

**UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE
„CAROL DAVILA” BUCUREȘTI**

SCOALA DOCTORALĂ

DOMENIUL MEDICINĂ

**Proiect de Implementare Națională a
Screeningului și Diagnosticului Precoce pentru
Patologia Malignă Genito-Mamară**

REZUMATUL TEZEI DE ABILITARE

CANDIDAT:

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Conferențiar universitar

Universitatea de Medicină și Farmacie

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The aim of the elaboration of the present habilitation thesis is to prove the achievement of the academic, scientific, and professional performances necessary to qualify for the coordination of PhD theses.

After graduating from “Carol Davila” University of Medicine and Pharmacy, Bucharest, ranking the 10th out of 2000 participants in the national residency competition in 2000, I embraced without hesitation the specialty to which I dedicated myself passionately and presently, obtaining, in 2006, the confirmation of specialist physician, and in 2011, of primary care physician in obstetrics-gynecology. The didactic activity started in 2004, as an Assistant Professor at Elias University Emergency Hospital and continued, since 2006, in the Obstetrics-Gynecology Department of Bucharest University Emergency Hospital. In 2016, I was promoted to Lecturer, and during the 2019 and 2020 session I won the competition for the position of Associate Professor in the Faculty of Medicine, “Carol Davila” University of Medicine and Pharmacy, Bucharest. Starting October 2020, I have been working in the Obstetrics and Gynecology Clinic of Bucharest University Emergency Hospital, Department of Obstetrics-Gynecology.

Associate professor, obstetrician and gynecologist, PhD degree at “Carol Davila” University of Medicine and Pharmacy, Bucharest, with the PhD Thesis entitled “Project for National Program for Early Diagnostic of Endometrial Cancer”, with certificates of complementary studies in ultrasonography in obstetrics and gynecology, colposcopy, hysteroscopy, gynecological laparoscopy, infertility and assisted human reproduction techniques, health services management, maternal-fetal medicine and urogynecology, Master’s degree in nutrition and food safety, I have clinical experience of 21 years and teaching experience of 17 years, I participated in 190 national and international scientific events, contributed to the organization of 17 congresses and conferences, have been invited speaker for 20 of them, I have written a book dedicated to the diagnosis of endometrial pathology and other 16 book chapters in the national language (Romanian), I coordinated the editing of the most complex book of Medical Genetics, “Thompson and Thompson” 8th edition, participating in the translation of 11 chapters of prestigious international volumes of specialty literature for Romanian students and specialists, published 101 web of science indexed articles and over 90 articles in journals indexed in international databases, having 380 participations with posters or oral communications at national and international scientific events. My research activity underlines and confirms my participation in 10 research projects.

Being a disciple of some leading personalities in the field, such as Academician Professor Virgiliu Ancăr, MD, PhD, Professor Dimitrie Pelinescu Onciul, MD, PhD, and Professor Radu Vlădăreanu, MD, PhD, I continued my specialization graduating the courses of Professor Kypros Nicolaides, MD, PhD, at the Fetal Medicine Foundation in London, still being certified, since 2005, in the first and second-trimester screening of fetal abnormalities, fetal echocardiography, Doppler ultrasonography, cervical evaluation, and fetal therapy. Areas of interest include screening and early diagnosis of genital, breast, and genetic malignancies, prenatal diagnosis, high-risk pregnancy, infertility management, abnormal uterine bleeding, ultrasound diagnosis in gynecology, nutrition in pregnancy and lactation, and preventive medicine. I am interested in research, teaching, and guiding future specialists, being an active member of the Romanian Societies of Obstetrics and Gynecology, Ultrasonography in Obstetrics and Gynecology, Endocrinological Gynecology, Medical Genetics, Urogynecology, Romanian Association for the study of Pain, International Society of Ultrasound in Obstetrics and Gynecology, International Society of Gynecological Endocrinology and European Society of Gynecological Oncology, contributing to the examination procedures of the European Board and College of Obstetrics and Gynecology (EBCOG) and being a founding member of the Romanian Society of Preventive Medicine.

Chapter 1 - “The landmarks” of my professional and academic career, includes the stages of my training as a specialist and teacher, describing the responsibilities and personal contribution to the achievements of my department.

Chapter 2 is structured in 7 subchapters for original postdoctoral scientific achievements: personal contribution to the diagnosis of Endometrial Cancer in Romania, the monography “Diagnosis of Endometrial Pathology”, development of REGU software “Gynecological Ultrasonographic Examination Report”, improving the diagnosis by elaborating the “National Guide for Gynecological Ultrasound Examination”, analyzing mortality from breast and cervical cancer in Romania, personal contribution in a global scientific context in the field of genital-mammary pathology and maternal-fetal medicine.

Chapter 3 presents the directions of evolution, development, and didactic and academic scientific coordination, and contains two sections: the first is intended to improve the implementation of early screening and diagnosis methods for genital-mammary malignancy at a national level, a personal project based on the analysis of the implementation problems of national screening programs in Romania, supporting the need

to create specialized regional screening centers with financial and operational autonomy, with dedicated staff, equipment, and standardized procedures able to ensure the development of population screening programs, according to the requirements and quality standards of the European Union; the second section of the last chapter was dedicated to argumentative presentations of research topics proposed for PhD studies. The habilitation thesis ends with the references.

My professional maturity believes that the development of the Romanian society and medical education in the last 30 years will allow the medical system to repolarize from the area of medical care of advanced cases of the disease to the area of primary and secondary prevention, in accordance with global efforts, increasing the duration and quality of life of individuals in populations whose health will be so greatly improved.