

SUMMARY

This habilitation thesis includes my professional, scientific and academic activity carried out after defending the doctoral thesis in 2004, entitled:

"Clinical-statistical and laboratory research in mal perforans type trophic ulcers of the leg."

Domain: medicine, 2003, Scientific coordinator: Prof. Dr. Buțiu Ovidiu, Discipline of Dermatology, University of Medicine and Pharmacy Târgu Mureș, confirmed by the Order of M.E.C.I. no. 3876 / 19.05.2004, Qualifier: Very Good.

During this period, between 2000 and 2021, I went through all the stages of professional and academic evolution becoming a dermato-venereologist (2000), senior dermato-venereologist (2005) university lecturer (2006), and associate professor in 2016. All my activities took place at the Dermatology Clinic within the Mureș County Clinical Hospital.

Since 2000 - I am currently the Director of the private practice CMI DERMAMED, where I work as a specialist /senior dermato-venereologist, having medical clinical activity, performing dermatological microsurgery, and digital dermatoscopy.

During the 15 years of teaching activity, my activity consisted in teaching dermatology courses, being a course holder for students studying in the Hungarian language, for year V General Medicine and III Dentistry, College of Midwives and Nurses. Since February 2013, I have been teaching courses and practical works for the 5th year of General Medicine and the Faculty of Dentistry, English series, having an English language certificate. At the same time, I teach practical work for the 5th year General Medicine students from the Romanian section.

In order to be easier to quantify, I have grouped the obtained results from the scientific and research activity into four main sections:

- I. Rare clinical cases
- II. Dermatological clinical research
- III. Interdisciplinary research
- IV. Dermato-oncology

The first section - clinically rare cases - presents a series of rare cases published in ISI and BDI indexed journals. Ever since I started researching my doctoral topic, during which I delved into a rare pathology, I was fascinated by rare dermatological cases. Dermatology through the more than 2000 diseases it contains, presents several hundred clinically rare entities, of different etiologies: genetic, autoimmune, embryonal, etc., and many with unknown causes.

Deepening my knowledge of dermatology, these rare cases began to attract my attention. Their very different clinical appearance, as well as the diagnosis which is put by sophisticated paraclinical and complex histopathological examinations of these diseases, have left their mark on one of my future directions of clinical research.

The second section - dermatological clinical research - details the articles generated from clinical trials, won grants as well as the results of international multicenter clinical trials. The clinical research materialized by winning research grants, which provided the financial basis for conducting studies. My participation in many international multicenter clinical trials with important impacts on curative medicine has been beneficial to my training as a researcher and clinician.

In the third section - interdisciplinary research - are presented the publications resulting in collaboration with researchers from the University and other University centers in different specialties such as pathological anatomy, neurology, endocrinology, psychiatry, plastic surgery, and others.

The fourth section - dermato-oncology - presents the publications on this topic, a chapter of dermatology that has attracted my attention since the beginning of my career.

The results of the research, the academic and scientific activity carried out materialized in:

- Specialized books: 6 books as first author / 5 specialized chapters in collective volumes published in CNCSIS recognized publishing editing houses.

- PUBLISHED WORKS / ARTICLES:

- o ISI articles with FI: 22 articles as first author/co-author.

- o Total FCIAP: 20.693. Hirsch index=7

- o BDI articles as author or co-author: (Pubmed, DOAJ, EBSCO, etc.) 25.

- o Articles in summary as author or co-author: 79.

- o Articles category B as author or co-author: 11

- o Other articles in extenso as author or co-author (cat. C, D, CNCIS): 32

- Grants, research projects: 3 as project director/manager, 1 as a team member, 6 submitted projects, not won. 12 international multicenter clinical trials.

- Postgraduate courses: 14

- Guided diploma/bachelor's theses: 35

- Participation in national and international conferences:

- o 37 postgraduate courses in the country and abroad
- o Participation in national and international scientific events credited EMC / EFC = 58
- The publishing activity is also recognized by the presence of 147 citations in ISI journals and 133 BDI citations (Google Academic).

Scientific development proposals:

Initiating and supporting national and international research projects, as well as establishing relationships with other research groups of interest and collaborating on national and international projects. In order to capitalize on the research results, I set out to publish books in national publishing houses recognized by CNCSIS, as well as to publish articles with impact. The research part will also be reflected in the license projects in which I am involved through the active involvement of students in the research process. I will follow the constant collaboration with other colleagues from other universities, as well as the participation in as many activities organized both at the national and international level with topical issues.

Academic development proposals:

I will campaign for the individualization of the educational process according to the students' needs, and for the promotion of student-centered active-participatory methods. I want to carry out a systematic evaluation focused on the important aspects of the discipline. I will develop support for the dermatology course for dentistry and nurses. In terms of teaching, the main long-term professional objectives are to obtain the ability to coordinate doctoral studies and the teaching degree of a university professor. Another long-term priority in the didactic activity is the realization of virtual, credited courses. I want the implementation of new optional courses such as: sexually transmitted diseases, an optional course in skin phlebology and chronic ulcer care, etc. A master's degree proposal would be useful by organizing a master's degree in skincare at home for the pregnant woman and the newborn child. At the same time, I would like to improve the modern teaching methods such as TBL (team-based learning) and CBL (case-based learning) and develop the capacities for selecting, interpreting, analyzing, and synthesizing information for the future doctors.

Conf. Univ. Dr. Fekete Gyula László