

BRIEF CURRICULUM VITAE

Eudokia Mandala, MD, PhD

Associate Professor in Haematology,

School of Medicine, Faculty of Health Sciences,

Aristotle University of Thessaloniki, Greece

Forth Department of Medicine,

Office address: Hippokraton Hospital, Constantinoupoleos 49,

Thessaloniki 54642, Greece

Home address: Karolou Diehl 12, Thessaloniki 546 23, Greece

E-mail: emandala@auth.gr, eudokiamandala@gmail.com

Tel 0030 2310 99 28 66, 0030 2310 89 20 96

Mob 0030 6944 42 52 50

Citizenship: Greek

Family status: Married, three children

DEGREES-CERTIFICATIONS

1. Medical Degree (Ptychion Iatrikes), Faculty of Medicine, Aristotle University of Thessaloniki, Greece (MB BS; grade Excellent, 9 7/32 out of 10), 1986
2. Training Certificate "Computing in Health Sciences", 350 hours duration, under the auspices of European Union-ECF, 1990
3. Ptychion of Pedagogical Studies, Department of University Graduates, grade 8.9 out of 10, 1993
4. Doctoral Theses, AUTH, grade Excellent, 1997
5. Specialty of Haematology Board Certification, 1998
6. Certificate of Inclusion in the Register of Instructors / S.E.K. (Continuing Professional Training) of E.KE.PIS. (National Center for Certification of Structures), 2002
7. Introductory Education Instructors' Programme, Faculty of Medicine, AUTH, 2003

Foreign Languages

8. Zertificat Deutsch als Fremdsprache, Goethe Institute, 1978
9. First Certificate in English, Cambridge University, 1980
10. Certificate in English, Level C2 (Proficiency) of the Common European Framework, 2007

EDUCATION

1980-1986 Medical Degree, Faculty of Medicine, Aristotle University of Thessaloniki

1983-1986	Research assistant in the Experimental Physiology Laboratory AUTH, Prof. Apostolakis M.
Summer 1984	Training in the Haematology Department, (Erste Medizinische Universitätsklinik), Wiener Allgemeines Krankenhaus, Wien, Austria
Summer 1985	Training in the Internal Medicine Department (Servicio de Medicina Interna), Hospital "Virgen De La Salud", Toledo, Spain
1987	Training in the speciality of Anaesthesiology for 6 months
1989-1991	Training in Internal Medicine
1991-1994	Clinical Research Fellow, Department of Haematology, B' Propaedeutic Clinic of Internal Medicine, AUTH, Hippokration Hospital, Thessaloniki, Prof. Metaxas P.
1992	Training in endoerythrocytic enzymes' measurement methods, Clinical Research Laboratory, 401 General Military Hospital, Athens, Prof. Tegos K.
1993	Pedagogical Studies in the Department of University Graduates
1994-1998	Clinical and Research Fellow in Haematology, Department of Haematology, B' Propaedeutic Clinic of Internal Medicine, AUTH, Hippokration Hospital, Thessaloniki, Prof. Sinakos Z.
1997	Doctorate award (Excellent), Medical School, AUTH
1998-1999	Postdoctoral Research Fellow, Academic Department of Haematology and Cytogenetics, Institute of Cancer Research, Royal Marsden, Fulham Road, London, UK, Prof. Catovsky D.
2002-2003	Participation, attendance and exercising in the biannual Introductory Education Instructors' Programme, Faculty of Medicine, AUTH
2017	Postgraduate training for a period of 6 months in the Bone Marrow Transplantation Unit, GEORGIOS PAPANIKOLAOU General Hospital, Coordinating Director Dr. A. Anagnostopoulos

EMPLOYMENT HISTORY- CLINICAL EXPERIENCE

5-10.1987	Residency in Anaesthesiology, Department of Anaesthesiology, AHEPA Hospital, Thessaloniki
1.1988-4.1989	General Practitioner, Health Centre of Agia, Thessaly
4.1989-4.1991	Resident in Internal Medicine, B' Clinic of Internal Medicine, Larissa Hospital, Director Dr Dovas A.

- 4.1991-8.1994 Clinical and Research Fellow in Haematology, Department of Haematology, B´ Propaedeutic Clinic of Internal Medicine, AUTH, Hippokration Hospital, Thessaloniki.
- 8.1994-9.1998 Resident in Haematology, Department of Haematology, B´ Propaedeutic Clinic of Internal Medicine, AUTH, Hippokration Hospital, Thessaloniki, Prof. Sinakos Z.
- 12.1998-12.1999 Postdoctoral Research Fellow, Academic Department of Haematology and Cytogenetics, Institute of Cancer Research, Royal Marsden, London, UK, Prof. Catovsky D.
- 4.2000-12.2001 Consultant Haematologist, Department of Haematology, “Papageorgiou” Hospital, Thessaloniki, Director Dr Korantzis I.
- 2002-present Academic and Consultant Haematologist, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Forth Department of Medicine, Hippokration Hospital, Thessaloniki, Greece

Academic Appointments

- 6.2001 Lecturer in Haematology, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Forth Department of Medicine, Hippokration Hospital, Thessaloniki, Greece
- 5.2007-2.2011 Assistant Professor in Haematology
- 3.2011 Permanence in the rank of Assistant Professor, subject "Hematology",
- 2.2014 Appointment in the rank of permanent Associate Professor, subject "Hematology",
- 2014-present Permanent Associate Professor in Hematology, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Forth Department of Medicine, Hippokration Hospital, Thessaloniki, Greece

POSTGRADUATE STUDIES

I have been working as a Postdoctoral Research Fellow within the Academic Department of Haematology and Cytogenetics, Institute of Cancer Research, based at The Royal Marsden Hospital, Fulham Road, London, UK, under Prof. Catovsky Daniel, 1998 to 1999. I was concerned with both clinical (inpatient and outpatient clinic) and laboratory work, learning and practising immunophenotypic by flow cytometry, quantitative flow cytometry, detection of minimal residual disease (MRD)

and cytogenetics by fluorescence in situ hybridization (FISH) in human leukemias and lymphomas. In addition, I had actively participated in all of the departmental activities, which comprised ward rounds, X-ray meetings, clinical research seminars, all slide review meetings (in collaboration with the Haematopathology Laboratory, Head Dr A. Wotherspoon) and attended many postgraduate educational courses.

With Dr E. Matutes I developed a variety of flow cytometry techniques aimed at investigating the expression of some proteins involved in cell cycle and/or coded by tumour suppressor genes such as cyclin D1 or p53 in lymphoid malignancies, as well as a project on an experimental antibody expression in acute leukemias, association with 11q23 chromosomal abnormalities and clinical outcome. I also had experiments on a novel peripheral blood cell with B-cell phenotype and dendritic cell morphology and function, using a newly developed antibody and preliminary results on its role in the pathogenesis of hairy cell leukemia (HCL). This work was supported by a grant from Trust Funds from The Royal Marsden NHS Trust and the Cancer Research Campaign.

During the year 2017, for a period of 6 months, I was trained in the Department of Hematopoietic Cell Transplantation, at the Bone Marrow Transplant Unit, of the General Hospital of Thessaloniki, GEORGE PAPANIKOLAOU. In particular, I participated in all the actions and procedures of the Hematopoietic Cell Transplantation, from selecting a suitable donor, performing the procedure, monitoring the transplant patient, to designing studies of the Unit, at clinical and laboratory level. I have also dealt with the role of alternative donors, with particular emphasis on Transplant Immunology, such as appropriate preparation schemes to destroy the recipient's immune system and better prevent and treat GVHD, with the aim of maintaining the graft's anti-tumor (GvL) effects.

CLINICAL EXPERIENCE

Initially, I worked, in 1987, as a trainee for 6 months in the Anesthesiology Department, AXEPA Hospital, and as a trainee in Internal Medicine for 2 years, 1989-1991, at the Hospital of Larissa. Subsequently, I worked at the Second Propedeutic Clinic of Internal Medicine, Aristotle University of Thessaloniki, Hippocraton Hospital, 1991-1998, initially as a clinical and research fellow for 3.5 years, following work as a specialist registrar in Hematology for 4 years. There, I had the opportunity to deal with the investigation and treatment of patients with a wide range of hematological diseases, including patients with Hemophilia and Hemoglobinopathies, with emphasis on thromboembolic diseases, the "new" branch of thrombophilia at that

time, but also on all hematological problems in Obstetrics-Gynecology. In addition, I had dealt with the treatment of HIV patients.

During my one-year training at the Hematology Department of the Royal Marsden Hospital in London, 1998-1999, I participated in all clinical activities of the Department. After my return from Great Britain, I worked as a specialist Hematologist for about 2 years, 2000-2001, in the Hematology Department of the "newly established", "Papageorgiou" Hospital. After being elected as a Lecturer in Hematology, I organized the Hematology Department and homonymous Laboratory, and developed the Hematology in the Clinic, in a short period of time, where I continue my clinic work, as consultant Hematologist and Head of the Hematology Department, until now. This includes the diagnosis, treatment and monitoring of patients with the full range of hematological diseases, but also patients of Pathology, fully participating in the on-call program of the Clinic. At the same time, I was, for many years, in charge of pathology wards at the Clinic. It is pointed out, due to the specialized orientation of the DD Pathology Clinic, my involvement with the hematological problems of patients with the whole spectrum of Rheumatic Diseases (cytopenias of all kinds, autoimmune hemolytic anemias and thrombocytopenias, but also pharyngeal and thrombotic and Patients with liver disease before or after liver transplantation (coagulation and hemostasis disorders, anemias and polycythemia, but also lymphomas, leukemias and myelodysplastic syndromes in transplant patients).

I operate a Regular Hematology Outpatient Clinic, where a large number of patients with hematological diseases are evaluated per year and a Day Care Unit, where a large number of chemotherapies are performed annually. I also provide counseling hematology service for patients with complex health problems, inpatients, but also of Outpatient Clinics, many Clinics of the Hippocraton Hospital, such as the ICU, Cardiology, Nephrology, Neurology, Neurology, Transplant Surgery Clinic and the University Clinics of Obstetrics and Gynecology.

TEACHING EXPERIENCE

- 1991-1998 I was actively participating in medical students' education and training on clinical diagnostics and physical examination, initially as a fellow, and subsequently as a resident in Haematology, B' Propaedeutic Clinic of Medicine, AUTH, Hippokration Hospital, Thessaloniki
- 1992 Medical Terminology educator at the Center of Adult Education N.E.L.E.
- 1993-2001 Teacher in the Alexander Technological Educational Institute of Thessaloniki (ATEITH), School of Health and Medical Care, Departments of Nursing, Midwifery, Early Childhood Care and

Education, Aesthetics and Cosmetology, for a total duration of 15 semesters and was supervisor in 14 Bachelor's Theses. In 2019, it formed a new University, under the name International Hellenic University.

2001-2007 Lecturer in Haematology, School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Forth Department of Medicine, Hippokration Hospital, Thessaloniki, Greece

2007-2014 Assistant Professor in Haematology,

2014-present Associate Professor in Hematology, School of Medicine,

Faculty of Health Sciences, Aristotle University of Thessaloniki,

Forth Department of Medicine, Hippokration Hospital

Since February 2002, when I assumed duties as a Lecturer, I was assigned an autonomous teaching project and I fully participate in the undergraduate educational program of Internal Medicine. In particular, I teach and examine students in the compulsory course of the 6th semester INTERNAL MEDICINE I-IA0320, 31 class hours per semester, in the compulsory course of the 9th semester INTERNAL MEDICINE II-IA0321, 40 class hours per semester, and in the compulsory course of 12th semester INTERNAL MEDICINE-IA0319, 62 class hours per semester. The didactic work includes theoretical trunk lessons from the amphitheater, as well as exercises in the wards, with didactic visits and analysis of clinical cases.

I am also actively involved in the postgraduate program of the Clinic and training Internal Medicine trainees in Haematology and Clinical Biopathology trainees in laboratory investigation of blood diseases. I also participated in the INTERNAL MEDICINE courses and exams for 5th and 6th year students of the ERASMUS program, during the academic years 2014-2020. I maintain cooperation with the Clinical Exchange Program of HelMSIC and I welcome to the Hematology Unit, foreign students, who are trained in Hematology, both in the wards and in the laboratory. Also, from 2018 I teach and examine students in the compulsory course of CLINICAL IMMUNOLOGY-IA0289, of the 8th semester, 4 class hours per semester.

I also participated in teaching the optional course of the 7th semester IMMUNE ASPECTS IN HAEMATOLOGY-IA0402, during the academic years 2006-07, 2007-08, 2008-09 and 2009-10, 4 class hours per semester. Since 2011 I have been assigned by the Sector of Medicine, to organize the above course, as a Coordinating Professor. Then, in the context of upgrading the course, the title and the

content were changed to HEMATOLOGICAL MANIFESTATIONS IN SYSTEMIC DISEASES-IA0402, 8 class hours per semester, harmonizing it with the modern modern in daily clinical practice.

**Participation in the Postgraduate Studies Programme (PSP),
School of Medicine, Faculty of Health Sciences,
Aristotle University of Thessaloniki, Greece**

1. Teaching in the optional course "**CELLULAR AND MOLECULAR BIOLOGY APPLICATIONS IN HEMATOLOGY**", 3rd semester, academic years 2005-06, 2006-07, 2007-08 and 2008-09, class hours: 2 per semester
2. Teaching the optional course "**THE ART OF MEDICAL WRITING** ", 3rd semester, academic years 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12 και 2012-13, class hours: 2 per semester
3. Teaching the optional course "**HYPERCOAGULABLE STATES-THROMBOPHILIA**", 3rd semester, academic years 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11 και 2011-12 , class hours: 9 per semester

CONTRIBUTION TO DOCTORAL THESIS DISSERTATION

During my career I have contributed in the design and processing as **Supervisor** as well as participated in the Advisory Committees and the Examining Committees of many Doctoral Theses. Particularly:

1. "**Study of ZAP-70 protein and p53 by Flow Cytometry (FC) methods and comparison by Immunohistochemistry and FISH, in patients with B-lymphoproliferative disorders**" has been successfully completed, Excellent, 2012.
2. "**Study of the effect of lenalidomide and bortezomib on regulatory T-lymphocytes in patients with multiple myeloma**", was successfully completed, Excellent, 2016
3. "**The role of thrombophilia in women with unexplained infertility**", was successfully completed, Excellent, 2019
4. "**Study of glycoprotein Ia (GPIa) genes and plasminogen activator inhibitor (PAI-1) genes in women with unexplained infertility**", which was successfully completed, Excellent, 2020
5. "**The role of platelet microparticles in thrombosis, in patients with multiple myeloma**", 2018, in progress

Participation in the **Three-Member Advisory Committee** of the following doctoral dissertations:

6. "**Study of coagulation indices in patients with chronic, non-valvular, atrial fibrillation**", successfully completed, Excellent, 2011
7. "**Study of Helicobacter pylori infection in patients with myelodysplastic syndrome**", which was successfully completed, Excellent, 2011
8. "**Immunohistochemical study of extra-nodal non-Hodgkin lymphomas with CD95 (FAS), BCL2, P53 and correlation of results with the prognosis of the disease**" successfully completed, Excellent, 2011
9. "**Study of the activity of ADAMTS13 in eclampsia**", 2018, in progress
10. "**Study of factors that contribute to extramedullary hematopoiesis, in patients with inefficient erythropoiesis, MDS and thalassemia**", 2020, in progress

Also, participation in the **Seven-member Examination Committee** of the following doctoral dissertations:

11. "**Study of protein Z during pregnancy and its association with thrombotic complications of pregnancy**", successfully completed, Excellent, 2013
12. "**Study of the prognostic value of adipokines and -420C> G gene polymorphism in patients with acute ischemic stroke: correlation with hematological indices**", which was successfully completed with a grade of "A", by unanimous decision of the members of the Seven-member Examination Committee, due to an exceptional case, since the results of the IGC have resulted in one or more complete publications in PubMed magazines with IF \geq 10 cumulatively, 2018
13. "**The role of serum epsidine as an indicator of anemia in diabetic kidney disease**", 2020, in progress
14. "**Study of angiogenic factors in patients with hemophilic arthropathy**", 2020, in progress

I was also the supervisor of the Bachelor's Thesis entitled "**Flow cytometry: General principles-applications**", elaborated in the Department of Medical Informatics, School of Medicine, AUTH, in the context of the Master's degree in Medical Technology Research, to obtain the Postgraduate Diploma in Medical Specialization, PRO.MESIP, Thessaloniki 2003, as well as a member of the Three-Member Advisory Committee in two Postgraduate Theses, within the Postgraduate Program "Primary Health Care", School of Medicine, University of Thessaly, 2008.

I was also the Supervisor of the Bachelor's Thesis entitled "**Immunophenotypic Study of patients with Multiple Myeloma**", in the context of the Postgraduate Program "Medical Research Methodology", School of Medicine, AUTH, which was successfully completed in 2014.

ORGANIZATIONAL PROJECTS

Administrative experience

President of the **Nomination committee** or full member of the **Electoral Bodies**, in many crises for the filling of positions, or the development of Faculty members, at the Aristotle University of Thessaloniki and many other Universities of the country.

Member of the **Doctoral Dissertations Committee**, for the academic years 2017-18, 2018-19, 2019-20, until now, with active participation in both the Meetings and in controlling the Originality and Feasibility Reports.

Vice President of the **Executive Committee**, Macedonia-Thrace Department of the Hellenic Hematological Society, 2011-2015

Member of the **Audit Committee** of the Medical Society of Thessaloniki, 2017-2019

Member of the **Committee for Medicinal Products**, Hippocraton Hospital, Thessaloniki, for many years

Member of the newly established **Oncology Committee**, Hippocraton Hospital, Thessaloniki, 2019-now.

Scientific experience

Organizing the scientific Workshop entitled "**Recent developments and alterations in Haematology**", , AUTH, 2009.

Organizing the educational seminar entitled "**Managing anticoagulation and antiplatelet therapy**", 25th Northern Greece Medical Congress, 2010.

Organizing the scientific event entitled "**The spectrum of clinical benefit of eculizumab in PNH**", Hippokration Hospital, 2010

Co-organizing the "**Meet the Expert Session-Interactive Session on PNH and voting pads**", 21st Hellenic Society of Haematology Congress, 2010

Chairman-coordinator of meetings, 18th Hellenic Society of Haematology Congress, Thessaloniki, 14-17 November 2007.

Chairman-coordinator of meetings, 23rd και 24th Northern Greece Medical Congress, 2008 and 2009, respectively.

Chairman of symposium on "**Therapeutic developments in Lymphomas: Difficult questions, latest answers, new challenges,**" Workshop of the Department of Lymphoproliferative Diseases, Santorini, 2010.

Chairman-coordinator of round table meeting on "**Liver Diseases-Lymphomas with hepatic involvement**", Workshop on "Latest developments in diseases of the liver and digestive system", 2010.

Chairman-coordinator of round table meeting on "**Autoimmune Haemolytic Anemia: From Laboratory to Clinical Management**", 7th Seminar of the Greek Society of Blood Transfusion, 2011.

Member of the Organizing Committee of the 21st και του 23rd Hellenic Society of Haematology Congress, 2010 and 2012, respectively.

President-Coordinator Round Table "**Dilemmas in the Approach to Therapy**" Conference on "**Daily Dilemmas in Hematology**", Hellenic Hematological Society, Department of Macedonia Thrace, 2013.

Chair in the Presentation on "**ACCP guidelines of treating acute pulmonary embolism with anticoagulant drugs**", Educational International Meeting "**Contemporary Therapeutic Data to Treat Thrombotic Episodes II**", International Society of Quality Medicine, Austria, 2013.

President in Free Announcements on "ICU, Microbiology, Hematology" 29th Northern Helladic Medical Conference, 2014.

President-Comments in case report: "**Thrombosis after contraceptive use**", Educational International Meeting "**Contemporary Therapeutic Data to Treat Thrombotic Episodes III**", International Society of Quality Medicine, Netherlands, 2014

President Round Table "**Myelodysplastic Syndromes: A Model of Scientific and Clinical Progress**" Conference "Controversies in Contemporary Hematological Issues", Hellenic Hematological Society, Department of Macedonia-Thrace, 2015.

Chair-Coordinator in a Debate on "**Use of LMWH during Pregnancy**", and participation in the Speakers Corner of the Contemporary Therapeutic Data to Treat Thrombotic Episodes V. International Society of Quality Medicine, France, 2016

President-Coordinator Oral Announcements on **"Lymphoproliferative Neoplasms"**, 27th Panhellenic Hematology Congress, 2016

President-Coordinator Round Table **"Lymphoproliferative diseases, Updated data in the investigation of hematological diseases in the era of modern treatment modalities"**, in Department of Laboratory Diagnosis and Quality Control

President Lecture **"New guidelines for the treatment of thromboembolic disease"**, 3rd Panhellenic Conference on Continuing Education in Internal Medicine, 2017

President Round Table **"Recent Developments in the Treatment of Sickle Cell Disease"**, 4th Panhellenic Conference on Continuing Education in Internal Pathology with International Participation, 2018

Coordinator Satellite Lecture **"Treatment of 1st Relapse in Lymphoproliferative Diseases"**, Scientific Event, Department of Lymphoproliferative Diseases and Department of Macedonia-Thrace: New data and Controversies on contemporary Hematological Issues. Seeking Consensus, 2018

President-Coordinator Scientific Conference **"Therapeutic treatment of patients with Non-Hodgkin Lymphomas"**, 2019

Active participation in many Advisory Board Meetings with topics on **CLL, Lymphomas, Multiple Myeloma, Thromboembolic Diseases, Myelodysplastic Neoplasms, CML, Myeloproliferative Neoplasms.**

Lectures and Presentations

A. Round table sessions in Conferences - Seminars as invited speaker

1. Round table **"Main extraintestinal manifestations in idiopathic inflammatory bowel disease-Thromboembolic disease in idiopathic inflammatory bowel disease"**. 1st National Conference on Inflammatory Bowel Disease, 2002. The text of the lecture was published in Conference Proceedings
2. Lecture **"Evaluation in Medical Education"**. Second Education Programme of Instructors. AUTH-Education Office, 2003.
3. Round table **"Low molecular weight heparins in Obstetrics and Gynecology. Properties-advantages-side effects"**. Obstetrics and Gynaecological Society of Thessaloniki, 2003. The lecture was published in Conference Proceedings.

4. Round table "**Chronic Lymphocytic Leukemia Treatment**". Hellenic Society of Haematology, Department of Macedonia-Thrace , 2005.
5. Lecture "**Homocysteine in cardiovascular disease**". 20th Northern Greece Medical Congress, The lecture was published in Helleniki Iatriki Journal 2005. Postgraduate Courses Second Cardiology Clinic, AUTH, Hippokration Hospital, 2004.
6. Round table "**Refractory anemias in the elderly-Myelodysplastic Syndromes**". Postgraduate Programme, Geriatric and Gerontological Society of Northern Greece, 2005.
7. Round table "**Lower respiratory tract infections - Opportunistic infections in immunocompromised patients**". 6th Congress of Geriatric and Gerontological Society of Northern Greece, "Older ages in the new millennium", 2006.
8. Round table "**Erythrocyte disorders. Novel aspects - erythrocyte enzyme abnormalities**". 2nd Workshop, Hellenic Society of Haematology, 2006. The text published in Workshop Proceedings.
9. Round table "**Iron Metabolism-iron overload**". Multidisciplinary Scientific Workshop, AUTH, 2006.
10. Round table "**Morbidity in the Elderly**". Postgraduate Programme, Geriatric and Gerontological Society of Northern Greece, 2007.
11. "**Liver Function abnormalities of Systemic Disease-Haematological Diseases**". 10th National Conference on Hepatology, 2007.
12. Round table "**Anaemia in the Elderly**", Postgraduate Programme, Geriatric and Gerontological Society of Northern Greece, 2007. The text was published in the Proceedings.
13. Round table "**Cumulative lysosomal diseases-Gaucher's Disease**". Scientific Conference "Cumulative lysosomal diseases", 2007.
14. Round table "**Idiopathic inflammatory bowel disease - extraintestinal manifestations - Haematopoietic System**", Scientific Workshop on "Challenges and dilemmas in modern gastroenterology and hepatology", D' Department of Internal Medicine, AUTH, Thessaloniki, December 15, 2007.
15. Round table "**Thrombophilia: Laboratory evaluation and management. Practical guidelines**". Scientific Conference on "Hemostasis - Disorders and management," Hellenic Society of Haematology, Department of Macedonia-Thrace, April 12, 2008. The text of the lecture was published in the Proceedings, p. 49-57.

16. Educational Seminar "**Treatment by nuclear medicine procedures. The role of radioimmunotherapy (RIT) in the treatment of lymphomas, latest data**". 4th International Meeting of the Hellenic Society of Nuclear Medicine, in cooperation with ten Medical Societies, 2008.
17. Symposium "**Venous Thromboembolic Disease: Recent Data - Thromboprophylaxis in high risk patients**". 19th Hellenic Society of Haematology Congress, 2008. The text was published in Haema 2008.
18. Round table "**Miscarriage-Haematological aspects**". Panhellenic Medical Congress on "Reccurent Abortions", 2008.
19. Round table "**Connective tissue diseases: Liver, Blood and Skin manifestations**", Scientific Workshop on "**Connective tissue diseases**", AUTH, 2008.
20. Round table "**PNH Case Studies**", International PNH Symposium, Turkey, 2009.
21. Lecture "**Literature Search - Bibliographical Updates - Literature Archiving - The Vancouver System**". 5th Scientific Conference of Medical Students and 3rd International Forum of Medical Students and Junior Doctors, 2009.
22. Satellite Symposium "**Latest advances in Paroxysmal Nocturnal Hemoglobinuria - PNH diagnosis**". 20th Hellenic Society of Haematology Congress, 2009.
23. Lecture "**Pregnancy in Sickle Cell Disease**". 3rd Panhellenic Congress of Sickle Cell Disease, 2009. The text was published in the Proceedings
24. Lecture "**Prevention of venous thromboembolic disease in the Medical patient**". Scientific Workshop on "Recent developments and alterations in Haematology", AUTH, 2009.
25. Round table "**Peripheral blood cells' changes in infections and chronic inflammatory diseases-Leukocyte changes**". 26th Northern Greece Medical Congress, 2011.
26. Round table "**Neoplasia and Thromboembolic Disease**". Cardiological Society of Northern Greece, 2012.
27. Lecture "**Gastrointestinal System Lymphomas**". Gastroenterological Scientific Workshop, AUTH, 2013.
28. Round table "**Myelodysplastic Neoplasms**". Continuous Medical Postgraduate Education in Geriatrics and Gerontology, 2013.
29. Lecture "**Thrombophilia testing: who, what, when**", Spring School of

Haematology on "Haemostasis", under the auspices of the Hellenic Society of Haematology Foundation, 2013.

30. Round Table "**Myelodysplastic Syndromes**", Continuing Medical Training in Geriatrics and Gerontology, 2013.

31. Round Table "**Rare Diseases in Northern Greece-Rare Hematological Diseases-Paroxysmal Nocturnal Hemoglobinuria: Pathophysiology and Treatment**", 6th Conference of the Panhellenic Association of Rare Diseases 2013.

32. Lecture "Diagnosis and treatment of aHUS in 201 -PNH and aHUS: Rare diseases with the participation of the supplement. What's new in 2014 ", 25th Panhellenic Hematological Congress, 2014.

33. Round Table "Hematology-Hematological Malignancies", 1st Panhellenic Conference on Continuing Education in Internal Medicine with International Participation, 2015.

34. Round Table "Chronic lymphocytic leukemia. Developments in biology and targeted therapy", 18th Panhellenic Congress of Oncology, 2016.

35. Lecture "Monoclonal Gammopathies", 2nd Panhellenic Conference on Continuing Education in Internal Medicine with International Participation, 2016

36. Scientific Lecture "Venous thrombosis in pregnancy and childbirth. Guidelines 2015 Royal College of Obstetricians and Gynecologists, UK », and Clinical Tutorial in Scenario with Thrombosis after delivery by caesarean section. "Current Medical Issues in Pregnancy and Maternity", 2016.

37. Round Table "Hyperferritinemia. Diagnostic approach and treatment-Recent developments in the treatment of sickle cell disease ", 4th Panhellenic Conference on Continuing Education in Internal Pathology with International Participation, 2018.

38. Round Table "Investigation of Eosinophilia: looking for the thread of Ariadne", Conference of the Hellenic Hematological Society: "TOPIC ISSUES IN HEMATOLOGY 2020".

B. Lectures in Meetings of Scientific Societies,

Postgraduate Courses and Clinical Scientific Events

39. "**Platelets after splenectomy in thalassaemia patients**". Hellenic Society of Haematology, 1993.

40. "**Erythrocyte pyruvate kinase (PK) deficiency. A case report**". Hellenic Society of Haematology, 1994.

41. "**Pseudothrombocytopenia. Report of two cases**". Hellenic Society of

Haematology, 1997.

42. "Study of pyrimidine 5'-nucleotidase in patients with thalassaemia intermedia". Hellenic Society of Haematology, 1998.

43. "Flow Cytometry - General Principles - Applications". Postgraduate courses of Immunology and National Center of Histocompatibility, 2002.

44. "Recent developments in Flow Cytometry: Applications in the diagnosis of malignant blood diseases". Postgraduate courses of Immunology and National Center of Histocompatibility, 2003.

45. "Clinical case presentation. Male, 40 years old with pancytopenia and hepatosplenomegaly". 1st Scientific Meeting of the Education Committee, under the auspices of the Scientific Council, Hippokration Hospital, , 2003.

46. "Autoimmune haemolytic anemias". Postgraduate courses on Haematology. Department of Internal Medicine, under the auspices of the Scientific Council, Hospital "St. Paul", , 2003.

47. "Gaucher Disease. Case report presentation". Hellenic Society of Haematology, 2003.

48. "Successful refractory autoimmune haemolytic anemia treatment with Rituximab, in a patient with chronic lymphocytic leukaemia". Hellenic Society of Haematology, 2004.

49. "Nursing care of patients with neoplastic blood diseases". Medics of Haematology Units Training, under the auspices of the Scientific Council, Hippokration Hospital, 2004.

50. "A 70 years old man with myelodysplastic syndrome, increased creatine phosphatase and renal insufficiency. Case report". 20th Scientific Meeting of the Education Committee, under the auspices of the Scientific Council, Hippokration Hospital, 2005.

51. "Practical and clinical training in Health Sciences". Medics Education, Education Office, Introductory Education Instructors' Programme, AUTH, 2005.

52. "Thromboembolic disease in Pregnancy". Postgraduate Courses of the Third Department of Obstetrics and Gynaecology, AUTH, 2006.

53. "Thrombosis in females". Postgraduate Courses of the Third Department of Obstetrics and Gynaecology, AUTH, 2007.

54. "Thrombosis in Pregnancy". Society of Obstetrics and Gynaecology, 2008.

55. "Cumulative lysosomal diseases-The role of pediatrician-Pass in adulthood". 2nd Scientific Meeting, First Pediatric Clinic, AUTH, 2008.

56. **"Experience of the complement inhibitor Eculizumab, in a patient with Paroxysmal Nocturnal hemoglobinuria (PNH)".** Hellenic Society of Haematology, Department of Macedonia-Thrace, Thessaloniki, December 17, 2008.
57. **"Budd-Chiari Syndrome. Investigation and aetiological treatment".** Postgraduate Courses of the Liver & Kidney Transplantation Unit, AUTH, 2010.
58. **"Autoimmune Thrombocytopenia".** Education Courses 2009-2010, Hellenic Society of Haematology Foundation, 2010.
59. **"Combined inherited thrombophilia. Protein S deficiency and FV Leiden heterozygosity in a young male with inferior vena cava occlusion".** Hellenic Society of Haematology, 2012.
60. **"White Blood Cell Changes in the Medical Patient".** Postgraduate Courses 2012-13, Second Propaedeutic Clinic of Internal Medicine, AUTH, Hippokraton Hospital, 2013.
61. **"Cancer and Thrombosis".** Postgraduate Courses 2012-13, Theagenion Cancer Hospital, 2013.
62. Round table **"Diagnostic dilemmas in the investigation of thrombotic microangiopathy-Thrombotic microangiopathy in neoplastic diseases",** Conference on Internal Medicine, AUTH, 2013.
63. Round table **"Basic Concepts of Coagulation and Hemostasis",** Cardiology Training Seminars, BU University of Cardiology Clinic, AUTH, "Thromboembolic Episodes and Cardiovascular Diseases", 2013.
64. Round table **"Laboratory Test-Antiplatelet Drug Resistance (Which method - When resistance should be tested)",** Cardiology Training Seminars, AUTH, 2013.
65. Round Table **"Concerns and questions in thrombosis issues-Investigation of thrombophilia. Who needs it? Never; and How?,** Spring School of Hematology, 2013.
66. Round Table **"Thrombotic Microvascular Disease in Pregnancy-Thrombotic Thrombocytopenic Purple-Uraemic Hemolytic Syndrome",** Spring School of Hematology of the UAE Foundation, "Hematological Disorders in Pregnancy", 2014
67. Round Table **"Achieving the optimal use of IMiDs in the management of patients with Multiple Myeloma-Patients with renal impairment",** Scientific Event, 2014.
68. Debate **"Surgery in patients with heart problems",** Educational International Meeting "Contemporary Therapeutic Data to Treat Thrombotic Episodes III", International Society of Quality Medicine, Netherlands, 2014.

69. Tutorial course Undergraduate Program Microbiology-Immunology: **"Polymicrobial infection in an immunocompromised patient"**, Laboratory of Microbiology, 2015.
70. Lecture **"New treatment option for elderly patients not suitable for autologous transplantation"**, Scientific Event **"The present and the future in Multiple Myeloma. New treatment options change the pattern of treatment "**, 2016.
71. Lecture **"Is there a need for thrombophilia testing before surgery?"**, **Conference "Thromboprophylaxis-Blood Management in Orthopedics"**, Center for Dissemination of Research Results (KEDEA), AUTH Research Committee, 2016 .
72. Speech: **"An updating of Clinical Studies regarding thrombotic events treatment 2015-2016"**, **"Contemporary Therapeutical Data to Treat Thrombotic Episodes V"**. International Society of Quality Medicine., France, 2016.
73. Lecture **"Thrombocytopenia"**, Clinical Biopathology Laboratory, Laboratory Department, Hippocraton Hospital, 2016.
74. Lecture **"Chronic Lymphocytic Leukemia-New data in diagnosis and treatment"**, Postgraduate Courses Program, Preparatory Medicine Clinic, AUTH, 2016.
75. Case analysis **"Hemophagocytic syndrome in a patient with systemic juvenile idiopathic arthritis: successful treatment and review of the literature"**, Hellenic Hematological Society, 2017.
76. Presentation **"Thrombotic microangiopathies"**, Postgraduate Courses 2016-2017, 2nd Preparatory Clinic AUTH, 2017.
77. Lecture **"Thrombosis: control, treatment, guidelines"**, Training Program of Hematology Clinic-Bone Marrow Transplant Unit, Papanikolaou Hospital, 2017.
78. Lecture **"Diseases of the complement: PNH and aHUS-Pathophysiology and treatment"**, Educational Program of the Hematology Clinic, Theageneion, 2017.
79. Scientific Event **"Management of Cases of Hematological Patients in Daily Clinical Practice-Chronic Lymphocytic Leukemia"**, 2018.
80. Educational Event of the Department of Lymphoproliferative Diseases and Macedonia-Thrace, **"New data and controversies in contemporary hematological issues. Seeking consent "**, 2018.
81. Round Table **"Visceral venous thrombosis Diagnostic algorithm of hemostasis disorders"**, Scientific Conference **"Visceral venous thrombosis: Diagnosis and treatment"**, AUTH 2018.
82. Lecture **"Primary thromboprophylaxis"**, SPRING SCHOOL OF HEMATOLOGY, Hellenic Hematology Society Foundation, Eleventh course on

"Hemostasis Disorders: Bleeding Thrombosis", Webinar, 2020.

83. Round Table “ Recent Data evolving COVID infection: COVID thromboinflammation”, 10th Scientific Congress, School of Medicine, AUTH, Webinar, 2021.

EDITORIAL ACTIVITIES

- Member of the Editorial Board of scientific journals

1. Assistant Editor of "**Helliniki Iatriki J**", from January 2002 until today.

2. Member of the Editorial Board of **Aristotle University Medical Journal, AUMJ**, 2017-now.

- Reviewer of many Scientific Journals:

3. **LEUKEMIA AND LYMPHOMA, LEUKEMIA RESEARCH, HUMAN REPRODUCTION, PLoS ONE, etc.**

4. Invited Journal manuscript reviewer of many of the papers submitted the following journals: "**Leukemia and Lymphoma**", "**Helliniki Iatriki J**" and "**Hippokratia J**". Particularly, I assessed many papers submitted to "Helliniki Iatriki J" during my term as Assistant Editor, since January 2002 until now, and to "Hippokratia J", since 2002 until now, that it is accessed in Pubmed, Scopus, EMBASE, Copernicus, etc.

5. Curator chapter "**Blood Diseases**", in the official book of "Internal Medicine", editor: Department of Medicine, School of Medicine, AUTH, published by University Studio Press, 2012, Fourth Edition.

6. Reviewer of many Originality Reports, Feasibility and Importance, submitted by PhD candidates to our School, as a member of the Doctoral Dissertation Committee, 2017-present

Chapters in Books

1. "**Effect of hydroxyurea (HU) in patients with β -thalassaemia intermedia**", in the book "Sickle cell disease and thalassaemias: new trends in therapy", Eds Y. Beuzard, B. Lubin, J. Rosa. Colloque INSERM/John Libbey Eurotext Ltd., 1995; 234: 224.

2. "**Study of pyrimidine 5'-nucleotidase (P5N) activity in hereditary hemoglobinopathies**", PhD Thesis., Sector of Medicine, AUTH, 1997.

3. The Chapter "**Lymphomas**" in "**Blood Diseases**", in the official book of "Internal Medicine", editor: Department of Medicine, School of Medicine, AUTH, University Studio Press, 2004, Third Edition.

4. The Chapter "**Thromboprophylaxis in women with congenital thrombophilia and a history of recurrent abortions**" in the book "**Recurrent Abortions**" Editors: D. Roussos and B. Karagiannis, published by Letter 2009.

5. The Chapter "**Stem cells in liver transplantation**" in the book "**Diseases of the Liver and Biliary Duct, in Children**", editors: K. Spyroglou and G. Imvrios, Siokis, 2011.
6. The Chapters "**Chronic Lymphocytic Leukemia, Hodgkin's Lymphoma, Non-Hodgkin Lymphomas, Multiple Myeloma**" in "**Blood Diseases**", in the official book of "Internal Medicine", editor: Department of Medicine, School of Medicine, AUTH, University Studio Press, 2012, Fourth Edition.
7. The Chapter "**Megakaryocytes**", in Chapter 4 "**Hematopoietic system**", Book of the Department of Medicine, AUTH, "PATHOPHYSIOLOGY", University Studio Press, 2014, Second edition.
8. The Chapters "**Chronic Lymphocytic Leukemia-Lymphomas-Multiple Myeloma**", and the Chapter "**Targeted Therapies-A New Paradigm in the Treatment of Neoplastic Diseases**", Chapter 9 "Diseases of the blood", Book of the Department of Medicine, AUTH, "INTERNAL MEDICINE", University Studio Press, 2017, Fifth edition.
9. The Chapter "**The Hematopoietic Cell Transplantation-Immunology of Allogeneic Transplantation- Cell therapies with genetically modified chimeric antigen receptors, T cells (CAR T cells)**", University Studio Press, 2020.
10. Many Presentations published in Educational or Abstract Books of Congresses, Conferences or Workshops.

RESEARCH EXPERIENCE

1992-1994: Study of the pituitary-gonadal axis in males and females with beta-thalassaemia (relevant publications and presentations)

1994-1995: Study of erythropoietin levels in haematological diseases, particularly in essential thrombocythemia and thalasseмии (relevant publications and presentations)

1995-1998: Study of erythrocyte enzymes' abnormalities in thalasseмии and sickle cell disease and their contribution to pathophysiology (PhD Thesis)

1998-2000: During my working as Postdoctoral Research Fellow within the Academic Department of Haematology and Cytogenetics, Institute of Cancer Research, The Royal Marsden Hospital, London, UK:

- Investigation by flow cytometry of cyclin D1 and protein p53 expression, in B cell Lymphoproliferative Diseases. Purpose, detection of simple methods to determine cyclin D1 and p53 expression by flow cytometry in routine practice, useful in clinical diagnosis, prognosis and treatment of chronic lymphocytic leukemia and non-Hodgkin lymphomas.

- Study of experimental monoclonal antibodies expression (7.1/NG2 and NG1) by flow cytometry and molecular genetics by FISH (detection of gene rearrangement 11q23/MLL) in acute leukaemias and correlation with prognosis. Aim was to develop methodology that could be easily applied in routine laboratories for rapid detection of chromosomal abnormality 11q23.

2000-2002: During my appointment as a Consultant Haematologist in the newly established "Papageorgiou" Hospital and as my area of expertise was flow cytometry, I organized the central Flow Cytometry Laboratory.

2002-present: The research interest covers a wide range of Haematology:

- Prevalence of hemochromatosis genes' mutations in patients with myelodysplastic syndromes

- Molecular investigation and monitoring of patients with chronic myeloid leukemia under imatinib treatment. Study of CML pathophysiology in relation to cell cycle gene RASSF1A

- Study of angiogenesis factors in myeloproliferative disorders

- Study of thrombosis pathogenesis in myeloproliferative neoplasms and correlation with JAK2 gene and polymorphisms of TLRs (Toll-like receptors).

- Study of thrombophilia factors in patients with unprovoked thromboembolic disease, incidence of MTHFR gene in patients with thromboembolic disease, cardiovascular diseases and neoplastic diseases of the blood, study of thrombophilia genes in malignant haematological diseases associated with thrombotic episodes, such as myeloproliferative disorders and multiple myeloma, study of visceral venous thrombosis and Budd-Chiari syndrome, study of thrombophilia in unexplained infertility, implantation disorders and complications of pregnancy, prevention and treatment of thromboembolic disease.

- Study of acute phase proteins in infections, D-dimers in patients with stroke and atrial fibrillation, fibrinogen and D-dimers in COPD patients, with or without polyerythraemia.

- Particular emphasis on the study of rare hematological diseases, such as paroxysmal nocturnal hemoglobinuria and atypical hemolytic uraemic syndrome, thrombotic microangiopathy, hematophagocytic syndrome and Gaucher's disease.

-Special emphasis on the study of lymphomas, chronic lymphocytic leukemia and multiple myeloma, both in terms of modern diagnosis and treatment with novel agents.

- Description of many interesting cases, both in terms of rarity as well as therapeutic response.

CLINICAL TRIALS

1. **Principal investigator** international study "A non-interventional, post authorization safety study, to continuously monitor safety and pregnancy outcomes in a cohort of at-risk Essential Thrombocythaemia subjects exposed to Xagrid compared to other conventional cytoreductive treatments" (Study SPD422-401), The EXELS Study, which yielded two publications in International Journals as coordinator.
2. **Principal investigator** international study "A non-interventional observational post authorisation safety study of subjects treated with lenalidomide" (Study CC-5013-PASS-001).
3. **Principal investigator** international multicenter study "Multicenter retrospective data of patients with multiple myeloma who have received lenalinomide, according to standard clinical practice (Study RETRO-REV-MM-001).
4. **Principal investigator** in the international randomized study of iv. iron administration in patients with multiple myeloma "A Randomised Controlled Parallel Group Open-label Study to Evaluate the Efficacy and Safety of Intravenous Ferric Carboxymaltose versus No Treatment in Anaemic Subjects with Multiple Myeloma and Iron-restricted Erythropoiesis Receiving Chemotherapy" (Protocol FER-AOC-MM).
5. **Principal investigator** in the international non-invasive Clinical Study "PNH Registry" (Protocol M07-001).

HONORS AND AWARDS

1. The Organizing Committee of the 19th Medical Conference of Northern Greece, 2004, awarded the first prize and prize money:
E. Mandala, K.Tsioni, A. Balaska, A. Papageorgiou, C. Lafaras, G. Deretzi, T. Vyzantiadis, K. Arvanitakis, for "**Multifactorial study of thrombophilia in patients with thromboembolic disease**".
2. The Organizing Committee of the 20th Medical Conference of Northern Greece, 2005, awarded the second prize and prize money: G. Ilonidis, P. Tsekoura I. Paradias, **E. Mandala**, K. Arvanitakis, for "**Study of acute phase proteins and D-dimers in patients with cerebrovascular disease**".
3. The Organizing Committee of the 16th Hellenic Society of Haematology Congress, 2005, awarded the prize "Best Poster": M. Speletas, E. Katodrytou, G. Kaiafa, **E. Mandala**, et al. for "**Molecular investigation and monitoring of patients with chronic myeloid leukemia treated with imatinib (Glivec[®])**".

4. The Organizing Committee of the 17th Hellenic Society of Haematology Congress, 2006, presented in a special session the ten best works: M. Speletas, D. Plastiras, F. Kalala, K. Liadaki, E. Katodrytou, **E. Mandala**, E. Papadakis, A. Kioumi, K. Ritis, I. Korantzis, A. Germeis for **"Innate immunity and thrombosis: correlation of TLR4-D299G polymorphism with venous thromboembolic disease, in patients with myeloproliferative syndromes"**
5. The Organizing Committee of the 21st Medical Congress of Northern Greece, 2006, awarded the second prize and prize money: **E. Mandala**, C. Lafaras, G. Ilonidis, M. Speletas, A. Papageorgiou, K. Tsioni, G. Deretzi, G. Tsakonas, A. Chatzidionysiou, K. Arvanitakis, for **"Incidence of hereditary thrombophilia in patients with idiopathic thromboembolic disease."**
6. The Organizing Committee of the 25th Medical Congress of Northern Greece, 2010, awarded the prize "In memory of Simeon and Mary Gerasimidis" and prize money: C. Lafaras, D. Platogiannis, **E. Mandala**, R. Valerie, N. Barbetakis, G. Ilonidis, T. Bischiniotis for **"Intrapericardial chemotherapy with cisplatin in patients with non-small cell lung cancer and cardiac tamponade"**.
7. The Organizing Committee of the 26th Medical Congress of Northern Greece, 2011, awarded the prize "In memory of Simeon and Mary Gerasimidis" and prize money: K. Tsioni, **E. Mandala**, I. Venizelos, T. Papathomas, D. Paulou, G. Ilonidis for **"Study of ZAP-70 protein and p53 by Flow Cytometry methods and confrontation by immunohistochemistry and FISH, in patients with B cell lymphoproliferative diseases"**.

SOCIAL ACTIVITIES AND COMMUNITY INVOLVEMENT

- Lecture in round table **"Thalassaemias"** organized by Parents' Association for Patients with Thalassaemias, 1992.
- Coordinator and presentation in round table **"Latest data for the treatment of thalasseмииs"** organized by Parents' Association for Patients with Thalassaemias, 1993.
- Lecture in round table **"Use of novel drugs (hydroxyurea, erythropoietin, butyrates) in the treatment of sickle cell disease and Thalassaemias"**, organized by Parents' Association for Patients with Thalassaemias, 1993.
- Lecture in round table **"Gene therapy, bone marrow transplantation and novel drugs for the treatment of hemoglobinopathies"** organized by Parents' Association for Patients with Thalassaemias, 1997.
- Honorary Distinction for longtime Voluntary Blood Donation for patients with thalasseμία, Board of SOURCE OF LIFE, 2006.

- Seminars 2006-2007, First Cycle: "**The quality of life in the elderly**", Municipal Library, Thessaloniki, 2006.
- Presentation "**Anaemia in the elderly**". Annual **Seminar "Alzheimer's dementia"** organized by Alzheimer's Dementia and Related Disorders Association, 2007. The text was published in "Alzheimer's dementia" journal, 2009, as well as in "Health and Nutrition" journal, 2012, bimonthly publication of the Greek Foundation of Gastroenterology.
- Presentation "**Homocysteine and Alzheimer's dementia**", Annual Seminar "Risk Factors and Prevention of Alzheimer's dementia", Medical Association of Thessaloniki, Hellenic Institute of Neurodegenerative Diseases, Alzheimer's Disease and Related Disorders, 2011-2012.
- Promotion of **voluntary blood donation** into the 43rd Primary School, as part of the newly established by the Parents' Association Blood Bank.
- Lecture "**Hematological Cancer-Leukemia in Greece**", Scientific Conference on Hematology Cancer Awareness, Hellenic Cancer Federation (ELLOK), 2018
- Speech on "**Chronic Lymphocytic Leukemia-Introduction to the Disease**", Day for Patients with CLL (The "Ariadne" Association), 2018

MEMBER OF PROFESSIONAL SOCIETIES

1. Greek Society of Haematology, 1990
2. Haematology Society of Northern Greece, 1992
3. Medical Society of Northern Greece, 1996
4. General Medical Council (GMC), London, UK, Medical practitioner, 1998
5. GMC, specialist register in Haematology, 1999
6. Royal Microscopical Society, London, UK, 1999
7. British Society of Haematology, London, UK, 1999
8. American Society of Hematology, 2006
9. Greek Society of Blood Transfusion, 2011

Study Group member

- *Greek Lymphoproliferative Diseases'* Study Group, 2002
- *Greek Myeloma Study Group*, 2002
- Committee for Medicinal Products and Pharmacovigilance, Hippokraton Hospital, 2002-2010
- Oncology Committee, Hippokraton Hospital, 2019-present

- Appointment member, Office of the Scientific Conference of Medical School AUTH-ESISAPTH, the Board with No. 3/15-11-2005

SELECTED PUBLICATIONS

1. **Pituitary-testicular axis in men with β -thalassemia major** Papadimas J, Mandala E, Pados G, Kokkas B, Georgiadis G, Tarlatzis B, Bontis J, Sinakos Z, Mantalenakis S. Human Reproduction 1996, 11 (9): 1900-1904
2. **Cyclin D1 by flow cytometry as a useful tool in the diagnosis of B-cell malignancies.** Elnenaï MO, Jadayel DM, Matutes E, Morilla R, Owusu-Ankomah K, Atkinson S, Tittley I, Mandala EM, Catovsky D. Leukemia Research 2001, 25(2):115-123
3. **β -Thalassemia and gonadal axis: a cross-sectional, clinical study in a Greek population.** Papadimas J, Goulis D, Mandala E, Georgiadis G, Zournatzi V, Tarlatzis B, Bontis J. Hormones 2002, 1(3):179-187
4. **Prevalence of hemochromatosis gene (HFE) mutations in Greek patients with myelodysplastic syndromes.** Speletas M, Kioumi A, Mandala E, Katodritou E, Papaioannou G, Ritis K, Korantzis I. Acta Haematologica 2003;110: 53-54
5. **Non Hodgkin's lymphoma involving the uterine cervix after treatment for Hodgkin disease.** Venizelos ID, Zafrakas M, Dragoumis K, Mandala E, Bondis J. Leukemia & Lymphoma 2003, 44 (12): 2155-2157
6. **Serum basic fibroblast growth factor and vascular endothelial growth factor levels are related in patients with polycythaemia vera**
Theodoridou S, Vyzantiadis T, Venizelos I, Mandala E, Klonizakis I, Vyzantiadis A, Garipidou V. Acta Haematologica 2004; 112: 170-171
7. **Primary non-Hodgkin's lymphoma arising in an intramammary lymph node**
Venizelos I, Tatsiou Z, Vakalopoulou S, Mandala E, Garipidou V. Leukemia & Lymphoma, March 2005, 46(3): 451-455
8. **Renal involvement in a patient with visceral leishmaniasis.** Efstratiadis G, Boura E, Giamalis P, Mandala E, Leontsini M, Tsiaousis G, Memmos D. Nephrol Dial Transplant, Jan 2006, 21(1): 235-236
9. **Primary Langerhans cell histiocytosis of the vulva**
Venizelos I, Mandala E, Tatsiou Z, Acholos V, Goutzioulis M. Int J Gynecol Pathol 2006, 25(1): 48-51
10. **Correlations of JAK2-V617F mutation with clinical and laboratory findings in patients with myeloproliferative disorders.** Speletas M, Katodritou E, Daiou C, Mandala E, Paradakis E, Kioumi A, Ritis K, Korantzis I. Leukemia Research 2007, 31(8): 1053-1062
11. **TLR4 single nucleotide polymorphisms and thrombosis risk in patients with myeloproliferative disorders.** Speletas M, Liadaki K, Kalala F, Daiou C, Katodritou E, Mandala E, Korantzis I, Ritis K, Zintzaras E, Germeis A. Thrombosis Research 2008,

122(1): 27-32

12. Primary adrenal lymphoma presenting as Addison's disease. Case report and review of the literature. Kita M, Mandala E, Saratzis A, Ventzi L, Venizelos I, Keryttopoulos P, Efstathiadou Z, Garyfallos A, Avramides A. *Exp Clin Endocrinol Diabetes* 2008, 116(6): 363-365

13. Non-Thromboembolic pulmonary hypertension in multiple myeloma, after thalidomide treatment: A pilot study. Lafaras C, Mandala E, Verrou E, Platogiannis D, Barbetakis N, Bischiniotis T, Zervas K. *Annals of Oncology* 2008, 19(10): 1765-1769

14. Primary cutaneous T-Cell-rich B-Cell lymphoma: a case report and literature review. Venizelos I, Tsiou Z, Mandala E. *Acta Dermatoven APA* 2008, 17(4): 177-181

15. Cardiac Tamponade as Primary Manifestation of Angioimmunoblastic T-Cell Lymphoma (AILT). Coexistence with Malignant Mesothelioma. Lafaras C, Mandala E, Venizelos I, Valeri R, Barbetakis N, Bischiniotis T. *Onkologie* 2008, 31(10): 546-548

16. Helicobacter pylori infection might protect from the leukaemic transformation of myelodysplastic syndromes. Diamantidis M, Kountouras J, Mandala E, Klonizakis P, Frida-Michailidou I, Tsapournas G, Haralambidou-Vranitsa S. *Medical Hypotheses* 2008, 71(1): 159-160

17. Post partum mesenteric, splenic and portal vein thrombosis: a case report Rouso D, Mamopoulos A, Goulis J, Mandala E, Mavromatidis G. *J Obstetrics and Gynaecology* 2008, 28(4): 441-443

18. Pro-Brain natriuretic peptide is a sensitive marker for detecting cardiac metastases in patients with non-small cell lung cancer. Lafaras C, Mandala E, Saratzis A, Platogiannis D, Barbetakis N, Papoti S, Christopoulou M, Ilonidis G, Bischiniotis T. *Onkologie* 2009, 32: 389-392

19. Methylation status of RASSF1A in patients with chronic myeloid leukemia Avramouli A, Tsochas S, Mandala E, Katodrytou E, Ioannou M, Ritis K, Speletas M. *Leukemia Research* 2009, 33(8): 1130-1132

20. A breast fibroadenoma mimicking an extranodal deposit of Hodgkin's lymphoma in Ga-67 imaging. Moralidis E, Mandala E, Venizelos I, Arsos G, Zafiriadou E, Goutzioulis M, Karakatsanis C. *Br J Radiol* 2009, 82 (975): 58-62

21. Does Helicobacter pylori infection participate in the pathogenesis of myelodysplastic syndromes (MDS)? Diamantidis M, Ioannidou-Papagiannaki E, Kountouras J, Mandala E, Tsapournas S, Frida-Michailidou I, Klonizakis P, Klonizakis I. *Leukemia Research* 2009, 33: 103-104

22. Evaluation of treatment with Bosentan in patients with carcinoid heart disease: single center study. Lafaras C, Mandala E, Platogiannis D, Saratzis A, Barbetakis N, Paraskevopoulos P, Ilonidis G, Bischiniotis T. *Onkologie* 2010, 33:300-304

23. High prevalence of Helicobacter pylori in Greek patients with myelodysplastic syndromes. Diamantidis M, Ioannidou-Papagiannaki E, Kountouras J, Mandala E, Tsapournas G, Frida-Michailidou I, Klonizakis P, Zavos C, Haralambidou-Vranitsa S, Vlachaki

E, Parapanisiou E, Klonizakis I. *Acta Haematologica* 2010, 124: 141-149

24. Survivin isoform expression patterns in CML patients correlate with resistance to imatinib and progression, but do not trigger cytolytic responses

Speletas M, Argentou N, Karanikas V, Gramoustianou E, Mandala E, Braimi M, Matsouka P, Ritis K, Germenis A. *Clinical Immunology* 2011, 139:155-163

25. Diagnosis of peritoneal tuberculosis: random involvement of gynecologists

Makedos A, Mandala E, Ilonidis G, Makedos G. *Eur J Obstetrics & Gynecology and Reproductive Biology* 2011, 159: 482

26. Endovascular management of acute infrarenal aortic thrombosis caused by heparin-induced thrombocytopenia in a patient treated with low molecular weight heparin.

Karkos C, Kamparoudis A, Mandala E, Gerogiannis I, Papadimitriou D, Tsioni K, Gerassimidis T. *J Vascular and Interventional Radiology*, 2011;22(4):581-582

27. Prevalence of thrombophilia mutations in patients with unprovoked thromboembolic disease. A comparative analysis regarding arterial and venous disease.

Mandala E, Lafaras C, Tsioni C, Speletas M, Papageorgiou A, Kleta D, Dardavessis T, Ilonidis G. *Hippokratia* 2012, 16, 3: 250-255

28. Co-Existence of Hereditary Pyrimidine 5'-Nucleotidase Deficiency and heterozygous α -Thalassemia: A Case Presentation.

Agapidou A, Theodoridou S, Tegos K, Mandala E, Leukou E, Karakasidou O, Aletra B, Sevastidou A, Alemayehou M, Voskaridou E. *Turk J Hematol* 2012; 29: 434-435

29. Treatment of a patient with classical paroxysmal nocturnal hemoglobinuria and Budd-Chiari syndrome, with complement inhibitor eculizumab.

Mandala E, Lafaras C, Goulis I, Tsioni K, Theodorou A, Ilonidis G. *Hippokratia* 2013; 17(1): 81-84

30. Efficacy and safety of cytoreductive therapies in patients with Essential Thrombocythaemia aged >80 Years: An interim analysis of the EXELS Study (Collaborator).

Kiladjian J-J, Besses C, Griesshammer M, Gugliotta L, Harrison C, Coll R, Smith J, Birgegard G. *Clin Drug Investig* 2013 Jan;33(1):55-63. DOI 10.1007/s40261-012-0042-0

31. Cytoreductive treatment patterns for essential thrombocythemia in Europe. Analysis of 3643 patients in the EXELS Study (Collaborator).

Besses C, Kiladjian J-J, Griesshammer M, Gugliotta L, Harrison C, Call R, Smith J, Abhyankar B, Birgegard G. *Leuk Res.* 2013;37(2):162-168. doi: 10.1016/j.leukres.2012.11.004

Trial registration: ClinicalTrials.gov NCT00567502.

32. TAC1 Expression and Signaling in Chronic Lymphocytic Leukemia.

Mamara A, Germenis AE, Kompoti M, Palassopoulou M, Mandala E, Banti A, Giannakoulas N, Speletas M. *J Immunol Res* 2015:478753. doi: 10.1155/2015/478753. Epub 2015

33. Fulminant Epstein-Barr virus-associated hemophagocytic syndrome in a renal transplant patient and review of the literature.

Romiopoulos I, Pырpasopoulou A, Onoufriadis I, Massa E, Mouloudi E, Kydona C, Giasnetsova T, Gerogianni N, Myserlis G, Solonaki F, Nikodimopoulou M, Mandala E, Antachopoulos C, Roilides E. *Transpl Infect Dis*

2016 Oct;18(5):795-800. doi: 10.1111/tid.12586. Epub 2016 Sep 16.

34. Expression of the activation markers BLIMP1, FOXP1 and PSTAT3 in Extranodal Diffuse Large B-cell Lymphomas. Petrakis G, Kostopoulos I, Venizelos I, Lambropoulou M, Vouras K, Vakalopoulou S, Mandala E, Tsatalas C, Papadopoulos N. *Histol Histopathol* 2017 Aug;32(8):825-834. doi: 10.14670/HH-11-852. Epub 2016 Dec 7

35. High serum ferritin is associated with worse outcome of patients with decompensated cirrhosis. Oikonomou T, Goulis I, Soulaïdopoulos S, Karasmani A, Doumtsis P, Tsioni K, **Mandala E**, Akriviadis E, Cholongitas E. *Annals of Gastroenterology* 2017;30(2):217-224. doi: 10.20524/aog.2016.0112. Epub 2016.

36. Autoimmune Thrombotic Thrombocytopenic Purpura: Two rare cases associated with Juvenile Idiopathic Arthritis and Multiple Sclerosis

Dimopoulou D, Dimosiari A, **Mandala E**, Dimitroulas T, Garyfallos A. *Front Med (Lausanne)*. 2017 Jul 24; 4:89,p.1-5 doi: 10.3389/fmed.2017.00089. eCollection 2017.

37. Deferasirox improves liver fibrosis in beta-thalassemia major patients. A five-year longitudinal study from a single Quaternary Care Center

Sousos N, Sinakos E, Klonizakis P, Adamidou D, Daniilidis A, Gigi E, Vetsiou E, Tsioni K, **Mandala E**, Vlachaki E. *Br J Haematol* 2018 Apr; 181(1):140-142. doi: 10.1111/bjh.14509. Epub 2017 Jan 20.

38. Association of plasminogen activator inhibitor-type 1 (PAI-1) 675 4G/5G polymorphism with unexplained female infertility. Kydonopoulou K, Delkos D, Rousso D, Ilonidis G, **Mandala E**. *Hippokratia* 2017;21(4):180-185

39. Evaluation of regulatory T cells (Tregs) alterations in patients with multiple myeloma treated with bortezomib or lenalidomide plus dexamethasone: correlations with treatment outcome. Hadjiaggelidou C, **Mandala E**, Terpos E, Yiannaki E, Markala D, Triantafyllou T, Papatheodorou A, Gkastari V, Verrou E, Papanikolaou A, Konstantinidou P, Katodritou E. *Ann Hematol* 2019 Jun;98(6):1457-1466. doi: 10.1007/s00277-019-03657-3. Epub 2019 Mar 20.

40. Beta-thalassemia: renal complications and mechanisms: a narrative review

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41. Association of GPIa C807T polymorphism with unexplained female infertility and IVF implantation failure. Kydonopoulou K, Rousso D, Ilonidis G, **Mandala E**. *J Biol Regul Homeost Agents*. 2019 May-Jun; 33(3):883-887

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