

TO THE SCIENTIFIC JURY,

Appointed by Order No. R-109-214/22.04.2025

of the Rector of the Medical University "Prof. Dr. Paraskev Stoyanov" – Varna

STATEMENT

by: Assoc. Prof. Dr. Eduard Emil Tilkiyan, PhD,

Member of the Scientific Jury under Order No. R-109-214/22.04.2025

of the Rector of the Medical University "Prof. Dr. Paraskev Stoyanov" – Varna

Subject: Procedure for the appointment to the academic position of *Associate Professor* in higher education area 7. "Healthcare and Sports", professional field 7.1. "Medicine", specialty "Nephrology" – one position: 0.5 full-time equivalent for the Second Department of Internal Medicine, Faculty of Medicine, and 1 full-time position at the Clinic of Nephrology at University Hospital "St. Marina" EAD, as announced in the *State Gazette*, issue No. 15/21.02.2025.

Candidate: Dr. Aleksandar Aleksandrov Petrov, PhD

I. CV Data:

Dr. Aleksandar Aleksandrov Petrov graduated in Medicine in 2015 with honors from the Medical University – Varna. He specialized and obtained his qualification in *Nephrology* in 2020. In 2021, he successfully defended a dissertation titled: *"The level of awareness among patients with chronic kidney disease regarding kidney transplantation and its importance in the choice of renal replacement therapy"*, earning the educational and scientific degree "Doctor" in Nephrology.

Since 2016, he has held the position of Assistant Professor, and since 2022, Senior Assistant Professor at the Department of *Nephrology, Dialysis, and Toxicology*. He practices nephrology at University Hospital "St. Marina" – Varna.

II. Research Activity:

- Dr. Petrov has significant scientific interests in the areas of chronic kidney disease, kidney transplantation, and the implementation of modern diagnostic methods in nephrology. Notably, he participated in project No. 19024: *"Identifying the causes of the high epidemiological activity of chronic kidney disease in the Municipality of Dalgopol, Varna region."*
- He is the author of one monograph: *"In Search of the 'Liquid' Biopsy: Urinary Proteomics as a New Approach in the Diagnosis and Prognosis of Chronic Kidney Disease"*, 14 articles (11 of which are published in SJR and/or IF journals indexed in Scopus and/or Web of Science), and has 12 presentations at scientific forums.
- The candidate has 4 citations (excluding self-citations), all in peer-reviewed journals.

- He has 9 years of teaching experience, actively involved in the training of medical students and nephrology residents, as well as in the development of educational materials and curricula.

III. Scientific Contributions:

The candidate has made contributions in the following areas:

- Use of innovative methods such as urinary proteomics for early diagnosis of glomerular and tubulointerstitial diseases;
- Clinical applications of genetic research in diagnosing rare kidney diseases;
- Future perspectives in transplantology, including the integration of advanced technologies such as 3D bioprinting and bioartificial organs in clinical practice;
- Promotion of a holistic and multidisciplinary approach in the diagnosis and treatment of chronic kidney disease and its complications;
- Investigation of the mechanisms and clinical aspects of anemia and erythropoietin resistance in CKD.

These contributions have broad clinical applicability and enrich the field of nephrology.

IV. Conclusion:

The presented information on the scientific, teaching, and clinical work of Dr. Aleksandar Aleksandrov Petrov fully meets the criteria for appointment to the academic position of *Associate Professor*. I recommend that the members of the scientific jury vote in favor of awarding the academic title *Associate Professor* in the specialty of *Nephrology* to Dr. Aleksandar Aleksandrov Petrov

23.06.2025

Assoc. Prof. Eduard Tilkiyan, PhD

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