

Dissertation 'Value of the non-invasive bioengineering investigation of the human skin *in vivo*' by Hristo Dobrev, Ph.D.

To whom it may concern

Dr. Dobrev asked me to review his above dissertation. As I have known Hristo for a very long time from various congresses as a serious scientist I accepted with please to read his thesis and write a brief comment. When accepting I was not aware of the extend of his work.

His thesis is based on his extensive year-long research which resulted in an astonishing 14 studies included in the dissertation, all of them published in scientific journals. All studies have been carefully planned and professionally reported in a clear concise scientific diction.

I do not want to repeat but confirm and summarize his conclusions. Hristo Dobrev has various applied bioengineering methods to characterize and quantify basic functions of human skin *in vivo* in normal and diseased skin. The research presented in his thesis was highly original and added new insights.

In my opinion Dr. Hristo Dobrev's thesis is of enormous extend and high quality. I recommend with all due respect and no reservation to accept his thesis with accolade and to award him Doctor of Science degree.

Yours truly



Prof. Dr. med. Klaus-P. Wilhelm
President and Medical Director