

**"VICTOR BABEȘ" UNIVERSITY OF
MEDICINE AND PHARMACY TIMIȘOARA
DOCTORAL SCHOOL
MEDICINE**



**THERAPEUTIC MANAGEMENT OF AFFECTED
PATIENTS WITH ENT PATHOLOGIES AND
BORDERLINE DISEASES**

ABSTRACT

Lecturer Dr. med. HORHAT IOANA-DELIA

**Timișoara
2022**

My name is Horhat Delia Ioana and I was born in Beiuș in 1978. In 1997 I graduated from the Theoretical High School "Avram Iancu" in Ștei, and later that year I was admitted to the Faculty of Medicine.

I was attracted to the field of Otorhinolaryngology since the beginning of University. When I started working with University Professor Dr. Poenaru Mărioara and was given the opportunity to join her teaching and research team, I was extremely excited and focused my resources and skills in that direction.

I graduated from the Faculty of Medicine in 2003 and started my doctoral studies in 2007. My doctoral thesis "CONTRIBUTIONS TO THE DIAGNOSIS AND TREATMENT OF JUVENILE LARYNGEAL PAPILOMATOSIS" was presented in 2009, under the scientific coordination of Univ. Prof. Dr. Poenaru Mărioara and was confirmed by the Order of the Ministry of Education no. 3492 / 23.03.2010.

This paper, the habilitation thesis, is divided according to academic standards into four parts: (i) the first part is dedicated to scientific activity, (ii) the second part includes academic activity and academic achievements, (iii) the third part covers professional activity, and (iv) the last part contains the academic career development plan.

The habilitation thesis, entitled "THERAPEUTIC MANAGEMENT OF AFFECTED PATIENTS WITH ENT PATHOLOGIES AND BORDERLINE DISEASES" is the essence of my professional, scientific and academic activity, especially referring to the achievements obtained after obtaining the title of doctor of science in 2009. The field chosen for the doctoral thesis was otorhinolaryngology, entitled "CONTRIBUTIONS TO THE DIAGNOSIS AND TREATMENT OF JUVENILE LARYNGEAL PAPILOMATOSIS"

Chapter 1 mainly covers the primary research areas, presenting original studies, books, articles published in international journals, ISI or BDI indexed, and scientific papers presented at national and international conferences, within the current scientific context of the field of otorhinolaryngology. In recent years, I have been particularly interested in researching the following topics: laryngeal papillomatosis, juvenile papillomatosis, rare laryngeal tumors, nasal lymphoma, basal cell cancer, metachronous tumors, surgery in the field of otorhinolaryngology, microbiology, antibiotic therapy and phytotherapy .

The research is original, innovative and valuable, as it contributes to our further understanding of the field of otorhinolaryngology, and secondarily in surgical and antibiotic research.

In this chapter we also find materials of interest, aside from those directly related to otorhinolaryngology. These are original and innovative works in the fields of secondary research, principally authored by myself, as well as important methods of mass dissemination, such as textbooks or course materials.

Regarding the relevance and impact of my scientific results, the chosen research topics address directions and multivariate aspects of otorhinolaryngology, with complex integrative and multidisciplinary connections, as shown in books and published articles that attest to the originality, timeliness, integration of scientific concept, high-level, synthesis capacity, as well as a complex approach to topics pertaining to the field of otorhinolaryngology. As such, I wrote and published 7 books via CNCSIS-recognized publishing houses.

I have published 42 articles in extenso, as main author or in collaboration with other authors, in ISI-rated scientific journals with impact factor, as well as 4 articles in extenso in BDI, international databases indexed in scientific journals. I have published 50 articles in ISI indexed journals, BDI, with ISSN/ISBN. Publications in various ISI international journals have had a scientific impact and are recognized, accumulating a total of 177 citations in the ISI Web of Science system and a Hirsch index, h-index of 8. I have conducted scientific events and participated in the patenting of a medical electronic device.

Chapter 2 includes aspects of academic evolution and achievements. I went through all the stages of the academic hierarchy. In 2004, I became a university preparator in the discipline of Cellular and Molecular Biology at the "Victor Babeș" University of Medicine and Pharmacy in Timișoara. In 2011 I became an assistant professor in the discipline of Cellular and Molecular Biology, and in 2015 I became an Assistant Professor in the discipline of Otorhinolaryngology at the University of Medicine and Pharmacy "Victor Babeș". In May of this year, 2021, I promoted the competition for the position of Head of Works within the discipline of Otorhinolaryngology.

I was involved in the adaptation and modernization of teaching activities in accordance with current European and international requirements and models. We have developed teaching materials along with new courses. We organized workshops

and events for resident students/doctors. I coordinated papers presented by resident students/doctors at various scientific events and numerous diploma papers. I took part in various commissions, such as specialized exams, town hall exams and bachelor's exams.

Chapter 3 includes the evolution and the main post-doctoral professional achievements. In 2009 I became a specialist in otorhinolaryngology, and since 2013, I am a primary care physician in this specialization. My management experience can be demonstrated by the fact that, in 2020, I held the position of medical director of the Municipal Emergency Clinical Hospital of Timișoara.

Chapter 4 elaborates my plans for the evolution and development of my teaching and research career. The teaching profession is a noble one, and excellence in such a field may only be achieved through dedication and passion. Maintaining, improving, and developing the quality of the teacher, regarding the scientific research, can be obtained only through personal development born from a burning motivation, a strong inner desire for continuous improvement. Thus, I wish to continue research in the field of otorhinolaryngology and the development of current and future clinical and scientific practices in this field.

I consider that the integration of graduates into the medical labor market, by capitalizing on the skills acquired during college, is one of the great successes of university activities. Following the radical transformations in all fields of activity, including the health care system, it is important to shape and adapt the educational offer to the quality and performance requirements of modern medicine. For me, this translates to a high level of professional training. Thusly, a continuous development of methods of training students in the field of otorhinolaryngology is imperative in order to achieve effective teaching and learning of specialized notions, in accordance with European standards.

Through the future coordination of doctoral theses, I believe that I will stimulate the activity of new doctoral students and help disseminate the results of doctoral research in the scientific environment, both nationally and internationally. This will also help increase the University's visibility. I will continue to support interdisciplinary collaboration, as well as multidisciplinary, innovative, and evidence-based research.

Bibliographic references, used to describe the research activities described in the previous sections, can be found at the end of this paper.