



**Professor Maria Tsironi**

**Current Position** Professor of Internal Medicine at the Department of Nursing, University of Peloponnese

Dr Maria Tsironi was graduated from the Medical School of the National University of Athens in Greece in 1992. She was diplomated by the Greek Board of Internal Medicine in 1999. She received her PhD with Honors at the University of Athens in 2002 (“Myocardial perfusion and function in sickle-beta Thalassemia”) and obtained a MSc in Management of Health Services at the Hellenic Open University.

She was trained in the cardiological assessment of thalassemia patients (Medical School, National and Kapodistrian University), approved by the Central Health Committee of the Health Ministry and in cell cultures focusing on hemoglobinopathies ( Université Paris 7 Denis-Diderot, Institut Claude Bernard-Hopital Robert Debre. Unite de recherché U458, Paris, France ) as a visiting physician. She has efficiently been trained in “Life Support” as provider and instructor and she has followed training courses in hematology provided and certified by the European School of Hematology.

She was elected Assistant Professor in Internal Medicine at the Nursing Department, University of Peloponnese in January 2008 and she was appointed to that position in December 2008. She was elected Associate Professor in Internal Medicine at the Nursing Department, University of Peloponnese in December 2010 and appointed to this position in May 2011. She was elected Professor in Internal Medicine at the Nursing Department, University of Peloponnese in February 2017 and appointed to this position in July 2017.

Throughout the course of her medical career, clinical work was the focus of her interest. She works as Internal Medicine Consultant(National Health System 2000-2009, since then in private practice). She has organized the Thalassemia Unit in Sparta General Hospital, Laconia, Greece where she served as Chief Consultant (2004-2009).

#### **TEACHING EXPERIENCE**

As an Assistant Professor and Associate Professor she was teaching and being responsible for the lessons “Internal Medicine” and “Therapeutics”, and as an Assistant Professor she was also teaching and being responsible for the lessons “First Aid”, “Pathophysiology”, “Pharmacology” of the Undergraduate Program of the Nursing Department, University of Peloponnese. She has also given lectures in “Anatomy”(2014-2015) and “Microbiology”(2014-2014) for the Undergraduate program.

Apart from the Nursing Department, as a Scientific Associate of the First Department of Internal Medicine, National and Kapodistrian University of Athens (Director: Professor Gerassimos Pangalis 2003-2007, Director: Professor Athanassios Aessopos 2010-2011) she was involved in the annual undergraduate program of bedside training. She has also given lectures “First Aid” at the Nursing Department, National and Kapodistrian University of Athens( 2008-2010) as an invited professor, and lectures in Tallinn Health Care College, Department of Nursing (12/2012) as a Visiting Professor(Participation through the ERASMUS mobility program).

She has also a teaching experience in Postgraduate Programs, being the main tutor in “Emergency Health Care” of the Postgraduate Program “Management of Health Services and Crisis Management” at the Nursing Department, University of Peloponnese (2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016), giving also lectures at the same program for the lessons of “Epidemiology”( 2010-2011), “Research Methodology and Statistics” (2011-2012), “Principles of the Administration of Organizations and Projects” ( 2012-2013) and “Crisis Management in the Developing World” (2015-2016).She has given lectures in the Module “Safety and Hygiene in the work environment” of the Postgraduate Program in Sports Management at Sports Management Department, University of Peloponnese and in the module “Sports Medicine” of the Postgraduate Program in Exercise Biology of the School of Physical Education and Sport Science, National and Kapodistrian University of Athens. Furthermore, she has the experience of the e-learning and distance training, teaching at the Postgraduate Program “Management of Health Units” of the Hellenic Open University as an External Professor in the Module “Health Services/hospitals” (2014-2015,2015-2016).

As a medical Consultant of the National Health System she has been actively participating in the training of Internal Medicine and General Medicine Fellows through everyday clinical practice, lectures and courses. She has been an active BLS, PHTLS,ALS Instructor while she has given lectures and organised lessons for the Nursing Staff of Laconia General Hospital and the Hellenic Red Cross.

During the last 10 years , she has given more than 50 lectures on various subjects of Internal Medicine, focusing mainly in hemoglobinopathies, anemias and zoonoses in different meetings and congresses, national and international ones.

## **RESEARCH WORK**

The cardiac involvement of thalassemia and sickle cell disorders has been her main clinical and research field, with particular reference to iron overload in these conditions. Her research is focused on the impact of hemosiderosis and iron chelation on cardiac function of thalassemic(major and intermedia) patients, and on the inflammatory character of sickle cell disease. She has a broad scientific interest in this field, including quality of life of hemoglobinopathies patients and presentation of rare clinical cases, as indicated by her doctoral thesis, her dissertation, the respective publications and the theses that she supervises. A second axis of her research work focuses on the biology of exercise, the effects of exercise-induced inflammation and the relevant biomarkers which forms a great part of her published work.

As Assistant and Associate Professor, she was the Nursing Department coordinator for the “National Survey on adolescents Mental Health”( organized by the University Mental Health Research Institute (UMHRI),University of Athens,Medical School-2007,2010,2014).She has also taken part as investigator in 2 research protocols funded by the University of Peloponnese, as expert physician in the ESPA(co-financed by the European Union and National Resources) program “BLS providers education” and as expert physician in a Public Health program of the Medical School, University of Thessalia. She participates in the Horizon 2020 call in the topic “Big Data supporting Public Health policies” by the Thalassemia International Federation (TIF) (title: “Bulding a Scalable HAEMATologi BIgData Infrastructure for Europe (HaemaBID)”).

She has supervised as the main supervisor 5 **PhD Degree Students** and she is now supervising 5 more at the Nursing Department, University of Peloponnese and as a co-supervisor 6 ( 2 fulfilled) at the Nursing Department, University of Peloponnese, 1 at the

Sports Management Department, University of Peloponnese (fulfilled) and 2 at the School of Physical Education and Sport Science, National and Kapodistrian University ( fulfilled).

She has supervised as the main supervisor of more than 30 **dissertations** at the Postgraduate Program in Management of Health Services and Crisis Management, Nursing Department, University of Peloponnese, and 5 at the Postgraduate Program in Health Services Management, Hellenic Open University and she was a co-supervisor(member of the advisory committee) for 75 dissertations at the Postgraduate Program in Management of Health Services and Crisis Management, Nursing Department, University of Peloponnese, 2 at the Postgraduate Program in Sports Management, Sports Management Department, University of Peloponnese, and 1 at the Postgraduate Program in Exercise Biology ,School of Physical Education and Sport Science, National and Kapodistrian University of Athens.

### **ADMINISTRATIVE AND ORGANIZING EXPERIENCE**

She has a strong administrative and organizing experience as she holds and has held various academic administrative positions. She has served as **Deputy Rector**(10/2013-5/2015) and member of the Senate(2/2013-5/ 2015) of the University of Peloponnese. She was the **Vice President of the Research Committee** of the University of Peloponnese(1/2013-12/2015 ) and Member of the University Quality Assurance Unit(9/2009-2/2010).She was the **Head of the Nursing Department**, University of Peloponnese (12/2012-9/2014) and she is the **Director of the Steering Committee and the Scientific Supervisor of the Postgraduate Program** “Management of Health Services and Crisis Management”, Nursing Department, University of Peloponnese (12./2013-present). . In 2/2016, she has been elected as **Head of the new established Laboratory “Epidemiology and prevention of Diseases and Hemoglobinopathies”** at the Nursing Department.

She has served as the Departmental Academic Coordinator of the Program: "Students' practical training University of Peloponnese" of the Operational Programme "Education and Lifelong Learning" 2007-2013, co-financed by the European Union and National Resources supervising the program and evaluating students(2/2010-10/2016), and during 2009-2010 as the Departmental Academic Coordinator of the Erasmus program. She is Member of the Internal Evaluation Unit, Nursing Department from 2014 till present. She was member or President of the Electory Committee for the Faculty of Nursing in different Subject areas.

She has been a member of the Organizing and /or Scientific Committee of different Meetings. She is the elected President of Laconia Medical Association(2011-present) and member of the Panhellenic Medical Association(2007-present). As a result of her work and experience recognition, she has been part of the Scientific Committee of the Greek Ministry of Health for the “Reform of Primary Health Care System”(2013) and she is the Coordinator of the Primary Health Care Division of the Scientific Research Institute of the Panhellenic Medical Association(6/2016-present).

### **EDITORIAL WORK**

She is member of the Editorial Board of the Journal “Anemia” , “Archives of Hellenic Medicine”, “Achaiki iatriki” and she has served and serves as an external reviewer of different Journals(i.e .Canadian Medical Association Journal, Hemoglobin, BMC Infectious diseases, Journal of Family Medicine). She has contributed with **Chapters to 18 books**( 2 in Athens Medical School Editions ) and she has **redacted the greek edition of 18 books**, including the greek edition of “Guidelines for the clinical management of thalassemia” by the Thalassemia International Federation.

She has published **94 full papers in SCI Journals, 12 full papers in non-SCI Journals and 53 full papers in greek Journals.** According to Scopus ,Elsevier B.V she has 123 cited documents,1300 citations and h-index 19, while according to Google scholar she has 2110 citations-69 self citations and h-index 24. She has presented more than 100 abstracts in international congresses(34 of them published in peer-reviewed journals with IF) and 174 abstracts in greek congresses.