

MANAGEMENT OF RISK BEHAVIORS IN VULNERABLE COMMUNITIES (PREGNANT WOMEN, CHILDREN, TEENAGERS)

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ABSTRACT

This habilitation thesis highlights the main aspects of my scientific, professional, and academic activity since I graduated my PhD thesis in Medicine domain, in 1999, with the work entitled *The Incidence of Hepatitis B Virus infections in different populations vulnerable population groups*.

The professional, academic and research activities were carried out at the University of Medicine and Pharmacy of Tg. Mures, from 1994 until today, at the pre-clinical department M2.

Scientific Achievements:

The PhD thesis has been centered on the monitoring the risk of hepatitis B virus contamination in vulnerable groups, and further scientific works has completed this line on several interdisciplinary sides like environmental hygiene, food safety, diet, and life style risk behaviors management.

The main goal of my scientific activity in the last decade was to evaluate the risk profile of vulnerable population groups (especially pregnant women and children), specific to our area, in order to develop future efficient prevention programs.

During 2000-2017, I have published 6 articles in ISI journals with IF (6 as main author and 9 as co-author), with a Total Impact Factor of 10.12, also 4 articles in ISI journals without IF, 33 articles in BDI category journals (of which 16 as main author), 5 articles as coauthor in volumes with ISBN, 7 articles as coauthor in B category journals, 13 abstracts published in volumes of conferences with ISSN and ISI indexed ISI (of which 5 as the first author) and 109 abstracts from volumes of national scientific conferences with ISSN (of which 20 as the first author). I was an active participant in 6 international scientific events and 87 national ones. In addition, my scientific activity was evidenced by the publication of 12 books (of which 9 specialized books as main author and 2 as co-authors) and 5 manuals and guides for students.

Observational studies and research projects that I have been involved in, have provided me with the theoretical basis for conducting research projects. Thus, we have gained experience over the years in developing projects such as: director / responsible in 3 international and 3 national projects, 11 national grants as a member and also in 6 POSDRU projects as short-term expert.

Professional Achievements:

I graduated from the University of Medicine and Pharmacy of Tg. Mures, Faculty of Medicine, in 1992, and since then during the academic and medical career:

- I went through professional promotion stages, in the field of Food Hygiene (Nutrition and Food Safety), from Residency to Specialist in 1998, followed by Senior Specialist in 2003;
- I obtained Competences in *Public Health and Health Management*, in *Scientific Research Methodology and Reproductive Health*, as well as in Evidence-Based Nutrition;
- I worked in 2001-2008 as Senior Specialist in Hygiene at the Mures Public Health Center, affiliated with the National Public Health Institute, and since 2016 I am the head of the Department of Environmental Health;
- I am an ARACIS expert evaluator since 2007;
- I participated in 22 postgraduate and professional training courses, national and international, and I had coordinated 20;
- I am a member of: Romanian Society of Hygiene, Romanian Association of Public Health and Health Management (affiliated with EUPHA), Romanian Society for Physicians for children and youth collectives, Romanian Association of Nutrition and Dietetics;
- I was the coordinator of 10 national scientific events in the last 10 years;
- I was a referee member in 30 committees for doctoral thesis graduation (at UMPH Timisoara, Sibiu, Cluj and Tg. Mures) and also a member of 8 coordinating committees for PhD students from UMPH Tg. Mures.

Academic Achievements:

In 1996 I became an Assistant Lecturer at the Hygiene Discipline of UMF Tg. Mures, then an Lecturer in 2004, an Associate Professor in 2006 and full Professor in March 2017.

As Lecturer I covered all Hygiene courses for General Medicine Romanian section plus different disciplines for all the specializations of the three faculties of UMPH Tg. Mures (Medicine, Dentistry and Pharmacy). I have introduced new courses at Bachelor programs of General Medicine, Nurses, Midwives, Nutrition and Dietetics, Physiokinetotherapy, Physical Education and Sport, Medical Cosmetics, and also at the Clinical and Community Nutrition Master program.

Within the academic activity I have conducted in the last 15 years the scientific research group of students in order to prepare their bachelor's and dissertation papers, I have organized and supported as a lecturer postgraduate courses as well as congress attendees.

Since 2013, I have become the head of the *Community Nutrition and Food Safety* Department, the coordinator of the Bachelor's Program in *Nutrition and Dietetics* and of the Community Nutrition Master Program as well. I have coordinated the development of this new profession of Dietitian at national level by developing and sustain the Romanian Dietitian Law.

From 2012 until 2016 I was the ViceDean and than the Dean of Medicine faculty, here at our university, being also involved in many working committees, thus gaining managerial experience; currently I am a member of the Student Affairs Committee of Medicine Faculty and the Bachelor's and Master's Degree Committee from the Senate, also a member of the Medicine Board and the Senate.

As **future prospects in academic and scientific carrer** I propose myself the following:

- ✓ In the scientific field, I will continue to collaborate with my colleagues, also students, in the field of nutrition and prevention of risk behaviors, and disseminate the results obtained in valuable publications in high IF journals;
- ✓ I will support interdisciplinary collaboration in research and between universities, as well as the extension of international cooperation through research programs and projects, also the development of nutrition guidelines at national level;
- ✓ I will initiate an *Integrated Nutrition Research Center* in Tg. Mures city, in order to attract dietician specialists from all over the country for research and information at a higher level, along with other medical, agro-alimentary, psychological and sports specialists;
- ✓ A personal pursuit is to continue to support the new profession of dietician by organizing the National Registered Dietitian Examination and to help and monitore the professional insertion of our Dietitian graduates at national level and support their involvement in research activity.

