



CharitéCentrum für Innere Medizin und Dermatologie

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**KLINIK FÜR DERMATOLOGIE,
VENEROLOGIE UND ALLERGOLOGIE**



Klinik mit zertifiziertem
Qualitätsmanagementsystem nach
DIN EN ISO 9001:2008

ALLERGIE-CENTRUM-CHARITÉ

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Berlin, 4th of December 2019

TO WHOM IT MAY CONCERN

**Regarding the dissertation
for awarding the scientific degree "Doctor of Sciences"
of Prof. Hristo Dobrev, MD, PhD,
Dept. of Dermatology and Venereology, Medical University Plovdiv, Bulgaria.**

This letter is to certify the scientific and clinical relevance of the dissertation of Prof. Hristo Dobrev, MD, PhD, from the Dept. of Dermatology and Venereology at Medical University Plovdiv, Bulgaria. I have known Prof. Dobrev for many years on the occasion of his active participation in international conferences (e.g. World Congresses of the International Society of Biophysics and the Skin [ISBS]) and my visits to several Bulgarian Dermatology Meetings. Furthermore, I know him as an active member of our scientific community with contributions in peer-reviewed, PubMed-listed journals and three chapters to the book Practical Aspects of Cosmetic Testing. Fluhr J. (ed.) Springer-Verlag Berlin Heidelberg, 2010 (currently 2nd edition in preparation).

In his studies he included a total of 708 volunteers (411 healthy individuals and 297 patients with Raynaud's phenomenon, eczema, psoriasis vulgaris, seborrheic dermatitis and acne vulgaris). He studied also basal skin physiology regarding dry skin, oily skin and skin fatigue as well as the influence of extrinsic factors. Prof. Dobrev used non-invasive bioengineering devices such as Cutometer, Corneometer, Sebumeter, SebuFix, Visioscope, Visiopor and Capillaroscope. The investigated functional parameters included skin mechanical properties, epidermal hydration, sebum production, skin surface properties, follicular content and peripheral circulation parameters.

The published results are of high relevance and well recognized in the science community. The methods applied in his studies are based on established devices. Furthermore, his studies have practical implications for characterizing skin physiology and skin diseases. Many of these publications have been published in peer-reviewed, international, PubMed-listed journals with a good impact factors. The relevance of Prof. Dobrev's scientific work can be seen in the numbers of international citations of his publications.

His dissertation is devoted to non-invasive methods of skin functional assessment implying the practical application in the field of dermatology and cosmetic science based as tools for "functional diagnostics of the skin". In conclusion the present dissertation has the qualities and value to receive the scientific degree Doctor of Science in Dermatology and Venereology.

Sincerely yours


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