CURRICULUM VITAE

Emmanuel MIKROS PhD

Academic position: Professor
Date of Birth: January 11, 1961
Nationality: Hellenic
Languages: Greek, French, English
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Professional address:
Dept. of Pharmacy,
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https://www.linkedin.com/?trk=login_reg_redirect and https://www.researchgate.net/profile/Emmanuel_Mikros

Education

1988: Ph.D.	(Organic Chemistry) Université PARIS XI, Orsay, France
1984: M. Sc.	(Organic Chemistry) Université PARIS XI, Orsay, France
1983: Diploma	(Chemistry) University of Athens

Academic Career

2010-	Professor, Pharmaceutical Chemistry Division, Dept. of Pharmacy, Univ. of Athens
2017	Invited Professor University of Vienna, March-May 2017
2013	Invited Professor Institut de Chimie de Nice December 2013
2003-2010	Associate Professor, Pharmaceutical Chemistry Division, Univ. of Athens
1995- 2003	Assistant Professor, Pharmaceutical Chemistry Division, Univ. of Athens.
1996 *(6 months)*	Research Fellow, Institut für Chemie Medizinische Universität zu Lübeck, Germany, Prof. T. Peters
1994, 1993 *(4 months)*	Research Fellow, Ingénierie Moléculaire, INRA, Centre de Recherches de Nantes, France. Dr. S. Perez
1992	Research Fellow Bioorganic and Spectroscopic Section, National Cancer Research Institute, France, Prof. K. Antonakis
1991-1995	Lecturer, Pharmaceutical Chemistry Division, Univ. of Athens.
1989-1991	Research Fellow, Pharmaceutical Chemistry Division, Univ. of Athens.
1988-1989	Chemist (Military Service), Chemistry Lab. Hellenic Air Force Research Center. Athens.
1988	Laboratoire de Biologie Physicochimique. Univ. Paris XI, Prof. J. Janin
1987	Dept. of Chemistry, Swarthmore College, Pensylvania, USA., Prof. R. Pasternack
1983-1988	Ph. D. student, Lab. de Chimie de Coordination Bioorganique.Univ. Paris XI, Prof. A. Gaudemer

Research Interests (http://molsim.pharm.uoa.gr/)

- Molecular Structure Analysis of natural products and biologically active molecules using N.M.R. spectroscopy and Molecular Simulations
- Drug Design, In Silico screening
- NMR based Metabolomics

Fellowships

♦ DAAD (Germany)	1996
♦ Marie Curie Fellowship (European)	1994
♦ CIES (France)	1993
♦ Nat. Found. Sch. (IKY Greece)	1985-88

Teaching experience (>180 h/year)

2004-	Inorganic Pharmaceutical Chemistry 1st year Pharmacy. Dept. of Pharmacy, Univ. of Athens
1991-	Organic Spectroscopy 2nd year Pharmacy and M.Sc. Pharmacy and Chemistry Depts.
2010-	Drug Design and Spectroscopy Laboratory training 3rd year Pharmacy Students
1989-	Pharmaceutical Analysis Laboratory training of 4th year Pharmacy students.
2015-	Drug Design, 4th year Pharmacy and MSc for Pharmacy and Biology students

Post Graduate Supervising 9 Ph.D., 21 MSc.

Project Funding: Participation in more than 20 Research and Educational funded projects by National and EU organisms **Selected Projects: LIFE 00 ENV/gr/000671** "Process development for an integrated olive oil mill waste management recovering natural antioxidants and producing organic fertilizer" (1.217.000). *AWARD TOP-20 BEST Life projects in EU for 2005*, **LIFE03 ENV/GR/000223** "Development of an economically viable process for the integrated management of winemaking industry waste; production of high added value natural products and organic fertilizer". (1.316.423€) *AWARD TOP-5 BEST Life projects in EU for 2008*, **FP7-REGPOT-2007-1 CSA 206570** Reinforcing scientific and technological potential of the Natural Products Laboratory- University of Athens (**NatForce**) (1.050.000). **FP7-PEOPLE-IAPP-2008 230763** Marie Curie Actions Bioactive natural compounds extracted and isolated from olive tree using modern technologies: Probing into their therapeutic potential (1.300.000). **FP7-KBBE-2009-3-1-04** "From Biodiversity to Chemodiversity: Novel Plant Produced Compounds with Agrochemical and Cosmetic interest" (**AgroCos**) (4.094.507). **NATIONAL ACTION: «COOPERATION» NSRF 2007-2013/11-675:** PIK3CA Oncogenic Mutations in Breast and Colon Cancers: Development of Targeted Anticancer Drugs and Diagnostics, (**POM)** (1,962,900) **NATIONAL-ACTION: «COOPERATION» NSRF 2007-2013/21-1003:** Development and Screening of Novel beta Amyloid Peptide Inhibitors for Alzheimer's Disease, (**TreatAD)** (1,800,000€). **NATIONAL ACTION: «COOPERATION» NSRF 2007-2013/12-827**- New markers for the diagnosis of resistance to antiplatelet drugs in patients with cardiovascular disease. Alternative therapeutic approach to the development of new antiplatelet agents, (**Resistance**), (1,000,000€). **H2020-MSCA-RISE-2015.** Novel natural products for healthy ageing from Mediterranean diet and food plants of other global sources (**MEDIHEALTH)** (1.224.000), **H2020-INFRADEV-01-2017-AMD-777554-6-** European Paediatric Translational Research Infrastructure (**EPTRI)** (2.000.000). **H2020-MSCA-RISE-2016** Bioactive compounds from Olea europaea: investigation and application in food, cosmetic and pharmaceutical industry (**OliveNet)** (1.732.500). **H2020-MSCA-ITN-2017.** Establishing the molecular fundamentals of arthritic diseases–a step forward to heal Arthritis (**ArthritisHeal). National-RI-MIS-5002636-** «Synthetic Biology: From omics technologies to genomic engineering» (**OMIC_ENGINE)** (4.000.000). **National-RI-MIS-5002803-**Upgrading plant capital**, (PlantUp)** (4.000.000). **National-RI-MIS-5002550-**«The national research infrastructures on integrated structural biology, drug screening efforts and drug target functional characterization (**Inspired)** (4.000.000) Delegate of Greece in the following **COST** actions **TD905** Epigenetic from bench to bedside, **CM1406** Epigenetic Chemical Biology (**EpiChemBio**), **CA15135** Multi-target paradigm for innovative ligand identification in the drug discovery process (**MuTaLig**)

Administrative Chair of the Pharmacy Department Internal Evaluation Committee 2010-2016
Reviewer in International Scientific Journals: *J.Am.Chem.Soc., J.Med.Chem., J.Agr.Food.Chem., J.Org. Chem., Lett.Pept.Sc., Magn.Res.Chem., Anal.Chim.Acta, Peptides*
Expert Evaluator for: GSRT, Res. Prom Foun. (RPF) Cyprus, Danish Council, Ind. Res. Poland
Scientific Societies: Hellenic Society of Medicinal Chemistry (*President*), American Chemical Society, Association of Greek Chemists, International Society of Magnetic Resonance
Collaborations Prof. S. Knapp (Goethe Univ.), Dr. P. Filippakopoulos (SGC, Univ. of Oxford), Prof B. Byrne (Univ. of Cambridge), Dr. M. Spraul and Dr H. Schäfer, (Bruker GmBH), Dr A. Ganesan (Univ. East Anglia), Prof. J. Rollinger, T. Langer (Univ. of Vienna), Dr L. Meijer (ManRos Therapeutics), Dr. N. Martinet (Univ. Nice), Dr. W. Sherman, Prof. S.B. Engelsen (Univ. of Copenhagen), Prof. J. Koca and R. Marek (Masaryk Univ. of Brno), Prof. M. Hamburger (Univ. Basel), Prof. Diallinas, Gorgoulis, Tzioufas, Iliodromitis and Theocharis (Univ. Athens), Dr. Alexis (Nat.Hell.Res.Found.), Prof. Mougios and Theodoridis (Univ. of Thessaloniki), Dr. Pelecanou (Demokritos Res Ctr), Prof. Tsikaris, A. Tselepis, E. Frilingos (Univ. Ioannina).
Conference organization
EFMC-ASMC 2019 Athens, September 2019, co-chair
30th International Symposium on the chemistry of Natural products November 2018, Athens, Co-chair
22nd EuroQSAR 2018 Symposium, Thessaloniki, September 2018, Organising Committee
17th Hellenic Symposium on Med Chem, Thessaloniki, June 2017, (Chair)
10th Joint Meeting on Medicinal Chemistry, June 2017 Dubrovnic Croatia Organising Committee
Workshop on Natural Products and Neurodegenerative Diseases June, Athens 2015 (Co-Chair)
COST Conference Epigenetics from Bench to Bedside Athens, May 2014, Organising Committee
13th EUROMAR Crete 2013, Organising Committee
Holistic Analytical Technologies for Biomedical Food and Plant Sciences, 2012, Athens, Greece, Chair
18th EuroQSAR, Rhodes, Greece, 2010 Organising Committee
7th Joint Meeting of AFERP, ASP, GA, PSE &SIF Athens 2008 Organising Committee
15th Hellenic Symposium on Medicinal Chemistry Athens Greece 2012
13th Hellenic Symposium on Medicinal Chemistry Athens Greece 2008

Invited Speaker-Presentations (*28 International, 21 National***)**

International

- 12th AIMECS, Istanbul, September 2019
- 26th Young Research Fellows Meeting, Paris, February 2019
- EpiChemBio COST Meeting, Salerno, March 2019
- 5th International Conference on Computation for Science and Technology, Antalya, September 2018
- 9th Edition of International Conference on Analytical Chemistry, Vienna, March 2018
- Institute of Applied Synthetic Chemistry TU Wien, December 2017
- Pharma & Food series lecture series University of Vienna, Vienna, March 2017
- From gene to Phenotype, advances in molecular biology and biomedicine, Warsaw, March 2017
- 29th International Symposium on the Chemistry of Natural Products and the 9th International Conference on Biodiversity (ISCNP-29 & ICOB-9), Izmir, September 2016
- Cosmetopea and Sustainable Cosmetics, LE STUDIUM Summer School Orléans, June 2016
- 7th Pharmacy Congress, Nicosia, May 2015
- The 16th Central European NMR Symposium, Zagreb, October 2014
- Trends in Drug Research, 32nd Cyprus Noordwjikerhout Camaerino Symposium Limassol, May 2014
- Institut de Chimie de Nice, December 2013
- INRIA Sofia-Antipolis December 2013
- Imperial College, October 2013
- International Workshop on LiSIs, Nicosia, Cyprus, June 2013
- Personalised Medicine Better health care for the future, COST conference Larnaka, Cyprus, June 2012
- Olitec Workshop, Frankfurt November 2012
- 12th Eurasia Conference on Chemical Sciences, April 2012, Corfu, Greece
- VII Joint Meeting on Medicinal Chemistry 2011 Catania Italy
- 4emes Journées Internationales de l'AFERP, July 2010, Besançon, France
- Metabonomics- A new tool for exploring biocomplexity October, 2008. Valencia, Spain
- 6th Euro Fed Lipid Congress Athens September 2008
- Indirubins the red shade of indigo April 2006 Les Eyzies, France
- 5th Pharmacy Congress, Nicosia, Cyprus November, 2006
- XXII International Conference on Polyphenols, Helsinki, August 2004 Plenary Lecture
- Deuxièmes Journées Internationales de l'AFERP, Septembre 2002, Athènes, Grèce

National

- Mini Symposium "Computational methods in drug and materials design" BRFAA Athens June 2019
- School of Medicine Univ of Athens, March 2019
- Chemical Biology of Disease, Herakleion Crete, September 2017
- Hellenic Cardiological Society, Thessaliniki, February 2017
- Biostruct-X Athens workshop, February 2016
- 6th Symposium Hellenic Society of Atherosclerosis, Athens, December 2015
- Metabolomics Series GR Workshop III Patras, September 2014
- Metrologia 2014, Athens Greece
- 2nd Conference on Pharmaceutical Sciences, Patras, September 2014
- NMR basics & Applications in Life Sciences, Patras, Greece, May 2013
- School of Medicine Univ of Athens, February 2013
- Biology Dept University of Thessaly March 2013
- 6th International Conference of the Hellenic Crystallographic Assoc. Athens, Greece, September 2012
- CancerNet, Univ. Patras, Greece, May 2012
- ARCADE Workshop, May 2012, Athens Greece
- Structure– & Computer– Aided Design Workshop: Bioactive Molecules & Materials" November 2011 Athens
- National Hellenic Research Foundation Institute of Organic and Pharmaceutical Chemistry, June 2011
- Recent Advances in Clinical Pharmacology, July 2010, Poros, Greece
- Chemistry Department University of Athens, October 2010
- 1st International Workshop on Holistic Analytical Technologies for Systems Biology Studies Thessaloniki October 2008
- 11th Hellenic Symposium on Medicinal Chemistry, Patras, January, 2004

Bibliometrics: *Publications:* 136, *Citations*: 3700, *h*-index : 31 (*scholar*)
(https://scholar.google.gr/citations?hl=el&user=Q1fqO9oAAAAJ)
Patent No 08161646.8-2101 "3',6-substituted indirubins and their biological applications"

Publications

1. Interactions of water-soluble zinc porphyrin with amino-acids;
Mikros, E; Gaudemer, A; Pasternack, R;
Inorg. Chim. Acta; (1988); 153; 199-200
http://dx.doi.org/10.1016/S0020-1693(00)88867-2
2. Structural studies of metalloporphyrins .Part XI. Complexes of water-soluble zinc(II) porphyrins with amino-acids - influence of ligand-ligand interactions on the stability of the complexes;
Vercherebeaur, C; Mikros, E; Perree-Fauvet, M; Gaudemer, A;
J. Inorg. Biochem.; (1990); 40; 127-139
http://dx.doi.org/10.1016/0162-0134(90)80046-Z
3. Structural studies of metalloporphyrins .10. Complexes of water-soluble cobalt(III) porphyrins with amino-acids. NMR study of the conformation of the complexes with cobalt(III) tetrakis[4-(N-methylpyridiniumyl)]porphine (CoTMPyP) and cobalt(III) tetrakis(4-carboxylatophenyl)porphine (CoTCPP);
Mikros, E; Gaudemer, F; Gaudemer, A;
Inorg. Chem.; (1991); 30; 1806-1815
http://dx.doi.org/10.1021/ic00008a024
4. Thermal dimerization of noracronycine;
Baudouin, G; Mitaku, S; Mikros, E; Skaltsounis, Al; Tillequin, F;
Heterocycles; (1992); 34; 1691-1696
http://dx.doi.org/10.3987/COM-92-6077
5. Quantitative treatment of the rotational-dynamics of flexible-chain molecules - c-13 nmr relaxation study of hydrocarbon chains attached to the fluorene anchor;
Pissas, D; Dais, P; Mikros, E;
Magn. Reson. Chem.; (1994); 32; 263-275
http://dx.doi.org/10.1002/mrc.1260320503
6. H-1 and C-13 NMR spectral assignments of some phenothiazine-derivatives;
Pelecanou, M; Mikros, E; Catsoulacos, P;
Magn. Reson. Chem.; (1994; 32; 178-180
http://dx.doi.org/10.1002/mrc.1260320307
7. H-1 NMR spectroscopic elucidation of stereochemical effects of substituted cerium porphyrin double-deckers;
Davoras, E; Spyroulias, G; Mikros, E; Coutsoleolos, A;
Inorg. Chem.; (1994); 33; 3430-3434
http://dx.doi.org/10.1021/ic00093a037
8. Computer-simulation of histo-blood group oligosaccharides - energy maps of all constituting disaccharides and potential-energy surfaces of 14 ABH and Lewis carbohydrate antigens;
Imberty, A; Mikros, E; Koca, J; Mollicone, R; Oriol, R; Perez, S;
Glycoconjugate J.; (1995); 12; 331-349
http://dx.doi.org/10.1007/BF00731336
9. Synthesis and characterization of homo- and heteroporphyrin dimers involving a rhodium-indium bond;
Coutsolelos, AG; Lux, D; Mikros, E;
Polyhedron; (1996); 15; 705-715
http://dx.doi.org/10.1016/0277-5387(95)00256-R
10. Conformational analysis of asperlin by NMR spectroscopy and molecular modeling;
Mikros, E; Dais, P; Sauriol, F;
Carbohydr. Res.; (1996); 294; 1-13
http://linkinghub.elsevier.com/retrieve/pii/S000862159600201 7
11. How do antibodies and lectins recognize histo-blood group antigens? A 3D-QSAR study by comparative molecular field analysis (CoMFA);
Imberty, A; Mollicone, R; Mikros, E; Carrupt, PA; Perez, S; Oriol, R;
Bioorg. Med. Chem.; (1996); 4; 1979-1988
http://dx.doi.org/10.1016/S0968-0896(96)00179-4
12. Conformational analysis of a complex between Dolichos biflorus lectin and the Forssman pentasaccharide using transferred NOE build-up curves;
Rinnbauer, M; Mikros, E; Peters, T;
J. Carbohydr. Chem.; (1998); 17; 217-230
http://dx.doi.org/10.1080/07328309808002323
13. Stereodynamics of ring and nitrogen inversion in spiroheterocycles. Conformational analysis of N-methylspiro[morpholine-3,2 '-adamantane] and N-methylspiro[piperidine-2,2 '-adamantane] using NMR spectroscopy

and theoretical calculations;
Kolocouris, A; Mikros, E; Kolocouris, N;
J. Chem. Soc.-Perkin Trans. 2; (1998); 1701-1708
http://dx.doi.org/10.1039/A705868C
14. Stereochemical effects in some acronycine derivatives;
Mikros, E; Mitaku, S; Skaltsounis, AL; Libot, F; Tillequin, F; Koch, M;
Magn. Reson. Chem.; (1999); 37; 498-506
http://dx.doi.org/10.1002/(SICI)1097-458X(199907)37:7<498::AID-MRC490>3.0.CO;2-P
15. Megistosarcimine and megistosarconine, two alkaloids from Sarcomelicope megistophylla;
Fokialakis, N; Mitaku, S; Mikros, E; Skaltsounis, AL; Tillequin, F; Sevenet, T;
Phytochemistry; (1999); 52; 1745-1748
http://dx.doi.org/10.1016/S0031-9422(99)00323-4
16. Conformational analysis of C-disaccharides using molecular mechanics calculations.;
Mikros, E; Labrinidis, G; Perez, S;
J. Carbohydr. Chem.; (2000); 19; 1319-1349
http://dx.doi.org/10.1080/07328300008544154
17. Prevezols A and B: new brominated diterpenes from the red alga Laurencia obtusa;
Mihopoulos, N; Vagias, C; Mikros, E; Scoullos, M; Roussis, V;
Tetrahedron Lett.; (2001); 42; 3749-3752
http://dx.doi.org/10.1016/S0040-4039(01)00538-X
18. Conformational analysis of poly(N-vinylcarbazole) by NMR spectroscopy and molecular modeling;
Karali, A; Dais, P; Mikros, E; Heatley, F;
Macromolecules; (2001); 34; 5547-5554
http://dx.doi.org/10.1021/ma010117n
19. High-resolution NMR spectroscopy of the beta-amyloid(1-28) fibril typical for Alzheimer's disease;
Mikros, E; Benaki, D; Humpfer, E; Spraul, M; Loukas, S; Stassinopoulou, CI; Pelecanou, M;
Angew. Chem.-Int. Edit.; (2001); 40; 3603-3605
http://dx.doi.org/10.1002/1521-3773(20011001)
20. Synthesis, cytotoxic activity, NMR study and stereochemical effects of some new pyrano[3,2-b]thioxanthen-6-ones and pyrano[2,3-c]thioxanthen-7-ones;
Kostakis, IK; Pouli, N; Marakos, P; Mikros, E; Skaltsounis, AL; Leonce, S; Atassi, G; Renard, P;
Bioorg. Med. Chem.; (2001); 9; 2793-2802
http://dx.doi.org/10.1016/S0968-0896(01)00130-4
21. Conformational analysis of the nonapeptide leuprorelin using NMR and molecular modeling;
Benaki, DC; Paxinou, E; Magafa, V; Pairas, GN; Manessi-Zoupa, E; Cordopatis, PA; Mikros, E;
Lett. Pept. Sci.; (2001); 8; 77-87
http://dx.doi.org/10.1023/A:1015036903464
22. The Ac-RGD-NH2 peptide as a probe of slow conformational exchange of short linear peptides in DMSO;
Biris, N; Stavrakoudis, A; Politou, AS; Mikros, E; Sakarellos-Daitsiotis, M; Sakarellos, C; Tsikaris, V;
Biopolymers; (2003); 69; 72-86
http://dx.doi.org/10.1002/bip.10335
23. Structural characteristics of some mercaptoacetic acid hydrazides;
Marakos, P; Pouli, N; Papakonstantinou-Garoufalias, S; Mikros, E;
J. Mol. Struct.; (2003); 650; 213-221
http://dx.doi.org/10.1016/S0022-2860(03)00158-3
24. Interactions of a series of novel spiropyranocoumarin derivatives with reactive oxygen species;
Panteleon, V; Marakos, P; Pouli, N; Mikros, E; Andreadou, L;
J. Pharm. Pharmacol.; (2003); 55; 1029-1039
http://dx.doi.org/10.1211/0022357021512
25. Synthesis, conformational analysis and free radical scavenging activity of some new spiropyranoquinolinones.
Panteleon, V; Marakos, P; Pouli, N; Mikros, E; Andreadou, I;
Chem Pharm. Bull. (2003); 51; 522-529
http://dx.doi.org/10.1002/(SICI)1097-458X(199907)37:7<498::AID-MRC490>3.0.CO;2-P
26. Losartan's molecular basis of interaction with membranes and AT(1) receptor;
Zoumpoulakis, P; Daliani, I; Zervou, M; Kyrikou, I; Siapi, E; Lamprinidis, G; Mikros, E; Mavromoustakos, T;
Chem. Phys. Lipids; (2003); 125; 13-25
http://dx.doi.org/10.1016/S0009-3084(03)00053-7
27. Conformational analysis of C-trehaloses using molecular mechanics calculations;
Mikros, E; Labrinidis, G; Perez, S;
J. Carbohydr. Chem.; (2003); 22; 407-421
http://dx.doi.org/10.1081/CAR-120025327

28. Stereoselective intramolecular azide 1,3-dipolar cycloaddition;
Markidis, T; Mikros, E; Kokotos, G;
Heterocycles; (2003); 60; 2637-2644
http://dx.doi.org/10.3987/COM-03-9868
29. Structural basis for the synthesis of indirubins as potent and selective inhibitors of glycogen synthase kinase-3 and cyclin-dependent kinases;
Polychronopoulos, P; Magiatis, P; Skaltsounis, AL; Myrianthopoulos, V; Mikros, E; Tarricone, A; Musacchio, A; Roe, SM; Pearl, L; Leost, M; Greengard, P; Meijer, L;
J. Med. Chem.; (2004); 47; 935-946
http://dx.doi.org/10.1021/jm031016d
30. A new class of phytoestrogens: Evaluation of the estrogenic activity of deoxybenzoins;
Fokialakis, N; Lambrinidis, G; Mitsiou, DJ; Aligiannis, N; Mitakou, S; Skaltsounis, AL; Pratsinis, H; Mikros, E; Alexis, MN;
Chem. Biol.; (2004); 11; 397-406
http://dx.doi.org/10.1016/j.chembiol.2004.02.014
31. Application of nuclear magnetic resonance spectroscopy combined with principal component analysis in detecting inborn errors of metabolism using blood spots: a metabonomic approach;
Constantinou, MA; Papakonstantinou, E; Benaki, D; Spraul, M; Shulpis, K; Koupparis, MA; Mikros, E;
Anal. Chim. Acta; (2004); 511; 303-312
http://dx.doi.org/10.1016/j.aca.2004.02.012
32. Conformational analysis of peptide analogues of Silkmoth chorion protein segments using CD, NMR and molecular modelling;
Benaki, DC; Mikros, E; Hamodrakas, SJ;
J. Pept. Sci.; (2004); 10; 381-392
http://dx.doi.org/10.1002/psc.540
33. Melatonin does not prevent the protection of ischemic preconditioning in vivo despite its antioxidant effect against oxidative stress;
Andreadou, I; Iliodromitis, EK; Mikros, E; Bofilis, E; Zoga, A; Constantinou, M; Tsantili-Kakoulidou, A; Kremastinos, DT;
Free Radic. Biol. Med.; (2004); 37; 500-510
http://dx.doi.org/10.1016/j.freerbiomed.2004.05.005
34. Structural study by NMR of an oxorhenium-RGD decapeptide complex for application in radiotherapy;
Costopoulos, B; Benaki, D; Pelecanou, M; Mikros, E; Stassinopoulou, CI; Varvarigou, AD; Archimandritis, SC;
Inorg. Chem.; (2004); 43; 5598-5602
http://dx.doi.org/10.1021/ic049519c
35. Solution structure of humanin, a peptide against Alzheimer's disease-related neurotoxicity;
Benaki, D; Zikos, C; Evangelou, A; Livaniou, E; Vlassi, M; Mikros, E; Pelecanou, M;
Biochem. Biophys. Res. Commun.; (2005); 329; 152-160
http://dx.doi.org/10.1016/j.bbrc.2005.01.100
36. H-1 NMR-based metabonomics for the diagnosis of inborn errors of metabolism in urine;
Constantinou, MA; Papakonstantinou, E; Spraul, M; Sevastiadou, S; Costalos, C; Koupparis, MA; Shulpis, K; Tsantili-Kakoulidou, A; Mikros, E;
Anal. Chim. Acta; (2005); 542; 169-177
http://dx.doi.org/10.1016/j.aca.2005.03.059
37. Conformational analysis of ochratoxin a by NMR spectroscopy and computational molecular modeling;
Dais, P; Stefanaki, I; Fragaki, G; Mikros, E;
J. Phys. Chem. B; (2005); 109; 16926-16936
http://dx.doi.org/10.1021/jp0580035e
38. 1-Ethyl-1H-3-nitrobenzopyrano[4,3,2-cd]isoindole: a novel heterocyclic ring system bearing an unusually labile deuterium-exchangeable aromatic proton;
Hadjipavlou, C; Kostakis, IK; Pouli, N; Marakos, P; Mikros, E;
Tetrahedron Lett.; (2006); 47; 3681-3684
http://dx.doi.org/10.1016/j.tetlet.2006.03.010
39. Estrogenic activity of isoflavonoids from Onobrychis ebenoides;
Halabalaki, M; Alexi, X; Aligiannis, N; Lambrinidis, G; Pratsinis, H; Florentin, I; Mitakou, S; Mikros, E; Skaltsounis, AL; Alexis, MN;
Planta Med.; (2006); 72; 488-493
http://dx.doi.org/10.1055/s-2005-916261
40. The olive constituent oleuropein exhibits anti-ischemic, antioxidative, and hypolipidemic effects in anesthetized rabbits;
Andreadou, I; Iliodromitis, EK; Mikros, E; Constantinou, M; Agalias, A; Magiatis, P; Skaltsounis, AL; Kamber, E; Tsantili-Kakoulidou, A; Kremastinos, DT;

J. Nutr.; (2006); 136; 2213-2219
http://jn.nutrition.org/cgi/content/full/136/8/2213
41. The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review;
Lambrinidis, G; Halabalaki, M; Katsanou, ES; Skaltsounis, AL; Alexis, MN; Mikros, E;
Environ. Chem. Lett.; (2006); 4; 159-174
http://dx.doi.org/10.1007/s10311-006-0065-y
42. Solution structure of Ser14Gly-humanin, a potent rescue factor against neuronal cell death in Alzheimer's disease;
Benaki, D; Zikos, C; Evangelou, A; Livaniou, E; Vlassi, M; Mikros, E; Pelecanou, M;
Biochem. Biophys. Res. Commun.; (2006); 349; 634-642
http://dx.doi.org/10.1016/j.bbrc.2006.08.087
43. Synthesis and tautomerism study of 7-substituted pyrazolo[3,4-c]pyridines;
Kourafalos, VN; Marakos, P; Mikros, E; Pouli, N; Marek, J; Marek, R
Tetrahedron; (2006); 62; 11987-11993
http://dx.doi.org/10.1016/j.tet.2006.09.081
44. Application of metabonomics on an experimental model of fibrosis and cirrhosis induced by thioacetamide in rats;
Constantinou, MA; Theocharis, SE; Mikros, E;
Toxicol. Appl. Pharmacol.; (2007); 218; 11-19
http://dx.doi.org/10.1016/j.taap.2006.10.007
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