### **OPINION**

by

### Prof. Dr. Razvigor Borislavov Darlenski, MD,

Department of Dermatovenereology ACK University Hospital Tokuda

Regarding the procedure for acquiring the ESD "Doctor", PN 7.1. Medicine, doctoral program "Dermatology and Venereology", with candidate Dimitar Todorov Cherkezov, MD

The candidate, Dimitar Todorov Cherkezov, MD holds the position of Head of the Department of Skin and Venereological Diseases at the "St. Sofia" Hospital - EOOD, Sofia. The presented dissertation work on the topic "Genital warts in dermatovenereological practice - diagnostic and therapeutic aspects" complies with the requirements for acquiring the educational and scientific degree "Doctor".

The dissertation is up-to-date, in-depth and of high practical significance. The study included 332 men with anogenital warts, who underwent a comprehensive clinical, virological and therapeutic study. The methodology is systematized and covers a wide range of studies - PCR-typing, evaluation of clinical data and comparison of the effectiveness of six different therapeutic approaches. The statistical processing of the results is in-depth and in line with good scientific practices.

The dissertation is structured on 130 pages, illustrated with 32 tables and 6 figures. Its content includes: introduction, literature review, material and methods, results, discussion, conclusions, contributions and bibliography. The aim of the work is clearly formulated, and the tasks are adequately defined and implemented.

## Main scientific and applied scientific contributions:

1. Conducting a large-scale study on the prevalence and characteristics of genital warts in men in Bulgaria, including genotyping.

- 2. Creating a diagnostic and therapeutic algorithm for patients with anogenital warts.
- 3. A comprehensive approach to treatment, including six methods, analyzed in terms of effectiveness, recurrence and side effects.
- 4. Assessment of the quality of life in patients and the impact of the infection on reproductive health.
- 5. Studying the role of immunomodulatory agents and developing a practical strategy for their application.

#### **Critical notes:**

- The paper indicates the effectiveness of the proposed therapeutic approaches, but the comparison between the methods can be further developed in view of the long-term results.
- The analysis of data on the prevalence of HPV infection can be supplemented with representativeness from more geographical areas.

# **Summary:**

The dissertation contains significant scientific and applied scientific results, which represent an original contribution to dermatovenereology. The candidate demonstrates in-depth theoretical knowledge and practical skills for independent research. The research is relevant, with the potential to positively influence clinical practice.

#### **Conclusion:**

I believe that the dissertation of Dimitar Todorov Cherkezov, MD meets the requirements of the Act on the Development of Academic Staff in the Republic of Bulgaria. I confidently give my positive assessment of the conducted research and propose to the members of the Scientific Jury to approve it for the award of the ESD "Doctor".

03.12.2024

Prof. Dr. R. Darlenski, MD