

ABSTRACT

During the 29 years of activity in the field of legal medicine, I carried out my activity on four main levels: 1. the activity in the specialty of Forensic Medicine; 2. teaching activity at the Forensic Medicine Discipline of UMFIIH Cluj-Napoca; 3. scientific activity; 4. managerial activity.

The activity in the specialty of Forensic Medicine has evolved through all stages of professional training as a resident doctor (1993-1998), specialist (1998-2003) and primary (2003 – present). I have accumulated a vast experience in the field, carrying out over 7500 cases of medico-legal necropsies, trauma medico-legal expertise and medico-legal psychiatry.

The teaching activity, totaling 16 years, was carried out at the Forensic Medicine Discipline of UMFIIH Cluj-Napoca, starting in 2008 as a university assistant, then from 2012 lecturer and from 2022 associate professor, and from 2020 as head of the Forensic Medicine Discipline. I mention that the doctoral internship in the field of Medicine; at the Faculty of Medicine of UMFIIH Cluj-Napoca, it took place between 2006 and 2012, and in 2012 I became a PhD of Medical Sciences with the doctoral thesis "Epidemiological aspects of juvenile delinquency in Transylvania", the scientific conductor being Prof. Dr. Felicia Iftene (UMFIIH Cluj-Napoca/Queen's University Kingston, Canada). The didactic activity materialized by supporting practical works and courses in the Forensic Medicine Discipline with the students of the faculties of medicine and dentistry, in the teaching lines in Romanian and French, respectively in the master's degree "Advanced research in forensic investigation and in forensic medicine", the coordination of numerous undergraduate theses and dissertations, as well as guidance and coordination of residency trainings in Forensic Medicine.

The scientific activity resulted in the publication of 75 scientific articles (53 in ISI indexed journals of which 24 as the main author, 11 in BDI journals, 11 in non-indexed journals), 2 books as a co-author and 17 book chapters. I have tackled multiple research directions closely related or related to forensic medicine, such as: establishing predictive factors of violent crimes, juvenile delinquency, medico-legal diagnosis in murders/crimes committed with violence, medico-legal diagnosis in sexual assaults, psychiatric and psychological medico-legal diagnosis, suicide, diagnosis of death due to infection with the SARS-CoV-2 virus, the impact of the COVID-19 pandemic and other infections from the perspective of legal medicine, respectively of community medicine, the assessment of the health impact of some sources of pollution.

I perform the managerial activity as the Director of the Institute of Forensic Medicine Cluj-Napoca from April 2017 - to the present (preceded by a previous period between February 2011 - April 2013), and from October 1, 2020 by taking over the position of head of the Forensic Medicine Discipline of UMFIIH Cluj-Napoca. Within the Institute of Forensic Medicine Cluj-Napoca, I lead its activity and represent it in relations with the Ministry of Health, Courts, Prosecutor's Offices, Police bodies, other central and local public authorities, I coordinate the activities of the Forensic Medicine Services territorially divided (Cluj, Alba counties, Bistrița-Nășăud, Maramureș, Satu-Mare, Sălaj and Sibiu), I coordinate joint activities with local criminal investigation bodies (Police, Prosecutor's Office, Court of Appeal, Court of Appeal) in cases of suspicious deaths or other crimes (sexual assault, traumatic injuries related to crimes of violence and traffic accidents, etc.) and prepare medico-legal reports on medico-legal case studies (autopsies, trauma medico-legal expertise, medico-legal psychiatry). I contributed to the development and modernization of the institute's infrastructure by accessing two infrastructure development projects financed by the European Union (a

POIM 2020-2022 project and an ongoing PNRR project). As head of the Forensic Medicine Discipline of UMFH Cluj-Napoca, I coordinate the didactic, research and administrative activities of the discipline.

Among the proposals for the development of the university career in the didactic plan, I mention: the modernization of the curriculum, the permanent updating of the taught courses and practical works, the development of new course materials and practical works, the modernization of teaching resources, the development of the human resource of the discipline, the development of books and specialty treatises for resident physicians. The proposals for the development of the university career in a scientific plan aim at: the involvement of students and residents in research, the continuation and development of the started research directions, the approach of new fundamental and applied research directions, the management of new molecular analysis methods by introducing the DNA sequencing method, the application to new interdisciplinary research projects, increasing the number of PhD studies completed in co-supervision at the national and European level, creating a postdoctoral studies program, etc.