

PERSONAL INFORMATION

Address	Dr. Dimitrios Alivertis University of Ioannina, Dept of Biological Applications & Technologies, Ioannina, GR- 45110, Greece +30-265-100-9058 (Office) aliverti@uoi.gr
Telephones	
e-mail	

Research Interests

Design and synthesis of organic compounds and supramolecular moieties
Isolation of organic compounds-natural products from plants
Physicochemical study of properties and bioactivity of the above

Education and training

2008	PhD in Organic Chemistry "Supramolecular Chemistry: synthesis, characterization, properties and applications of dendrimers" (<i>Supervisor: Professor Konstantinos Skobridis</i>) Excellent
2005	MSc in "Chemical & Biochemical Technologies" in specialty of "Chemistry in new materials – Polmers" University of Ioannina, Department of Chemistry, GR-45110, Ioannina, Greece (<i>Supervisor: Professor Konstantinos Skobridis</i>) Excellent
2001	Bachelor of Science in "Chemistry" University of Ioannina, Department of Chemistry, GR-45110, Ioannina, Greece Very Good

Work Experience

2019-today	Assistant Professor Organic Chemistry and Physicochemical Applications of Bioactive Supermolecular Compounds <i>Dept of Biological Applications & Technology School Of Health Sciences, University of Ioannina</i>
2015-2017	Teaching & Research Fellow in Organic Chemistry University of Ioannina, Department of Biological Applications and Technologies, GR-45110, Ioannina, Greece Academic - Research
2014-2015	Associate Professor in Organic Chemistry University of Ioannina, Department of Biological Applications and Technologies, GR-45110, Ioannina, Greece Academic - Research
2008-2013	Lecturer in Organic & Physical Chemistry University of Ioannina, Department of Biological Applications and Technologies, GR-45110, Ioannina, Greece Academic - Research
2009-2011	Assistant Professor in Organic & Physical Chemistry University of Ioannina, Department of Biological Applications and Technologies, GR-45110, Ioannina, Greece Academic - Research

Personal skills and competences

Honors	
2002	Scholarship in postgraduate studies of the Department of Chemistry in the University of Ioannina
2004	Scholarship from the Greek "State Scholarship Foundation" (IKY) for the excellence in studies (1st Rank)
Areas of Interest	Synthetic Organic Chemistry, Supramolecular Chemistry, Medicinal Chemistry
Courses	Organic Chemistry I, Organic Chemistry II, Basic Organic Chemistry, Organic Chemistry of Biomolecule, Physical Chemistry of Biological Systems, Analytical Chemistry – Instrumental Analysis, Chemistry Lab I, Chemistry Lab II
Professional Association Membership	Member of the Association of Greek Chemists (EEX)
Technical skills and competences	Competent with most ESI-MS, GC-MS, LC-MS and NMR instruments

Publications List

- [1] Weber, E.; Seichter, W.; Skobridis, K.; Alivertis, D.; Theodorou, V.; Bombicz, P.; Csöreg, I.
"Silicon Analogues of Triarylmethanol Hosts. Inclusion Properties and Host-guest Structures – A Comparative Study"
Journal of Inclusion Phenomena and Macrocyclic Chemistry, **2006**, *55*, 131-149
- [2] Alivertis, D.; Theodorou, V.; Paraskevopoulos, G.; Skobridis, K.
"Searching for new host compounds: synthesis and characterization of novel crown ether-functionalized dendrimers"
Tetrahedron Letters, **2007**, *48*, 4091-4095
- [3] Skobridis, K.; Theodorou, V.; Alivertis, D.; Seichter, W.; Weber, E.; Csöreg, I.
"Crystalline Complexes of 2,2'-Bis(9-hydroxy-9-fluorenyl)biphenyl Host with Oligofunctional and Conjugate Functional Group Guests"
Supramolecular Chemistry, **2007**, *19*, 373-382
- [4] Alivertis, D.; Theodorou, V.; Paraskevopoulos, G.; Skobridis, K.
"Dendritic effects of crown ether-functionalized dendrimers on the solvent extraction of metal ions"
Tetrahedron Letters, **2009**, *50*, 6019-6021
- [5] Theodorou, V.; Skobridis, K.; Alivertis, D.; Gerothanasis I.
"Synthetic methodologies in organic chemistry involving incorporation of [¹⁷O] and [¹⁸O] isotopes"
Journal of Labelled Compounds and Radiopharmaceuticals, **2014**, *57*, Issue 8, 481-508
- [6] Paraskevopoulos, G.; Alivertis, D.; Theodorou, V.; Skobridis, K.
"New Calix[4]arene-cored Peripherally Functionalized Dendrimers: Synthesis and Conformational Characteristics"
Helvetica Chimica Acta, **2015**, *98*, 593-603
- [7] Papaemmanouil, C.; Tsiafoulis, C.; Alivertis, D.; Tzamaloukas, O., Miltiadou, D.; Tzakos, A.; Gerothanasis, I.
"Selective One-Dimensional Total Correlation Spectroscopy Nuclear Magnetic Resonance Experiments for a Rapid Identification of Minor Components in the Lipid Fraction of Milk and Dairy Products: Toward Spin Chromatography?"
Journal of Agricultural and Food Chemistry, **2015**, *63*, 5381-5387-November
- [8] Papadopoulou, A.; Tzani, A.; Alivertis, D.; Katsoura, M.; Polydera, A.; Detsi, A.; Stamatis, H.;
"Hydroxyl ammonium ionic liquids as media for biocatalytic oxidations"
Green Chemistry, **2016**, *18*, 1147-1158
- [9] Kinigopoulou, M.; Filippidou, M.; Gogou, M.; Giannousi, A.; Fouka, P.; Ntemou, N.; Alivertis, D.; Georgis, C.; Brentas, A.; Polychronidou, V.; Voulgari, P.; Theodorou, V.; Skobridis, K.
"An optimized approach in the synthesis of imatinib intermediates and analogues"
RSC Advances, **2016**, *6*, 61458-61467

- [10] Touka, A.; Vareli, K.; Igglezou, M.; Monokrousos, N.; Alivertis, D.; Halley, J.; Hadjikakou, H.; Frillingos, E.; Sainis, I.
“Ancient European lakes: reservoirs of hidden microbial diversity? The case of Lake Pamvotis (NW Greece)”
Open Journal of Ecology, **2018**, 8, 537-578
- [11] Karayanni, H.; Macingo, S.; Tolis, V.; Alivertis, D.
“Diversity of Bacteria in Lakes with Different Chlorophyll Content and Investigation of Their Respiratory Activity through a Long-Term Microcosm Experiment”
Water, **2019**, 11, 467
- [12] Tsiafoulis, C.; Papaemmanouil, C.; Alivertis, D.; Tzamaloukas, O.; Miltiadou, D.; Balayssac, S.; Malet-Martino, M.; Gerothanassis, I.
“NMR-Based Metabolomics of the Lipid Fraction of Organic and Conventional Bovine Milk”
Molecules, **2019**, 24, 1067
- [13] Pantazi, D.; Ntemou, N.; Brentas, A.; Alivertis, D.; Skobridis, K.; Tselepis, A.D.;
Molecular Requirements for the Expression of Antiplatelet Effects by Synthetic Structural Optimized Analogues of the Anticancer Drugs Imatinib and Nilotinib
Drug Design, Development and Therapy, **2019**, 13, 4225

Conferences

- 4th Conference of Basic & Applied Chemical Research, University of Ioannina, May 2001. Poster Presented: “Synthesis & Photochemical Behaviour of Dichromophore Organic Conjugates of Aniline & Benzophenone”
- 5th Conference of Basic & Applied Chemical Research, University of Ioannina, May 2001
- 4th International Conference of the Chemical Societies of the South-East European Countries, ICOSECS 4), Beograd, Serbia & Montenegro, July 2004. Poster Presented: “Synthesis of an Europium metallo-dendrimer as nuclease mimic”
- 1st Hellenic Symposium of Organic Synthesis, University of Athens, Greece, November 2004. Poster Presented: “Metallo-polyazadendrimers as Chemical Nucleases”
- 20th National Chemistry Conference, University of Ioannina, September 2005. Oral Presentation: “Design, Synthesis & Characterization Calixarene-dendrimers”
- 2nd Hellenic Symposium of Organic Synthesis, University of Athens, Greece, November 2007. Poster Presented: “Synthesis and Characterization of Novel Crown Ether-Functionalized Dendrimers”
- International Dendrimer Symposium 5 IDS:5, Toulouse, France, August 2007. Poster Presented: “Synthesis and complexing properties of dendrimer containing internal crown ether moieties”
- 4th International Conference “Metals and Related Substances in Drinking Water”, Ioannina, Greece, 21st-23rd October 2009. Poster Presented: “Drinking water quality in a medium sized city of Greece after the local government (Kapodistrias) reform. Strategic approach for representative sampling”
- International Symposium “Sustainable Water and Wastewater Management”, Konya, Turkey 26th-28th October 2010. Poster Presented: “A sustainable solution for the management of table olive processing wastewater”
- “16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region”, Ioannina, Greece, 24th-27th September 2011. Oral Presentation: “Anaerobic digestion of semi-solid canteen wastes and cattle manure: a real life scenario”
- “17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region”, Istanbul, Turkey, 28th September – 1st October 2013. Oral Presentation: “Risk assessment of four uncontrolled landfills in Greece before and after their closure”
- “17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region”, Istanbul, Turkey, 28th September – 1st October 2013. Poster Presented: “Use of third generation ionic solvents as “green” media for biocatalytic processes”
- 36th Scientific Conference of Hellenic Association for Biological Sciences Ioannina, May 8-10, 2014. Oral Presentation: “Structure-activity studies of metalloproteins in green ionic solvents”
- “3rd International Congress on Applied Ichthyology & Aquatic Environment “HydroMedit” Volos Greece, “Response of bacterial respiration to temperature increase nutrient enriched lakes”

Research & Educational Projects

Dates	January 2004 – December 2004:
Title of Project	“Redevelopment of under-graduated program of studies of University of Ioannina”
Name of organisation	Department of Biological Applications & Technologies” Research Committee, University of Ioannina
Dates	August 2004 – November 2004, February 2005 – May 2005 & March 2006 – July 2006:
Title of Project	“Dendrimers Containing Macrocyclic Compounds (crown-ethers, calixarenes) as structural units for selective complexation of ions and radicals: Synthesis and applications in chemical catalysis, as chemical sensors and as radical receptors”
Name of organisation	Ministry of Education, Greece
Dates	July 2006 – September 2006 & January 2008 – February 2008:
Title of Project	“A sustainable solution for the pig manure treatment environmental compliance with the integrated pollution and control directive (PIGMAN)”
Name of organisation	Commission of European Communities FP6-SME (COOP-CT-20)/ General Secretariat of Research and Technologies, Greece (017641-PIG)
Dates	May 2006 – June 2006 & September 2007
Title of Project	“Topochemical directed reactions of inclusion compounds”
Name of organisation	IKYDA 2006 – 2007 Programm für projektbezogenen Personenaustausch” / I.K.Y. Greece and DAAD Germany
Dates	April 2008– May 2008:
Title of Project	“Municipal Enterprise of Water Supply Lamia Drinking water quality”
Name of organisation	Municipality of Lamia
Dates	October 2007 – December 2007 & April 2008 – September 2008
Title of Project	“International center of standardization and commercialization of traditional products of the region Epirus-South Italy”
Name of organisation	INTERREG IIIA Greece-Italy, European Regional Development Fund (I2202002)
Dates	November 2009 – December 2009
Title of Project	“Preparation & revision of technical assessments for the remediation of 21 landfill sites within the prefectures of Arta & Preveza”
Name of organisation	Thiseas – Region of Epirus (Thiseas, NSRF 2007-2013)
Dates	February 2010 – June 2010
Title of Project	“Preparation & revision of technical assessments for the remediation of 28 landfill sites within the prefectures of Ioannina & Thesprotia”
Name of organisation	Region of Epirus (Thiseas, NSRF 2007-2013)
Dates	October 2012 – April 2013
Title of Project	“Indoor air pollution and health risks of modern office buildings (OFFICAR)”
Name of organisation	European Union, 7 th Framework Program under the Theme: ENV.2010.1.2.2-1
Dates	March 2014 – June 2013
Title of Project	“Improving lipids in sheep's milk and haloumi for healthier local products”
Name of organisation	University of Cyprus
Dates	June 2014 – December 2015
Title of Project	“BRAMA”
Name of organisation	ENPI