

**Abstract of habilitation thesis Prof. univ. dr. Mihaela Cezarina MEHEDIȚI**

**ABSTRACT**

The habilitation thesis entitled “**Histological and immunohistochemical approaches in clinical and pharmaceutical context**” is structured according to the criteria recommended and approved by CNATDCU, into three sections, highlighting both the overall and the detailed image of the main concerns and objectives of my academic career so far.

**SECTION I** presents professional, scientific, academic and research achievements, including the various stages of my career development, together with the most important publications - books and monographs, research grants obtained through competition, scientific articles published in ISI, and BDI indexed journals or scientific awards. Also in this section are presented the main results of my research work.

A graduate of the University of Medicine and Pharmacy Craiova, class of 1994 specialization in general medicine, I have gone through the stages from Resident Physician to the present, Radiology and Medical Imaging Specialist.

From 1995 as a university preparator I went through all the teaching stages up to that of associate professor at the Faculty of Medicine and Pharmacy of "Ovidius" University of Constanta and full professor at the Faculty of Medicine and Pharmacy of "Dunărea de Jos" University of Galați, where I teach (the discipline of) Histology.

The beginning of my research career was represented by my doctoral thesis, entitled “**Histological study of the thermally aggressed skin and subjected to treatment in conditions of hyperbarism**” , doctoral coordinator: Prof. univ. dr. Florin Bogdan, University of Medicine and Pharmacy Craiova, 2003.

Both my doctoral and postdoctoral research activity, as well as the preparation and specializations prior to the completion of the doctoral thesis on the one hand, as well as the medical, scientific, editorial, research and professional training concerns, following the support of the doctoral thesis, on the other, have created solid arguments for the elaboration of this thesis of habilitation in the field of Health.

**Școala doctorală de Științe Biomedicale**

During my academic, scientific but also professional and medical education career, I have benefited from a consistent number of courses, certificates and specialization and overspecialization programs in several university centers in the country and I have obtained **Abstract of habilitation thesis Prof. univ. dr. Mihaela Cezarina MEHEDIŢI**

the skills necessary to work as a physician, and I also have numerous postgraduate courses and academic orientation, paying special attention to the training of students and young doctors.

A first research direction has as a theme " **Histological and immunohistochemical studies of periodontitis and retina in patients with diabetes** ". The topic of the second research direction is " **Contributions to the study of histological changes in bone and skin due to the influence of physical factors** ". The third research direction focusses on the subject " **Immunohistochemical studies of dental tissues** ".

In **SECTION II**, I presented the development directions regarding my academic career and scientific research, based on my professional experience and, on the other hand, on the research perspectives offered by the infrastructure of the "Dunarea de Jos" University of Galati, Faculty of Medicine and Pharmacy and on the collaboration with other University centers in the country regarding laboratory medicine issues.

The evolution and development directions of my own career will be organized and presented in three categories: research directions to be developed; teaching directions; targeted modes of action for their implementation.

**SECTION III** mentions the most recent and important bibliographical references studied in detail for the elaboration and defense of this habilitation thesis, representing the scientific support of my research activity.

**PROF. UNIV. DR MIHAELA CEZARINA MEHEDIŢI**