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I graduated from the School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece in 1980. In 1990 I received the Specialty of Nephrology and in 1997 I completed my PhD Thesis ("Complement complex C5b-9 and adhesion molecules in the pathogenesis of human idiopathic membranous nephropathy. *Study with monoclonal antibodies*", School of Medicine, Democritus University of Thrace, Greece). In 1992, I received a Postdoctoral fellowship grant from the Hellenic Society of Nephrology for postgraduate studies in USA (Division of Nephrology, Harvard Medical School, Brigham and Women's Hospital, Boston MA, Director Prof. Barry M. Brenner). During my 3-year stay in the above Department, I acquired skills in a) whole animal models of glomerular inflammation and ischemia-reperfusion injury and b) mesangial and endothelial cell cultures and *in vitro* assays of cell-cell interaction. In addition, I became proficient with the use of molecular biology techniques such as northern analysis, polymerase chain reaction (PCR) and *in-situ* hybridization. My research was focused mainly on the role of leukocyte adhesion and lipoxygenase products, both *in vitro* and *in vivo* in the pathophysiology of glomerular inflammation. This work established that the lipoxins are generated by cell-cell interaction during glomerular inflammation *in vivo* and are potent inhibitors of leukocyte-endothelial cell interactions *in vitro* and *in vivo*. In recognition of my work, I was awarded a grant from the Juvenile Diabetes Foundation USA and I was appointed Instructor in Medicine at Harvard Medical School, Boston USA.

Upon my return in Greece, my research was focused on the determination of various inflammatory mediators including adhesion molecules, cytokines and growth factors in the serum or/and the urine of patients with various types of glomerular disease. The aim of the above studies was to investigate the role of those factors in the pathogenesis of the diseases as well as their potential value as markers of disease activity and the response to treatment. Results of these studies were presented in National and International Congresses and published in National and International Journals. In addition currently, I participate in the studies of European IgAN Consortium and in the POST-VALIGA studies of the ERA-EDTA (European Renal Association-European Dialysis and Transplant Association) Immunonephrology Working Group (IWG).

In parallel with the above studies, endothelial adhesion molecule and certain cytokine levels were determined in patients with end-stage renal disease on hemodialysis or peritoneal dialysis therapy. The purpose of these studies was to investigate their probable association with the development and progression of atherosclerotic vascular changes which are the main cause of the increased morbidity and mortality observed in these patients. In addition, the value of the above molecules as biological markers of the extent and the severity of atherosclerosis and as predictors of cardiovascular events and mortality was investigated. Finally, in the last 10 years,

my main research interest is chronic renocardiac syndrome (cardiorenal syndrome type IV) and bone-vascular axis and particularly the mechanisms underlying the correlations between mineral and bone metabolism and vascular calcifications that are frequently observed in patients with chronic kidney diseases and contribute to the high cardiovascular mortality and morbidity rate of this patient population. Results of the above studies were presented in National and International Congresses and published in National and International Journals. Moreover, I gave several lectures in National and International Congresses on topics related to my research interests and I designed research protocols for MD thesis on topics related again to my research interests and supervised them. Finally, currently I am a member of the PROF-IMT and Prof-ATHERO Study Groups and I participate in multicenter studies aimed to investigate the association between progression of atherosclerosis, as assessed by serial measurements of common carotid intima thickness, with future cardiovascular events in different patient populations as well as the correlates of this progression.

During the last 3 years I participated as a Principal Investigator in 11 funded multicenter studies (6 are in progress) and in 2 out of them I was National Leader for Greece.

I reviewed papers submitted for publication in many international journals including the major Nephrology journals such as American Journal of Kidney Diseases, American Journal of Nephrology, Kidney & Blood Pressure Research, Kidney International, Nephrology Dialysis Transplantation and Nephron.

I was a member of the Committee for Continuing Medical Education of the Hellenic Society of Nephrology and I participated in the evaluation of proposals for postdoctoral fellowship grants awarded by the above Society. Also, I participated in the evaluation of research projects submitted for funding by programs of the Greek Ministry of Development-General Secretariat of Research and Technology and by programs of the Food and Health Bureau of the Hong Kong SAR Government. I evaluated abstracts submitted for presentation in National and International Congresses and I was a member of the Organizing and/or Scientific Committees of several National and International Congresses. Finally, since 2016, I am National representative in the UEMS (European Union of Medical Specialists) Renal Section which works in strategies that aim to harmonize Nephrology training in all European countries and established the European Nephrology Examination initiative as well as in strategies that aim to recruit the best young medical fellows for Nephrology.

From 2004-2008 I was a member of the editorial board of the journal Hellenic Nephrology, official publication of the Hellenic Society of Nephrology, from 2008-2012 I was Deputy Editor and since 2013, I am Editor-in-Chief of the above journal. In addition, I am a member of the editorial board of the several international journals.

I am member in 2 Greek and 9 International medical societies. I was elected Vice President (2014-2016) and President (2016-2018) of the Hellenic Society of Nephrology. In recognition of my achievements in Nephrology in 2018 I was nominated FERA (Distinguished Fellow in Nephrology) by the ERA-EDTA Council.

I have more than 100 publications in National Medical Journals and chapters in books and more than 130 publications in peer reviewed International Medical journals and chapters in books. The total impact factor of my publications (excluding abstracts) is more than 350 and I had more than 2500 citations in August 2018.