

GEORGE ALBERT KARIKAS, Emeritus professor
Dept. of Biomedical Sciences,
University of West Attica, Athens, Greece
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Education:

▪ Ph.D. in Chemistry of Natural Products, Manchester University, U.K. (1986)
▪ Ph.D. in Biochemistry/Pharmacognosy, National and Kapodistrian University of Athens (NKUA), Greece (1981)
▪ Bachelor in Pharmacy, NKUA, Greece (1976)
▪ Foreign languages: English, Spanish

Professional employment:

▪ Quality Control Officer of the Pharmaceutical / Cosmetics Industry, MEDHEL, Attica, Greece (1988)
▪ Clinical Pharmacist, NHS Director, Parenteral Nutrition and Pharmacokinetics Unit, 'Aghia Sofia' Children's Hospital, Athens, Greece (1989-2003)
▪ Director of the Pharmaceutical Department, General Hospital "Tzanio", Piraeus, Greece (2003-2006)

Teaching experience:

▪ Pharmacognosy Tutor, University of Manchester, U.K. (1984-86)
▪ Visiting Professor of Pharmacognosy, Universidad de Panama, Panama Universidad de Salamanca, Spain (1992-93, 1994-95)
▪ Lecturer of Pharmacokinetics, Department of Nursing, NKUA, (1999-2000)
▪ Scientific and Laboratory collaborator, TEI of Athens, Greece (2002-2007)
▪ Associate Professor of Biochemistry-Clinical Chemistry, TEI of Athens, (2007-2011)
▪ Professor of Biochemistry-Clinical Chemistry, TEI of Athens, (2012-2017)
▪ Professor, Director and collaborator of Master Program, Biomedical Dept., University of West Attica, Athens, Greece (2015-)

Administrative and other related duties (indicative):

- NHS Director, Ministry of Health, Greece, 2002-2007
- Member of the Scientific Council for the Approval, Greek National Medicines Agency (EOF): Special nutrition products - nutritional supplements. (2002-04)
- Vice President of the Scientific Council, A 'PESY Attica, Greece (2002-04)
- Chairman of the Pharmacology Committee, A 'PESY Attica, Greece (2002-04)
- Member of the Pharmacovigilance Committee, Greek National Medicines Agency (EOF) (2003-04)
- Member of the Committees for Medicines and Hospital Infections, General Hospital of Piraeus 'Tzanio', Greece (2004-7)

- Evaluator of the Register of research programs-dissertations, Ministry of Education, Greece, (Heraclitus II), (2009)
- Examiner of Foreign Scholarship Candidates, IKY, Greece (2008, 2009, 2010)
- Associate Member of the Greek Board DOATAP, representative of Health Sciences, (2011-13, 2014-2016)
- Head of the Department of Medical Laboratories, TEI of Athens, 2011-15
- Member of the Committee (chairman) of the Internal and External Evaluation of the Department of Medical Laboratories, TEI of Athens (2010, 2012)
- Founder and Director of the Postgraduate Program entitled "Biomedical methods and technology in diagnosis", Department of Medical Laboratories, TEI of Athens (academic years, 2015-17)
- Supervisor/examiner, more than 60 diplomas under/postgraduate theses (NKUA, TEI of Athens / UniWA, Frederick University and universities abroad).

Member of Editorial Committees:

▪ Editor-in-Chief of the scientific journal <i>Pharmakeftiki</i>
▪ Member of the Editorial Board of the Scientific <i>Journal of the Balkan Union of Oncology</i>
▪ Member of the Editorial Team of the scientific journal <i>Clinical Reviews and Opinions</i>
▪ Member of the Editorial Board of the scientific journal <i>Review of Clinical Pharmacology and Pharmacokinetics</i> , International Edition
▪ Reviewer Board Member of the scientific journal <i>Molecules</i>
▪ Guest Editor in <i>Molecules Special Issue: Synthesis, Extraction and Biological Evaluation of Natural Products</i>

Member of scientific societies (indicative):

▪ Hellenic Society of Clinical Chemistry-Clinical Biochemistry
▪ Hellenic Society of Pharmacochimistry (Medicinal Chemistry)
▪ Hellenic Pharmaceutical Society
▪ Panhellenic Association of Hospital Pharmacists (PEFNI)
▪ Hellenic Biochemical and Biophysical Society
▪ European Society of Clinical Pharmacy
▪ Phytochemical Society of Europe
▪ American Association for the Advancement of Science (AAAS)
▪ Iberoamericana of Natural Medical Products
▪ Panama Association for the Advancement of Science (APANAC)

International Journals Reviewer:

Metabolism, Journal of Pharmacognosy, European Journal of Clinical Investigation, Pharmaceutical Biology, International Journal of Medicine and Medical Sciences, Clinical Reviews and Opinions, Journal of Medical Laboratory and Diagnosis, Journal of Cancer Research and Experimental Oncology, The Protein Journal, Investigational New Drugs, Recent Patents on Anticancer Drug Discovery, Journal of Cancer Research and

Therapeutics, The Scientific pages of Marine Biology and Aquaculture, Current Pharmaceutical Design, Clinical and Experimental Medicine, Evidence-Based Complementary and Alternative Medicine, Journal of Medical Biochemistry, Biomolecules, Molecular and Clinical Oncology, Nutrients, Molecules, Antioxidants, Archives of Medical Sciences.

Awards/Distinctions:

▪ Scholar of the Greek National Research Foundation (NHRF), 1977-1981
▪ Scholar of the Greek State Scholarship Foundation (abroad) 1983-1986
▪ European Union Fellow - ALA-MED (Spain-Central America) 1992-1993
▪ Member, New York Academy of Sciences, 1997
▪ Biography at WHO IS WHO in the World, Marquis, Millennium Edition 2000
▪ Biography at WHO IS WHO in Medicine and Healthcare 4th Ed. 2002-2003
▪ Reference to Leading Scientists of the World, 2006
▪ Special Award of TEI of Athens, Greece, for his significant contribution to the diffusion of Open Academic Courses, 2015
▪ Emeritus Professor, TEI of Athens, Greece, November 2017
▪ Research papers/presentations have been awarded, 1996, 2004, 2010, 2011, 2012
▪ Emeritus Professor, University of West Attica, Athens, Greece, January 2021
▪ Honorary Distinction, Rector's Council of the University of West Attica, Athens, Greece, November 2021
▪ First Biochemistry scientist in the University of West Attica, Athens, Greece, (AD Scientific Index 2022)

Books (author, co-author):

- Pharmacognosy, **G.A.Karikas** Approved by the Greek Ministry of Education p.88, (57/1983)
- Biochemistry Courses, A.Fytou, **G.A Karikas**, Athens, Lychnos, 2005, p. 181 (EYDOXOS-Academic Books)
- Applied Biochemistry, **G.A.Karikas**, 1st Edition, Odysseas, 2012, 2nd Edition, 2019 p. 280, (EYDOXOS)
- Practical Biochemistry, **G.A.Karikas** Lychnos 2007, p. 162, (EYDOXOS)
- Current issues of Pharmacology, M. Venetikou, G. Iatrakis **G.A Karikas**, Zevelekakis Publications, 2014, p. 272, (EYDOXOS)
- Pharmacology in Obstetrics / Gynecology, M. Venetikou, G. Iatrakis **G.A Karikas**, p. 450, Zevelekaki Publications, 2017, p. 272, (EYDOXOS)
- Dictionary of Medical Terminology, Collective work, 2nd Edition, p. 834, Zevelekakis Publications, 2020, (EYDOXOS)
- Current issues of Pharmacology, M.Venetikou, G. Iatrakis, **G.A Karikas**, Zevelekakis Publications, 2nd Edition, 2021, p. 240, (EYDOXOS)
- Pharmacology in Obstetrics and Gynecology, M.Venetikou, G. Iatrakis, **G.A Karikas**, p. 450, Zevelekakis Publications, 2nd Edition 2021, p. 331, (EYDOXOS).

Book Editing/Authoring:

- On line: Laboratory Exercises in Clinical Chemistry, KALLIPOS, Academic Books 2016: Reviewer
- On line: Experimental Biochemistry, KALLIPOS, Academic Books, 2022: Reviewer/Author
- Vaccines: Truths, Lies and Doubts, Peter C. Gotzsche, Zevelekakis Publications, 2022: Reviewer.

University Notes (author):

Introduction courses in Pharmacology, Clinical Pharmacology, Immunology-Immunochemistry, Medical and Environmental Toxicology, Biopharmacy-Pharmacokinetics, Pharmacognosy, Chemistry of Bioactive Natural Compounds, (1998-2020).

Research interests:

Biochemical studies of prognostic, diagnostic and nutritional biomarkers. Pharmacognosy/ Chemistry of Natural Products and Pharmacokinetics.

Number of scientific publications /citations/ reports:

▪ >100 research articles, chapters, reviews in international, Greek journals with peer reviewers and books
▪ 1800 international citations, h-index: 23, i10-index: 41 (source: Google scholar)
▪ >150 speeches-presentations-posters, in Domestic / Foreign Conferences

Selected publications (source: Scopus, PubMed, Google Scholar):

1. Antimicrobial activities of *saponaria cyprica* Boiss. Root extracts and the identification of nine saponins and six phenolic compounds. Charalambous D, Christoforou M, Kitiri En, Andreou M, Partassides D, Papachrysostomou Ch. Frantzi M. **Karikas G.A.**, Pantelidou M. *Molecules*, 27 (18), 5812, (2022)
2. Hypericum Essential Oils-Composition and Bioactivities: An update (2012-2022). Grafakou ME, Barda C, **Karikas G.A.**, Skaltsa H. *Molecules*, 27(16), 5246. (2022)
3. A swift risk analysis for COVID-19 testing facilities using rapid tests. Vourtsis D, Papageorgiou E, Kriebardis A, **Karikas G.A.** *One Health and Risk Management*, 3(4), 48, (2022)
4. Serum lipids and lipokines as prognostic/diagnostic biomarkers in common cancers. Dogkas P, Trapali M, Fountzoula C, **Karikas G.A.**, karkalousos P. *Journal of Diabetes Mellitus*, 27(13), 122-140 (2022)
5. Vocational High Schools Apprenticeship Programm, in Greece: Application, Recent Facts and Views. Vlassopoulos G, **Karikas G.A.**, Pappageorgiou E,

- Psaromiligos G, Giannouli N, Karkalousos P. *Open Journal of Leadership*, 11, 92-110, (2022)
6. The use of common E-Learning tools towards state (degree) of scientific literacy in Greek second chance schools, during the first wave of the Covid-19 pandemic. Trapali V, **Karikas G.A.**, Papageorgiou E, Fountzoula Chr. Trapali M., Karkalousos P. *Creative Education*, 13, 167-182, (2022)
 7. Phytochemical analysis- Biological properties of *Heliotropium procubens* from Panama. T. Mroczek, G. Zengin, K. Graikou, E.-F. Varvouni, C. Ganos K.-M. Ozntamar-Pouloglou, **G.-A Karikas**, I. Chinou. *Planta Med* 2021; 87(15): 1290
 8. Cajamolides A-N: Cytotoxic and anti-inflammatory sesquiterpene lactones from *Calea jamaicensis*. Grafakou Maria Eleni, Christina Barda, **Karikas G.A**, Heilmann Joerg, Skaltsa Helen. *Bioorganic Chemistry*. 116, 105351, (2021)
 9. The growing complexity of COVID-19 drug and vaccine candidates: challenges and critical transitions. Shariare MH, Parvez AK, **Karikas G.A**, Kazi M. *Journal of Infection and Public Health*, 14, 214-220, (2021)
 10. Assessment of Greek high school students towards distance learning, during the first wave of COVID-19 pandemic. Vlassopoulos G, **Karikas G.A**, Papageorgiou E, Psalomilingos G, Giannouli N, Karkalousos P. *Creative Education*, 12, 934-949, (2021)
 11. Is *portulaca olearacea* a medicinal plant? Overview of recent data. Varvouni EF, Graikou K, **Karikas G.A.**, Chinou I. *Pharmakeftiki*, 33(I), 30-51, (2021)
 12. Paraoxonase1 low activity and SYNTAX score may predict postoperative complications after coronary artery surgery. Vukicevic P, Klisic A, Kotur J, Mikic A, Bogavac-Stanojevic, Matkovic M, Putnic S, Aleksic N, Tutus V, **karikas G.A**. *European Review for Medical and Pharmacological Sciences*, 25:1511-1521 (2021)
 13. Acute myeloid leukaemia: recent data on prognostic gene mutations, in relation to stratified therapies for elderly patients. Soura E., **Karikas, G.A.** *J BUON* 24(4): 1326-1339, (2019)
 14. Chemistry and pharmacotoxicity of cannabis: recent data. Tesseromatis C, **Karikas, G.A.** *Pharmakeftiki* 31(III): 124-156, (2019)
 15. Phytochemical analysis and biological evaluation of selected *Cordia* species from Panama. Marini G, Graikou K, Zengin, Gupta M, **Karikas, G.A.**, Chinou I. *Industrial Crops and Products*, 120, 84-89, (2018)
 16. *Hippophae rhamnoides* L. Seeds: Traditional and current therapeutic applications. Chinou, I Ganos CG, Graikou K, **Karikas GA**. *Pharmakeftiki*, 29, 2, 42-61, (2017)
 17. Chemical constituents from *Cordia alliodora* and *C. colloccoca* from Panama and their antimicrobial and cytotoxic activities Fouseki MA, Damianakos H, **Karikas, G.A.**, Roussakis Ch, Gupta MP, Chinou I. *Planta Medica* 81S1-S381, (2016)
 18. Chemical constituents from *Cordia alliodora* and *C. colloccoca* (Boraginaceae) and their biological activities. Fouseki MA, Damianakos H, **Karikas, G.A**, Roussakis Ch, Gupta MP, Chinou I. *Fitoterapia* 115 9-14, (2016)
 19. Nutri-epigenetics and synthetic analogs in cancer chemoprevention, Flavouraris G., **Karikas, G.A.** *Journal of BUON*, 21(1), 4-16, (2016)

20. Transient vs Permanent Congenital Hypothyroidism: The Use of Baseline Characteristics and Long-Term Data Can Help Formulate a Practical Prognostic Algorithm. Giogli V, Kanaka C, Chouliaras G, Arditì JD, Gika A, Iliadi A, Platis D, Kyritsi EM, Karkalousos P, **Karikas G.A.**, Megreli Ch, Chrousos G, Girginoudis P, Voutetakis A. *Hormone Research in Paediatrics*, 84 (Suppl. 1), (2015)
21. Photocatalytic and photoelectrocatalytic degradation of the antibacterial agent ciprofloxacin .Tantis, I., Bousiakou, L., **Karikas, G.A.**, Lianos, P. 2015 *Photochemical and Photobiological Sciences* 14 (3) , pp. 603
22. Nutritional constituents and other compounds as promising strategies towards cancer prevention and therapy. **Karikas G.A.** *Review of Clinical Pharmacology and Pharmacokinetics*, Int. Edition, 29, 109-117, (2015)
23. Determining residual anti-ulcer and anti-platelet pharmaceutical agents after wastewater treatment at the South tertiary municipal treatment plant in Riyadh, Saudi Arabia. Mohsin, K., Bousiakou, L.G., Maria, K., Amal, F., **Karikas, G.A.** 2015 *Research Journal of Chemistry and Environment* 19 (2) , pp. 18
24. Nutritional exposure to toxic pyrrolizidine alkaloids. Damianakos, C., Chinou, I., **Karikas, G.A.** 2015 *Pharmakeftiki* 27 (1-2) , pp. 15
25. Correlations of serum lipid concentrations in patients with acute lymphoblastic leukemia. Soura, E.-N., Sevastou, A., Villiotou, V., **Karikas, G.A.** 2015 *Epitheorese Klinikes Farmakologias kai Farmakokinetikes* 33 (1) , pp. 25
26. UPLC-MS method for the simultaneous determination of naproxen, fluvastatin and ibuprofen in waste water samples. Wabaidur, S.M., Alothman, Z.A., Siddiqui, M.R., Mohsin, K., Bousiakou, L.G., **Karikas, G.A.** *Journal of Industrial and Engineering Chemistry*, 2015, 24 , pp. 302
27. Antioxidant treatment strategies for hyperphenylalaninemia. Mazzola, P.N., **Karikas, G.A.**, Schulpis, K.H., Dutra-Filho, C.S. 2013 *Metabolic Brain Disease* 28 (4) , pp. 541
28. The beneficial effect of adherence to the therapeutic diet on the main protein-energy wasting and several other biomarkers in children with phenylketonuria. Schulpis, K.H., Gioni, V., Platis, D., Kalogerakou, M., **Karikas, G.A.**, Afordakou, D., Papassotiriou, I. 2013 *Journal of Pediatric Biochemistry* 3 (2), pp. 99
29. Wastewater treatment technologies in the degradation of hormones and pharmaceuticals with focus on TiO₂ technologies. Bousiakou, L.G., Mohsin, K., Lianos, P., Fatani, A.J., Kalkani, E., **Karikas, G.A.** 2013 *Pharmakeftiki* 25 (2) ,
30. Pharmacogenomics: Current applications and future prospects towards personalized therapeutics. Vaiopoulou, A., Gazouli, M., **Karikas, G.A.** 2013 *Journal of B.U.ON.* 18 (3), pp. 570
31. Assessment and Modeling of Routinely Used Biochemical Laboratory Data of Healthy Individuals and End-Stage Renal Failure (ESRF) Patients by Three Different Chemometric Methods. Papaioannou, A., Rigas, G., Plageras, P., **Karikas, G.A.**, Karamanis, G. 2013 *Journal of Clinical Laboratory Analysis* 27 (3) pp. 211

32. Natural and synthetic agents in cancer chemoprevention. **Karikas, G.A.** 2012 *Pharmakeftiki* 24 (4) , pp. 79
33. Chemoprevention molecular and biochemical mechanisms involved in cancer control and management. **Karikas, G.A.** 2011 *Health Science Journal* 5 (2) , pp. 149
34. Maternal-neonatal magnesium and zinc serum concentrations after vaginal delivery. Schulpis, K.H., Karakonstantakis, T., Vlachos, G.D., Mentis, A.-F.A., **Karikas, G.A.**, Afordakou, D., Papastamataki, M., Antsaklis, A., Papassotiriou, I. 2010 *Scandinavian Journal of Clinical and Laboratory Investigation* 70 (7) , pp. 465
35. Anticancer and chemopreventing natural products: Some biochemical and therapeutic aspects. **Karikas, G.A.** 2010 *Journal of B.U.ON.* 15 (4) , pp. 627
36. Negative correlations of serum total-homocysteine and HDL-c levels in ICU patients. Samara, I., **Karikas, G.A.**, Kalkani, E., Tzimogianni, A., Bournousouzis, N., Fytou-Pallikari, A. 2010 *Health Science Journal* 4 (3) , pp. 189
37. Reduction of erythrocyte glucose-6-phosphate dehydrogenase activity in soccer-players during the game. Evidence for the participation of the neuroendocrine system in the regulation of the enzyme activity. Tsakiris, S., Parthimos, T., Reclos, G.G., **Karikas, G.A.**, Parthimos, N., Tsakiris, T., Schulpis, K.H. 2009 *Pharmakeftiki* 22 (2) , pp. 62
38. The role of L-Carnitine in the brain aging. Margaritis, M., Mentis, A.-F., Schulpis, K.H., **Karikas, G.A.**, Tsakiris, S. 2009 *Pharmakeftiki* 22 (1) , pp. 20
39. The role of L-Carnitine in neurodegenerative disorders. Margaritis, M., Mentis, A.-F., Schulpis, K.H., **Karikas, G.A.**, Tsakiris, S. 2009 *Pharmakeftiki* 22 (2) pp. 39
40. The use of lanthanum in the treatment of hyperphosphatemia in chronic renal disease: Effectiveness and safety. Skandali, N., Anifantaki, F., Almpani, M., Zarros, A., **Karikas, G.A.**, Tsakiris, S. 2009 *Pharmakeftiki* 22 (1) , pp. 12
41. α -Tocopherol supplementation protects serum paraoxonase 1/arylesterase activities against reduction induced by forced training. Tsakiris, S., **Karikas, G.A.**, Parthimos, T., Parthimos, N., Tsakiris, T., Schulpis, K.H. 2009 *Pharmakeftiki* 22 (3) , pp. 97
42. Maternal-neonatal amino acid blood levels in relation to the mode of delivery. Schulpis, K.H., Vlachos, G.D., Papakonstantinou, E.D., **Karikas, G.A.**, Vlachos, D.G., Roma, E., Antsaklis, A., Papassotiriou, I., Tsakiris, S. 2009 *Acta Obstetricia et Gynecologica Scandinavica* 88 (1) , pp. 71
43. Alpha-tocopherol supplementation prevents the exercise-induced reduction of serum paraoxonase 1/arylesterase activities in healthy individuals. Tsakiris, S., **Karikas, G.A.**, Parthimos, T., Tsakiris, T., Bakogiannis, C., Schulpis, K.H. 2009 *European Journal of Clinical Nutrition* 63 (2) , pp. 215
44. Early effects of sodium valproate monotherapy on serum paraoxonase/arylesterase activities. **Karikas, G.A.**, Schulpis, K.H., Bartzeliotou, A., Regoutas, S., Thanopoulou, C., Papaevangelou, V., Giannoulia-Karantana, A.,

- Papassotiriou, I., Fytou-Pallikari, A. 2009 *Scandinavian Journal of Clinical and Laboratory Investigation* 69 (1), pp. 31
45. "Assessment and modeling clinical laboratory data of healthy individuals and end-stage renal failure patients". G. Karamanis, G. Rigas, **G. Karikas, G.A.**, P. Plageras, S. Kella, A. Papaioannou. *Clinical Chemistry and Laboratory Medicine*, 2009, 47 (9), A85.
 46. The effect of Nutrition on maternal neonatal retinol and folate serum conc. In two ethnic groups. Schulpis, K. H., Vlachos, G. D., Michalakakou, K., **Karikas, G. A.**, Vlachos, D. G., Gounaris, A., Skenderi, K., Ioannis Papassotiriou, K. S. *Micronutrients and Health Research*, 71-106, Nova Science Publishers Inc, 2008
 47. The effect of training on the neuroprotein S100B serum concentration in basketball players. The role of α -tocopherol supplementation. Schulpis, K.H., **Karikas, G.A.**, Parthimos, T., Tsakiris, T., Parthimos, N., Tsakiris, S. 2008 *Pharmakeftiki* 21 (3) , pp. 82
 48. L-cysteine prevents modulation of erythrocyte membrane acetylcholinesterase and (Na⁺, K⁺)-ATPase activities during training. Parthimos, T., Tsopanakis, C., Angelogianni, P., **Karikas, G.A.**, Schulpis, K.H., Parthimos, N., Tsakiris, S. 2008 *Pharmakeftiki* 21 (2) , pp. 63
 49. L-cysteine supplementation protects the erythrocyte glucose-6-phosphate dehydrogenase activity from reduction induced by forced training. Schulpis, K.H., **Karikas, G.A.**, Reclos, G.J., Parthimos, T., Parthimos, N., Gavriliadis, A., Tsakiris, S. 2008 *Pharmakeftiki* 21 (3), pp. 91
 50. The effect of the mode of delivery on maternal-neonatal interleukin-6, biogenic amine and their precursor amino acid concentrations. Schulpis, K.H., Vlachos, G.D., **Karikas, G.A.**, Papakonstantinou, E.D., Vlachos, D.G., Papassotiriou, I., Antsaklis, A., Tsakiris, S. 2008 *Clinical Chemistry and Laboratory Medicine* 46 (11), pp. 1624
 51. An in vivo and in vitro study of the effect of L-carnitine on the erythrocyte membrane acetylcholinesterase, (Na⁺, K⁺)-ATPase and Mg²⁺-ATPase activities in basketball players. Parthimos, T., Schulpis, K.H., Angelogianni, P., **Karikas, G.A.**, Parthimos, N., Tsakiris, S. 2008 *Pharmakeftiki* 21 (1), pp. 30
 52. The effect of diet on Paraoxonase 1/Arylesterase activities in patients with disorders of galactose metabolism. Schulpis, K.H., **Karikas, G.A.**, Bartzeliotou, A., Papakonstantinou, E.D., Kalogerakou, M., Tsakiris, S. 2007 *Clinical Endocrinology* 67 (5), pp. 687
 53. Lipids, lipoproteins, apolipoproteins, selected trace elements and minerals in the serum of children on valproic acid monotherapy. **Karikas, G.A.**, Schulpis, K.H., Bartzeliotou, A., Karakonstantakis, T., Georgala, S., Kanavaki, I., Demetriou, E., Papassotiriou, I. 2006 *Basic and Clinical Pharmacology and Toxicology* 98 (6) , pp. 599
 54. The effect of nutritional habits on maternal-neonatal lipid and lipoprotein serum levels in three different ethnic groups. Schulpis, K.H., Gavrili, S.,

- Vlachos, G., **Karikas, G.A.**, Michalakakou, K., Demetriou, E., Papassotiriou, I. 2006 *Annals of Nutrition and Metabolism* 50 (3), pp. 290
55. Serum homocysteine levels and paraoxonase 1 activity in preschool aged children in Greece. **Karikas, G.A.**, Kriebardis, A., Samara, I., Schulpis, K., Papachristodoulou, M., Fytou-Pallikari, A. 2006 *Clinical Chemistry and Laboratory Medicine* 44 (5), pp. 623
 56. Valproic acid monotherapy induces DNA oxidative damage. Schulpis, K.H., Lazaropoulou, C., Regoutas, S., **Karikas, G.A.**, Margeli, A., Tsakiris, S., Papassotiriou, I. 2006 *Toxicology* 217 (2-3) ,pp. 228
 57. Pharmacokinetics of teicoplanin in an ICU population of children and infants. Lukas, J.C., **Karikas, G.A.**, Gazouli, M., Kalabalikis, P., Hatzis, T., Macheras, P. 2004 *Pharmaceutical Research* 21 (11), pp. 2064
 58. Maternal - Neonatal folate and vitamin B12 serum concentrations in Greeks and in Albanian immigrants. Schulpis, K., Spiropoulos, A., Gavrili, S., **Karikas, G.A.**, Grigori, C., Vlachos, G., Papassotiriou, I. 2004 *Journal of Human Nutrition and Dietetics* 17 (5), pp. 443
 59. Maternal - Neonatal serum selenium and copper levels in Greeks and Albanians. Schulpis, K.H., Karakonstantakis, T., Gavrili, S., Chronopoulou, G., **Karikas, G.A.**, Vlachos, G., Papassotiriou, I. 2004 *European Journal of Clinical Nutrition* 58 (9), pp. 1314
 60. Maternal - Neonatal retinol and α -tocopherol serum concentrations in Greeks and Albanians. Schulpis, K.H., Michalakakou, K., Gavrili, S., **Karikas, G.A.**, Lazaropoulou, C., Vlachos, G., Bakoula, C., Papassotiriou, I. 2004 *Acta Paediatrica, International Journal of Paediatrics* 93 (8), pp. 1075
 61. Morning preprandial plasma ghrelin and catecholamine concentrations in patients with phenylketonuria and normal controls: Evidence for catecholamine-mediated ghrelin regulation. Schulpis, K.H., Papassotiriou, I., Vounatsou, M., **Karikas, G.A.**, Tsakiris, S., Chrousos, G.P. 2004 *Journal of Clinical Endocrinology and Metabolism* 89 (8), pp. 3983
 62. The association of serum lipids, lipoproteins and apolipoproteins with selected trace elements and minerals in phenylketonuric patients on diet. Schulpis, K.H., Karakonstantakis, T., Bartzeliotou, A., **Karikas, G.A.**, Papassotiriou, I. 2004 *Clinical Nutrition* 23 (3), pp. 401
 63. The effect of neonatal jaundice on biotinidase activity. Schulpis, K.H., Gavrili, S., Tjamouranis, J., **Karikas, G.A.**, Kapiki, A., Costalos, C. 2003 *Early Human Development* 72 (1), pp. 15
 64. Effect of diet on plasma total antioxidant status in phenylketonuric patients. Schulpis, K.H., Tsakiris, S., **Karikas, G.A.**, Moukas, M., Behrakis, P. 2003 *European Journal of Clinical Nutrition* 57 (2), pp. 383
 65. Reduced acetylcholinesterase activity in erythrocyte membranes from patients with phenylketonuria. Tsakiris, S., Schulpis, K.H., Tjamouranis, J., Michelakakis, H., **Karikas, G.A.** 2002 *Clinical Biochemistry* 35 (8), pp. 615

66. Acetylcholinesterase activity and biogenic amines in phenylketonuria. Schulpis, K.H., **Karikas, G.A.**, Tjamouranis, J., Michelakakis, H., Tsakiris, S. 2002 *Clinical Chemistry* 48 (10), pp. 1794
67. Homocysteine and other vascular risk factors in patients with phenylketonuria on a diet. Schulpis, K.H., **Karikas, G.A.**, Papakonstantinou, E. 2002 *Acta paediatrica* (Oslo, Norway: 1992) 91 (8)
68. Homocysteine and other vascular risk factors in patients with phenylketonuria on a diet. Schulpis, K.H., **Karikas, G.A.**, Papakonstantinou, E. 2002 *Acta Paediatrica, International Journal of Paediatrics* 91 (8), pp. 905
69. In vivo effects of high phenylalanine blood levels on Na⁺,K⁺-ATPase, Mg²⁺-ATPase activities and biogenic amine concentrations in phenylketonuria. Schulpis, K.H., Tjamouranis, J., **Karikas, G.A.**, Michelakakis, H., Tsakiris, S. 2002 *Clinical Biochemistry* 35 (4), pp. 281
70. Gonorrhoea control programme in Athens, 1974-98. Georgala, S., Schulpis, K., Georgala, C., **Karikas, G.A.** 2001 *Sexually Transmitted Infections* 77 (6), pp. 458
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