

“OVIDIUS” UNIVERSITY OF CONSTANȚA

DOCTORAL SCHOOL OF MEDICINE



ABSTRACT OF HABILITATION THESIS

**“CARDIOLOGY IN THE PERSPECTIVE OF
MULTIDISCIPLINARY RESEARCH”**

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“CARDIOLOGY IN THE PERSPECTIVE OF MULTIDISCIPLINARY RESEARCH”

My habilitation thesis entitled “Cardiology in the Perspective of Multidisciplinary Research” is a summary of my professional, academic and research development.

The thesis is edited according to the recommendations of CNATDCU, being structured in three sections. The first section describes my achievements in the field of professional, researching and academic activity. The second one outlines the proposed objectives for the scientific and academic career rising, and the third part enumerates the bibliographical sources used in the drafting of this thesis.

I entered the national programme for Internal Medicine residentship by contest in 1997, immediately after graduating from the Medicine Faculty of “Carol Davila” University of Medicine and Pharmacy, Bucharest. My university career started in 1998, as I was admitted by contest as Assistant in Internal Medicine in the Faculty of Medicine of “Ovidius” University of Constanța.

I became Doctor in Medical Sciences in 2008 with the thesis “Upper Gastrointestinal Bleeding in STEMI Patients Undergoing Thrombolysis”, under the coordination of Prof. Dr. Florea Voinea, Professor of Internal Medicine and Gastroenterology, at the Faculty of Medicine of “Ovidius” University of Constanta. I followed-up all steps of classical university teaching carrier, form *Assistant* in 1998 to *Associate Professor* in 2016. As a teacher, I tried to best guide my students in the complex field of learning, knowledge and research; I coordinated more than 20 license theses.

After getting my Internal Medicine speciality in 2002, I started the studies for my second medical speciality – Cardiology. I achieved also the degree of Senior Physician in Internal Medicine, and afterwards Senior Physician in Cardiology. From 2012 untill 2020 I conducted the Cardiology Clinic of Constanța County Emergency Hospital. In 2016 I finished my Master in the field of health financial management “Management of Pharmaceutical and Medical Institutions and Services” organized by Faculty of Medicine of “Ovidius” University of Constanta. Having as target the continuous update of my medical knowledge, I attended a lot of scientific sessions/congresses/workshops or symposiums, and also postgraduate medical lectures.

In 2012 I became Coordinator for Cardiology Specialty Residency, which involves coordinating young residents in current medical practice, but also increasing their interest in research.

Over the past 12 years, I have been implicated in a lot of research projects: national or European multicenter studies, clinical trials, national or European registries, original research projects – all of them successfully fulfilled. I have either coordinated, as principal investigator, research teams of resident doctors, specialist doctors and nurses from Cardiology Clinic of the Clinical Emergency Hospital of Constanța – or have been a member of the research teams, all of it in accordance with the international good clinical practice principles.

The publicist activity reflects 23 years of medical research within the Faculty of Medicine of “Ovidius” University of Constanta, namely 60 articles published *in extenso* in ISI Web of Science/Clarivate Analytics, ISI Proceedings or other journals indexed in International Databases (BDI), 73 articles published as abstracts in journals and volumes of scientific manifestations, with ISBN or ISSN, 29 articles presented at national/international congresses and published in abstract (except those with ISBN or ISSN), 18 articles published *in extenso* in national journals indexed by CNCSIS, 56 oral communications, 5 books/chapters published by national publishing houses, and 10 books/chapters published by international publishing houses.

Acknowledgement of academic and research activity is found in internationally indexed databases and attests the completion of the Ministry of Education and Research standards for conferring the Habilitation Certificate.

The second section of my thesis emphasizes the future directions for the evolution of my professional career as a professor and researcher. Correlation between teaching activity and researching activity is in fact the essence of being a coordinator for PhD studies. In my vision, a good doctoral leadership implies choosing individual projects integrated in extended common themes from the scientific fields of interest – in order to stimulate a constructive competition between team members and, most of all, to achieve congruent and integrative scientific results. I will continue my research activity in the same spirit of multidisciplinarity – first of all trying to fulfill my projects in the field of cardiooncology: *the impact of new cancer therapies on left ventricle function, cancer treatments and coronary damage, prevention of myocardial/ coronary damage related to oncologic treatment, prevention of cancer related thromboembolic complications, study and validation of new risk scores for thromboembolic risk in cancer patients*. In the common area of cardiology – gastroenterology, future projects are represented by: *improving the prognosis of ischemic heart disease by concomitant treatment of Helicobacter*

Pylori (HP) infection and, respectively, *estimating upper gastrointestinal bleeding risk associated with direct oral anticoagulants in patients with HP infection and influencing this risk by eradicating HP infection*. An ample project involving onco-cardio-gastroenterology is represented by *the study on the influence of intestinal microbiota on the response to immunotherapy in cancer patients*, a research project that will participate in internal/external competitions in order to obtain funding.

The academic activity will continue in the same spirit. I will keep on guiding and involving students and cardiology residents in the complex process of learning and researching. I will continue to organize and be part of scientific meetings, symposiums and workshops with subjects related to cardiology and connected disciplines – and I will imply my learners to be part of it. I will also continue to guide students in the research activity in order to realize their license thesis. I will encourage the residents and young PhD students to apply for scholarships for clinical research and fundamental research, and also to train in new emerging overlapping specialties. The research activity will continue to be exposed either in articles published *in extenso*, in specialized journals, indexed in international databases – BDI), or in oral and/or poster communications at national/international medical events, thus increasing the visibility and reputation of the Faculty of Medicine of the “Ovidius” University of Constanta.

I conclude that this habilitation thesis, in which I enumerated a part of my professional, academic and research achievements, gives the necessary arguments that favor my acceptance as habilitated PhD coordinator of the Doctoral School of Medicine of “Ovidius” University of Constanta.

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