

1 CURRICULUM VITAE

PERSONAL INFORMATION

SURNAME	STIAKAKI
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CURRENT POSITIONS

2023 - 2025	Director of the Division of Mother and Child Health, School of Medicine, University of Crete, Heraklion, Greece
2022 - present	Director of the 2 nd Sector of Internal Medicine (Sector of Pediatrics), University Hospital of Heraklion, Heraklion, Greece
2022 - present	President of the Division of Pediatric Hematology within the Hellenic Society of Haematology
2019 - present	Professor of Pediatric Hematology-Oncology, School of Medicine, University of Crete, Heraklion, Greece
2018 - present	Director of Studies in post-graduate MSc program “Hematology – Oncology of Childhood and Adolescence”, School of Medicine, University of Crete, Heraklion, Greece
2016 - present	Director of the Laboratory of Blood Diseases and Childhood Cancer Biology, School of Medicine, University of Crete, Heraklion, Greece
2012 - present	Director of the Department of Pediatric Hematology-Oncology and Hematopoietic Stem Cell Transplantation Unit, University Hospital of Heraklion, Heraklion, Greece
2012 - present & 2008 -2010	Member of the Bioethics and Ethics Committee, University Hospital of Heraklion, Heraklion, Greece

PREVIOUS POSITIONS

2018 - 2022 & 2008 - 2010	Vice President of the Division of Pediatric Hematology within the Hellenic Society of Haematology
2021 - 2022	Deputy Coordinator of the Post-graduate Studies Committee, School of Medicine, University of Crete, Heraklion, Greece
2021 - 2022 & 2020 - 2021	Member of the Committee of Academic Ethics, Scientific Deontology and Gender Equality, School of Medicine, University of Crete, Heraklion, Greece
2011 - 2019	Associate Professor of Pediatric Hematology-Oncology, School of Medicine, University of Crete, and Director of the Department of Pediatric Hematology-Oncology, University Hospital of Heraklion, Heraklion, Greece
2014 - 2015	Deputy Director of the 2 nd Sector of Pathology, University Hospital of Heraklion, Heraklion, Greece

2001 - 2011	Assistant Professor of Pediatric Hematology-Oncology, School of Medicine, University of Crete, Heraklion, Greece
1995 - 2001	Consultant , Department of Pediatric Hematology-Oncology, University of Crete, Heraklion, Greece
1993 - 1994	Chief investigator , STRIDE LATEM Research Program “Photodynamic treatment of cancer cells with laser”, Department of Pediatric Hematology-Oncology, University of Crete, Heraklion, Greece

EDUCATION

2007 -2008	Research Fellow/Academic Visitor at Stem Cell Biology Laboratory Abramson Pediatric Research Center (Stephan Grupp), Division of Oncology, Children’s Hospital of Philadelphia, University of Pennsylvania, USA
2001	Academic Visitor at St George’s University Hospital, Department of Hematology (Prof. Gordon-Smith), London, UK
1997	Attending Physician in Bone Marrow Transplantation Unit (Prof. H. Gardner), St Anna Children’s Hospital of Vienna, Vienna, Austria
1991 - 1997	PhD in Medicine, School of Medicine, University of Crete, Heraklion > Thesis: Antimitotic action of organolead compounds and cytochalasin B in leukemia. The role of modifications of the cytoskeletal proteins actin and tubulin during malignant transformation. Degree: Excellent
1989 - 1993	Residency in Pediatrics, Clinical and Laboratory Hematology, General Hospital of Heraklion, Heraklion, Greece
1985 - 1987	Internship in Internal Medicine, General Hospital of Heraklion, Heraklion, Greece
1993 - 1995	Research Fellow and Clinical Assistant, Department of Pediatric Hematology-Oncology, University Hospital of Heraklion, Heraklion, Greece
1985 -1989	Specialty in Hematology, General Hospital of Heraklion, Heraklion, Greece
1977 - 1983	Doctor of Medicine (MD), School of Medicine, University of Ioannina, Ioannina, Greece

PUBLICATIONS

- 108 Publications in PubMed (h-index 32; 2,939 citations). 20 representative publications:
- Kampouraki E, Lourou M, Zervou MI, Ampazoglou ED, Yachnakis E, Katzilakis N, Goulielmos GN, Stiakaki E. Role of CXCL12, TP53 and CYP1A1 gene polymorphisms in susceptibility to pediatric acute lymphoblastic leukemia. *Oncol Lett.* 2021;22(3):659. DOI: <http://doi.org/10.3892/ol.2021.12920>
- Karalexi MA, Pourtsidis A, Panagopoulou P, Moschovi M, Polychronopoulou S, Kourti M, Hatzipantelis E, Stiakaki E, Dana H; NARECHEM-ST collaborating group, Bouka P, Ntzani EE, Petridou ET. Overall and event-free survival of childhood lymphoma in Greece: analysis of harmonized clinical data over a 24-year active registration period. *Leuk Lymphoma.* 2021;62(9):2107-2119. DOI: <https://doi.org/10.1080/10428194.2021.1907376>
- Tsagarakis NJ, Papadimitriou SI, Pavlidis D, Marinakis T, Kostopoulos IV, Stiakaki E, Polychronopoulou S, Paterakis G. Flow cytometric predictive scoring systems for common fusions ETV6/RUNX1, BCR/ABL1, TCF3/PBX1 and rearrangements of the KMT2A gene, proposed for the initial cytogenetic approach in cases of B-acute lymphoblastic leukemia. *Int J Lab Hematol.* 2019;41(3):364-372. DOI: <https://doi.org/10.1111/ijlh.12983>
- Pana ZD, Kourti M, Vikelouda K, Vlahou A, Katzilakis N, Papageorgiou M, Doganis D, Petrikos L, Paisiou A, Koliouskas D, Kattamis A, Stiakaki E, Chatzistilianou M, Vasilatou-Kosmidis H, Polychronopoulou S, Grafakos S, Roilides E. Voriconazole Antifungal Prophylaxis in Children With Malignancies: A Nationwide Study. *J Pediatr Hematol Oncol.* 2018;40(1):22-26. DOI: <https://doi.org/10.1097/MPH.0000000000000926>
- Karalexi MA, Dessypris N, Thomopoulos TP, Ntouvelis E, Kantzanou M, Diamantaras AA, Moschovi M, Baka M, Hatzipantelis E, Kourti M, Polychronopoulou S, Stiakaki E, Mora AM, Wunsch-Filho V, Infante-Rivard C, Loutradis D, Petridou ET. Parental alcohol consumption and risk of leukemia in the offspring: a systematic review and meta-analysis. *Eur J Cancer Prev.* 2017;26(5):433-441. DOI: <https://doi.org/10.1097/CEJ.0000000000000350>
- Bailey HD, Metayer C, Milne E, Petridou ET, Infante-Rivard C, Spector LG, Clavel J, Dockerty JD, Zhang L, Armstrong BK, Rudant J, Fritschi L, Amigou A, Hatzipantelis E, Kang AY, Stiakaki E, Schüz J. Home paint exposures and risk of childhood acute lymphoblastic leukemia: findings from the Childhood Leukemia International Consortium. *Cancer Causes Control.* 2015;26(9):1257-70. DOI: <https://doi.org/10.1007/s10552-015-0618-0>
- Rudant J, Lightfoot T, Urayama KY, Petridou E, Dockerty JD, Magnani C, Milne E, Spector LG, Ashton LJ, Dessypris N, Kang AY, Miller M, Rondelli R, Simpson J, Stiakaki E, Orsi L, Roman E, Metayer C, Infante-Rivard C, Clavel J. Childhood acute lymphoblastic leukemia and indicators of early immune stimulation: a Childhood Leukemia International Consortium study. *Am J Epidemiol.* 2015;181(8):549-62. DOI: <https://doi.org/10.1093/aje/kwu298>
- Petridou ET, Sergeantanis TN, Perlepe C, Papathoma P, Tsilimidos G, Kontogeorgi E, Kourti M, Baka M, Moschovi M, Polychronopoulou S, Sidi V, Hatzipantelis E, Stiakaki E, Iliadou AN, La Vecchia C, Skalkidou A, Adami HO. Socioeconomic disparities in survival from childhood leukemia in the United States and globally: a meta-analysis. *Ann Oncol.* 2015;26(3):589-97. DOI: <https://doi.org/10.1093/annonc/mdl572>
- Thomopoulos TP, Ntouvelis E, Diamantaras AA, Tzanoudaki M, Baka M, Hatzipantelis E, Kourti M, Polychronopoulou S, Sidi V, Stiakaki E, Moschovi M, Kantzanou M, Petridou ET. Maternal and childhood consumption of coffee, tea and cola beverages in association with childhood leukemia: a meta-analysis. *Cancer Epidemiol.* 2015;39(6):1047-59. DOI: <https://doi.org/10.1016/j.canep.2015.08.009>
- Kaparou M, Choumerianou D, Perdikogianni C, Martimianaki G, Kalmanti M, Stiakaki E. Enhanced levels of the apoptotic BAX/BCL-2 ratio in children with acute lymphoblastic leukemia and high-risk features. *Genet Mol Biol.* 2013;36(1):7-11. DOI: <https://doi.org/10.1590/S1415-47572013005000003>
- Sergeantanis T, Dessypris N, Kanavidis P, Skalkidis I, Baka M, Polychronopoulou S, Athanassiadou F, Stiakaki E, Frangandrea I, Moschovi M, Petridou ET. Socioeconomic status, area remoteness, and survival from childhood leukemia: results from the Nationwide Registry for Childhood Hematological Malignancies in Greece. *Eur J Cancer Prev.* 2013;22(5):473-9. DOI: <https://doi.org/10.1097/CEJ.0b013e32835c7f69>

- Petridou ET, Dimitrova N, Eser S, Kachanov D, Karakilinc H, Varfolomeeva S, Belechri M, Baka M, Moschovi M, Polychronopoulou S, Athanasiadou-Piperopoulou F, Fragandrea I, Stiakaki E, Pourtsidis A, Stefanadis C, Coebergh JW, Sergeantanis TN. Childhood leukemia and lymphoma: time trends and factors affecting survival in five Southern and Eastern European Cancer Registries. *Cancer Causes Control*. 2013;24(6):1111-8. DOI: <https://doi.org/10.1007/s10552-013-0188-y>
- Karathanasis NV, Stiakaki E, Goulielmos GN, Kalmanti M. The role of the methylenetetrahydrofolate reductase 677 and 1298 polymorphisms in Cretan children with acute lymphoblastic leukemia. *Genet Test Mol Biomarkers*. 2011;15(1-2):5-10. DOI: <https://doi.org/10.1089/gtmb.2010.0083>
- Choumerianou DM, Martimianaki G, Stiakaki E, Kalmanti L, Kalmanti M, Dimitriou H. Comparative study of stemness characteristics of mesenchymal cells from bone marrow of children and adults. *Cytotherapy*. 2010;12(7):881-7. DOI: <https://doi.org/10.3109/14653249.2010.501790>
- Perdikogianni C, Dimitriou H, Stiakaki E, Martimianaki G, Kalmanti M. Could cord blood be a source of mesenchymal stromal cells for clinical use? *Cytotherapy*. 2008;10(5):452-9. DOI: <https://doi.org/10.1080/14653240701883079>
- Germanakis I, Kalmanti M, Parthenakis F, Nikitovic D, Stiakaki E, Patrianakos A, Vardas PE. Correlation of plasma N-terminal pro-brain natriuretic peptide levels with left ventricle mass in children treated with anthracyclines. *Int J Cardiol*. 2006;108(2):212-5. DOI: <https://doi.org/10.1016/j.ijcard.2005.05.006>
- Palomero T, McKenna K, O-Neil J, Galinsky I, Stone R, Suzukawa K, Stiakaki E, Kalmanti M, Fox EA, Caligiuri MA, Aster JC, Look AT, Ferrando AA. Activating mutations in NOTCH1 in acute myeloid leukemia and lineage switch leukemias. *Leukemia*. 2006;20(11):1963-6. DOI: <https://doi.org/10.1038/sj.leu.2404409>
- Papageorgiou M, Stiakaki E, Dimitriou H, Malliaraki N, Notas G, Castanas E, Kalmanti M. Cancer chemotherapy reduces plasma total antioxidant capacity in children with malignancies. *Leuk Res*. 2005;29(1):11-6. DOI: <https://doi.org/10.1016/j.leukres.2004.04.017>
- Mantadakis E, Danilatos V, Stiakaki E, Kalmanti M. Rituximab for refractory Evans syndrome and other immune-mediated hematologic diseases. *Am J Hematol*. 2004;77(3):303-10. DOI: <https://doi.org/10.1002/ajh.20180>
- Kalmanti M, Germanakis J, Stiakaki E, Syfridaki C, Christidou A, Tsetis D, Vardas P, Charisis G. Prophylaxis with urokinase in pediatric oncology patients with central venous catheters. *Pediatr Hematol Oncol*. 2002;19(3):173-9. DOI: <https://doi.org/10.1080/088800102753541323>
- 34 Publications in Greek medical journals

• CONFERENCES & WORKSHOPS

- >250 presentations in national scientific conferences and workshops
- 143 presentations in international scientific conferences and workshops. Indicative published presentations during the last 5 years:
- 54th Congress of the International Society of Paediatric Oncology, SIOP 2022, Barcelona, Spain
 - Common practice of the osteosarcoma management in pediatric oncology centers. A nationwide report (ID 972)
 - Hodgkin lymphoma. Ten years of experience from the Hellenic Working Group (ID 1006)
 - Long-term survivors with rhabdoid tumors are rare: A national report from Greece (ID 904)
 - High-grade and diffuse intrinsic pontine gliomas in Greek pediatric patients: First national report (ID 1110)
 - Complications of central venous and peripheral inserted central line catheters in pediatric oncology patients. A single center experience (ID 373)
 - Scopes and first annual results of the National Registry of Paediatric patients with Neoplastic Diseases in Greece (ID 1492)
- 27th Congress of the European Hematology Association, EHA 2022, Vienna, Austria (HemaSphere 2022;6(S3):273-274 DOI: <https://doi.org/10.1097/01.HS9.0000844380.39022.8d>)
 - Athanasopoulos E, Martimianaki G, Pelagiadis I, Stratigaki M, Katzilakis N, Stiakaki E. P373: Circulating endothelial progenitor cells and metabolic factors in childhood cancer survivors.

- 53th Congress of the International Society of Paediatric Oncology, SIOP 2021, Virtual Congress (Pediatric Blood & Cancer 2021;68(S5):e29349 DOI: <https://doi.org/10.1002/pbc.29349>)
 - Overall and Event-Free Survival of Childhood Lymphoma in Greece: Results of the Nationwide Registry of Childhood Hematological Malignancies and Solid Tumors (NARECHEM-ST) Harmonized-Clinical Data (1996-2019) (PV0103 / #1573)
 - Neuroblastoma Risk and Maternal Lifestyle Factors: A Systematic Review and Meta-Analysis Including the Greek Nationwide Registry of Childhood Hematological Malignancies and Solid Tumours (NARECHEM-ST) Data (PV0140 / #1609)
 - Patients with COVID-19 Infection and Hematological Cancer - A Nationwide Survey in Greece (PV0383 / #1432)
 - Patients with Down Syndrome and Acute Leukemia (PO0008 / #1566)
- 63rd ASH Annual Meeting, 2021, Atlanta, GA, US (Blood 2021;138(Supplement 1):4058 DOI: <https://doi.org/10.1182/blood-2021-147236>)
 - ERN-EuroBloodNet European Registry of Patients Affected by Red Blood Cell Disorders and COVID-19 (#904)
- 52th Congress of the International Society of Paediatric Oncology, SIOP 2020, Virtual Congress (Pediatric Blood & Cancer 2020;67(S4):e28742 DOI: <https://doi.org/10.1002/pbc.28742>)
 - Greek National Registry Results of Pediatric Patients with Langerhans Cell Histiocytosis (LCH) Spanning Two Decades. A Hellenic Society of Pediatric Hematology-Oncology Study (HESPHO) (0727 / #1183)
- 24th European Hematology Association Congress, 2019, Amsterdam, the Netherlands (HemaSphere 2019;3(S1):762 DOI: <https://doi.org/10.1097/01.HS9.0000564836.39767.9a>)
 - Expression of phosphorylated AKT and Class I PI3K isoforms in childhood acute lymphoblastic leukemia (PB1647)
- 51st Congress of the International Society of Paediatric Oncology, SIOP 2019, Lyon, France (Pediatric Blood & Cancer 2019;66(Suppl.4):e27989 DOI: <https://doi.org/10.1002/pbc.27989>)
 - CYP1A1 and CXCL12 Gene Polymorphisms in Childhood Acute Lymphoblastic Leukemia (PO075 SIOP19-0407)
- 50th Congress of the International Society of Paediatric Oncology, SIOP 2018, Kyoto, Japan (Pediatric Blood & Cancer 2018;65(S2):e27455 DOI: <https://doi.org/10.1002/pbc.27455>)
 - Neuroblastoma in Southern and Eastern Europe: Effect of Human Development Index on Incidence and Survival (PO-394; S271-S272)
 - Characteristics and Outcome of Neuroblastoma in Greece: Data from the Clinical Nationwide Registry of Childhood Hematological Malignancies/Solid Tumors (NARECHEM-ST) 2009-2017 (PO-395; S272-S273)
 - Wilms Tumor in Southern and Eastern Europe: Incidence and Survival Rates by Human Development Index (PO-461; S301-S302)
 - Characteristics and Outcomes Among Children Suffering Wilms Tumor: Nationwide Registry of Childhood Hematological Malignancies and Solid Tumors (NARECHEM-ST) Greek Data (PO-462; S302-S303)
- 44th Annual Meeting of the European Society for Blood and Marrow Transplantation, EBMT 2018, Lisbon, Portugal (Bone Marrow Transplantation 2019;53(Suppl 1) DOI: <https://doi.org/10.1038/s41409-018-0354-7>)
 - CXCL12 and CYP1A1 gene polymorphisms in childhood solid tumors (P-728; 689-690)
 - Non-alcoholic fatty liver disease as a late effect of childhood acute lymphoblastic leukemia and lymphomas (P755; 708-709)
- 22nd Congress of the European Hematology Association, 2017, Madrid, Spain (Haematologica 2017;102(s2):p658 & p742-3 DOI: <https://doi.org/10.3324/%25x>)
 - CYP1A1 and CXCL12 gene polymorphisms in childhood acute lymphoblastic leukemia (PB1626)
 - Circulating endothelial progenitor cells and metabolic factors in childhood cancer survivors (PB1854)
- 49th Congress of the International Society of Paediatric Oncology, SIOP 2017, Washington, DC, USA (Pediatric Blood & Cancer 2017;64(S3):e26772 DOI: <https://doi.org/10.1002/pbc.26772>)
 - Circulating Endothelial Cells and Metabolic Status in Childhood Cancer Survivors (P-051; S189-S190)

MEMBERSHIPS & REVIEWING ACTIVITIES

Current memberships in scientific organizations:

International Society of Stem Cell Research (ISSCR), American Society of Hematology (ASH), American Society of Pediatric Hematology/Oncology (ASPHO), International Cord Blood Society, European Group for Blood and Marrow Transplantation (EBMT), International Society of Pediatric Oncology (SIOP), European Society of Pediatric Oncology (SIOPE), International Society of Pediatric Oncology Europe Neuroblastoma (SIOPEN), European Hematology Association (EHA), Greek Society of Hematology, Greek Society of Pediatrics, Greek Society of Pediatric Hematology-Oncology, Pediatric Hematology Division of the Greek Society of Hematology

Reviewer in medical journals with impact factor (IF):

Pediatric Blood & Cancer (3.2), Leukemia Research (2.7), Journal of Tissue Engineering (8.2), Pediatric Hematology Oncology Journal (1.7), Journal of Pediatric Hematology/Oncology (1.2), Advances in Hematology, Paediatrici

Editorial Board Member in Journal of Child and Adolescent Health

Member of the Committee of Technical Specifications for the Standardization of Blood Samples, 7th Health District, Crete, Greece (2018 - present)

TEACHING ACTIVITIES

2018 - present	Director of Studies in post-graduate MSc program "Hematology - Oncology of Childhood and Adolescence", School of Medicine, University of Crete, Heraklion, Greece
2004 - present	Undergraduate level courses: "Pediatric Hematology-Oncology" elective course (10 th semester), School of Medicine, University of Crete, Heraklion, Greece
1993 - present	Undergraduate level courses: "Pediatrics" compulsory course (8 th semester), School of Medicine, University of Crete, Heraklion, Greece
1993 - present	Undergraduate level courses: "Clinical Practice in Pediatrics" compulsory course (senior medical students), School of Medicine, University of Crete, Heraklion, Greece
1993 - present	Providing medical specialty training in Pediatrics, Department of Pediatric Hematology-Oncology, University Hospital of Heraklion, Heraklion, Greece

SUPERVISION OF POST-GRADUATE STUDENTS & DOCTORAL FELLOWS

2006 - present	Supervisor of 13 PhD theses (10 completed successfully; 3 ongoing) School of Medicine, University of Crete, Heraklion, Greece
2010 - present	Supervisor of 35 post-graduate MSc theses (all successfully completed) School of Medicine, University of Crete, Heraklion, Greece

AWARDS	
1997 - 2018	19 Awards in national scientific conferences: - "Choremio" Honorary Award X 6 times recipient (1st prize: 2000, 2008, and 2009; 2nd: 2002, and 2007; 3rd prize: 1997) - Best Oral Presentation award, Congress of the Greek Society for Social Pediatrics and Health promotion (1st prize: 2014, and 2017; 2nd prize: 2018; 3rd prize: 2015) - Best Poster Presentation award, Congress of the Greek Society for Social Pediatrics and Health promotion (1st prize: 2017, 2018; 3rd prize: 2018) - Best Clinical Trial award, Panhellenic Congress of Pediatric Hematology-Oncology (1st 2018 X 2; 2nd 2018) - Best Oral Presentation award, Panhellenic Hematology Congress (1st prize: 2008; 2nd prize: 2004) - Best Poster Presentation award, Panhellenic Hematology Congress (1st prize: 2009)
1977 - 1981	State Scholarships Foundation (IKY) Scholarship recipient (X 4 times)

RESEARCH GRANTS			
Project Title	Funding source	Period	Role of the PI
Circulating Endothelial Progenitor Cells and Metabolic disorders in childhood cancer survivors	Special Account for Research Grants (ELKE), University of Crete: KA10509	2019	PI
Non-alcoholic fatty liver disease in children and adolescents with acute leukemia and lymphoma as a late effect of treatment: the role of non-invasive biomarkers in diagnosis, prognosis, and follow-up.	Special Account for Research Grants (ELKE), University of Crete: KA4657	2016	PI
Study of the role of FAS, CXCL12, TP53, and CYP1A1 gene polymorphisms in acute lymphoblastic leukemia of childhood and adolescence.	Special Account for Research Grants (ELKE), University of Crete: KA4440	2016	PI
Study of bone metabolism in children and adolescents with acute lymphoblastic leukemia.	Special Account for Research Grants (ELKE), University of Crete: KA3891	2013 - 2020	PI
Study of PI3K/AKT/PTEN signalling pathway in acute lymphoblastic leukemia of childhood and adolescence.	Special Account for Research Grants (ELKE), University of Crete: KA3606	2012	PI
Study of the role of endothelial cells in acute lymphoblastic leukemia and other malignant or benign hematological conditions of childhood.	Special Account for Research Grants (ELKE), University of Crete: KA3095	2010	PI

Rhea Mother-Child Study in Crete	EU, NewGeneris, and Hi-Wate	2006	Collaborating Department Coordinator
Study of the role of spectral imaging in acute lymphoblastic leukemia of childhood.	Ministry of Health and Social Solidarity: ΔΥ2Β/OIK128320/ 30-11-2005	2005	SI
Adult mesenchymal stem cells engineering for connective tissue disorders: From the bench to the bedside (GENOSTEM).	6 th Framework Programme: 503161	2003 - 2007	SI
Holistic approach of childhood cancer. Specialization and training of the Transplantation Unit personnel.	EU, Leonardo da Vinci: KA1498	2001 - 2002	SI
Study of umbilical cord blood hematopoietic cells. Potential utilization in transplantation.	Research Committee, University of Crete: KA796	1996 - 1997	SI
Transplantation of umbilical cord and placenta blood in malignant diseases and hematological malignancies of childhood.	General Secretariat for Research and Technology (Research Capacity Building Program; PENED): KA690	1996 - 1998	SI
Laser applications in Medicine: Photodynamic diagnosis of malignant tissue. Photodynamic methods of cancer treatment.	STRIDE Hellas-LATEM (Laser Technology in Medicine), Institute of Electronic Structure and Laser - Foundation for Research and Technology-Hellas (FORTH): KA455	1992	Collaborating Scientist