the academic position "**Professor**" in the field of higher education 7. Health and sports, professional direction 7.1. Medicine and scientific specialty "**Nephrology**" for the needs of "II Department of Internal Medicine" Scientific sector: nephrology, dialysis and toxicology in the Faculty of Medicine at Medical University of Varna, announced in the State Newspaper No. 8 / 28.01.2020

### 1. General presentation of the procedure

According to the Order of the Rector of Medical University of Varna № R-109-193/03.06.2020 and Protocol № 20/16.03.2020 of the Faculty of Medicine at Medical University of Varna I have been appointed to participate in the Scientific Jury.

According to a decision of the first distant (online) meeting on 15.06.2020 I was elected Chairman of the Scientific Jury and reviewer of the competition for the academic position "Professor" in the scientific specialty "Nephrology" for the needs of the "II Department of Internal Medicine" Scientific sector: nephrology, dialysis and toxicology in the Faculty of Medicine at Medical University of Varna.

For the announced competition for the academic position of 0.5 "Professor" in Nephrology at the Faculty of Medicine at Medical University of Varna in the State Newspaper No 8 / 28.01.2020 there was an application from one candidate - Assoc. Prof. Svetla Vasileva Staykova, DSci. The set of materials on paper/electronically (USB), which I received on time, fully met the requirements of the announced competition for academic position "Professor" in Nephrology at Medical University of Varna.

Upon my detailed acquaintance with them, I did not find any violations of the procedure for participation in the competition for academic position "Professor".

## **2. Brief biographical data**

Assoc. Prof. Dr. Svetla Vasileva Staykova, DMS graduated from high school in Bourgas and higher education in medicine at the Medical University - Varna (1987). She went through all stages of the medical profession - from a doctor head of the rural health practice in the village of Lyulyakovo, Ruen municipality, through an intern in a hemodialysis center in Varna, and since 1993 parallel with her practical activity as a doctor she began her scientific carrier in Medical University of Varna.

Since 2015, Dr. Sv. Staykova has been elected as an associate professor at MU-Varna, and since 2018 she becamed Head of the Clinic of Nephrology and Dialysis at UMHAT "St. Marina" EAD.

Assoc. Prof. Dr. Svetla Staykova has 2 acquired specialties: internal medicine (1993) and nephrology (1996). All this presupposes great practical, research and teaching experience.

## **3. Research and teaching activities**

The research and teaching activity of Assoc. Prof. Dr. Svetla Staykova can be summarized as follows:

### **1. Scientometric criteria**

In my assessment of the scientific activity of Assoc. Prof. Staykova I have reviewed 57 titles after taking the academic position "Associate Professor" and they can be summarized as follows:

- ✓ Dissertation for scientific degree "Doctor of Science" - 1
- ✓ Co-authorship in writing textbooks, books and teaching materials - 4
- ✓ Full-text publications in scientific journals and papers - 29, out of which:
  - 7 foreign
  - 22 in our country, 3 of which are under printing
- ✓ Abstracts published in journals and papers - 27

From the real publications in journals and papers, Assoc. Prof. Svetla Staykova is:

- First and independent author in 16
- Second author in 8
- Third and consecutive author in 9

From the published abstracts in scientific papers, its distribution as an author is as follows:

- The first and independent author in 11
- Second author in 10
- Third and consecutive author in 6

### *Citations:*

The reference prepared in the library of MU - Varna (Cited reference №74 / 20.02.2020) states that the scientific works of Assoc. Prof. Svetla Staykova are cited a total of 13 times, and by indicators are divided into 3 groups:

- 1) Citations or reviews in scientific journals, referenced and indexed in world-famous databases with scientific information or in monographs and collective volumes - 6 pcs.
- 2) Citation in monographs and collective volumes with scientific review - 2 pcs.
- 3) Citation or review in unrefereed journals with scientific review - 5 pcs.

Based on information from the author and automated information from foreign databases from WEB of Science, Scopus and Google Scholar, Assoc. Prof. Dr. Svetla Staykova has a total of 135 points according to the list of citations.

### *Impact factor:*

A reference from the library of MU - Varna, indicates Impact factor from the publications of Assoc. Prof. Svetla Staykova - 12,698, and her total IF is 28.78 of all scientific papers.

## 2. Scientific interests

The scientific interests of Assoc. Prof. Dr. Sv. Staykova are in the following main directions:

- 1) Urine markers for early kidney damage;
- 2) Adequacy of dialysis treatment;
- 3) Psychological problems in dialysis patients;
- 4) Urinary tract infections;
- 5) Biomarkers of bone and mineral metabolism;
- 6) Congenital and hereditary diseases / anomalies with renal involvement;
- 7) Plasma purification in the treatment of immune and autoimmune diseases.

As a summary of scientific interests I can point out their theoretical validity and clinical applicability.

### 3. Teaching activity

Assoc. Prof. Svetla Staykova has over 25 years of teaching experience. She teaches students from 3rd and 5th year "Medicine" in the disciplines: Internal Medicine (Propaedeutics), Nephrology and Toxicology and has 250 lectures and exercises per year.

Assoc. Prof. Svetla Staykova participates in examination commissions for students and graduates, as well as in State examination commissions for awarding the specialty "Pediatric Nephrology" at Medical University of Varna and "Nephrology" at Medical University of Sofia.

She is a member of a number of scientific juries for acquiring an academic position and educational-scientific degree, both in MU – Varna and in MU - Sofia.

Assoc. Prof. Svetla Staykova has supervised 6 PhD students, 1 of which has successfully finished her dissertation, and 5 work successfully on their PhD thesis. She was also the supervisor of 5 graduates.

From the above I can conclude that the teaching activities of Assoc. Prof. Dr. Sv. Staykova is significant and exceeds the required minimum.

### 4. Diagnostic - therapeutic activity

Assoc. Prof. Dr. Sv. Staykova goes through all stages of clinical practice and all levels of academic career. This logically predetermines the election in 2015 as well for associate professor and appointment in 2018 for Head of the Clinic of Nephrology and Dialysis at UMHAT "St. Marina" EAD. Based on many years of professional experience as a nephrologist at the University Hospital "St. Marina" - Varna conducts training in ultrasound diagnostics in the system of after graduation training of doctors. Assoc. Prof. Dr. Sv. Staykova participates in a number of professional and scientific societies: member of the Board of the Bulgarian Society of Nephrology, Kidney Foundation, European Dialysis and Transplant Association, American Society of Nephrology, International Society of Nephrology and Balkan Association of Nephrology, Transplantation and Artificial Organs (BANTAO ).

## CONCLUSION

Assoc. Prof. Dr. Svetla Staykova, DMS is a nephrologist with many years of practice and significant scientific and practical own results in the field of nephrology. She has been defended dissertations for the scientific and educational degree "Doctor" and "Doctor of Science". Assoc. Prof. Svetla Staykova participated in the competition for academic position "Professor" with 57 scientific publications, 1 of which is DSci dissertation, 4 participations in textbooks and manuals, 29 full-text publications and 27 printed abstracts. She has a total IF - 28,78 and 13 citations in the scientific literature. Assoc. Prof. Staykova is a research supervisor of 6 PhD students, 1 of whom has successfully finished her dissertation. Her teaching activity is significantly above the required minimum.

From the presented data I think that its research, teaching and medical-diagnostic activity is definitely **above the minimum national requirements**. I accept with conviction that her candidacy meets all the criteria for holding the academic position of "Professor". This give me a reason to vote positively for her candidacy and I suggest to the respected members of the scientific jury to vote positively for Assoc. Prof. Dr. Svetla Vasileva Staykova to take the academic position of "Professor of Nephrology at the Second Department of Internal Medicine at the Faculty of Medicine in MU- Varna.

24.06.20

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