

PERSONAL INFORMATION

Emmanuel MIKROS

HOME ADDRESS

 Mesologgiou 2, 15341, AgParaskevi, GREECE

 +30 210 6511459

WORK ADDRESS

 mikros@pharm.uoa.gr

 +30 210 7274813

School of Health Sciences, Department of Pharmacy, Division of Pharmaceutical Chemistry
Panepistimiopolis, Zografou, 157 71, Athens, Greece

Sex Male | Date of birth 11/01/1961 | Nationality Greek

JOB APPLIED FOR
POSITION

CIVIS JOINT MASTER NAT4DD

WORK EXPERIENCE

Current Positions

2010 - today

Professor

Division of Pharmaceutical Chemistry, Department of Pharmacy, National Kapodistrian University of Athens, Greece

2022 - today

Chair of the Division of Pharmaceutical Chemistry

Department of Pharmacy, National Kapodistrian University of Athens, Greece

2017 – today

Adjunct Member

ATHENA Research & Innovation Center

Previous Positions

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, Department of Pharmacy National Kapodistrian University of Athens

1996-1996

Research Fellow, DAAD fellowship Germany

(6 months)

Institut für Chemie Medizinische Universität zu Lübeck, Germany

1995 -2003

Assistant Professor,

Pharmaceutical Chemistry Division, Department of Pharmacy National Kapodistrian University of Athens

1994-1994

Research Fellow, Marie Curie EU fellowship

(3 months)

Ingénierie Moléculaire, INRA, Centre de Recherches de Nantes

1993-1993

Research Fellow, Fellowship from Centre international des étudiants et stagiaires France

(3 months)

Ingénierie Moléculaire, INRA, Centre de Recherches de Nantes

1991-1995

Lecturer,

Pharmaceutical Chemistry Division, Department of Pharmacy National Kapodistrian University of Athens

1989-1990

Research Fellow (Secondment from Greek Army)

Pharmaceutical Chemistry Division, Department of Pharmacy National Kapodistrian University of Athens.

1988-1989

Chemist (Military Service),

Chemistry Lab. Hellenic Air Force Research Center. Athens.

EDUCATION AND TRAINING

1988: Docteur en Sciences, Chimie Organique, Université PARIS XI, Orsay, France

1984: Diplôme d'Études Approfondies, (DEA) Chimie Organique, Université PARIS XI, Orsay, France

1983: Diploma in Chemistry, National Kapodistrian University of Athens, Greece

PERSONAL SKILLS

mother tongue

Greek

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1/C2	C1/C2	C1/C2	C1/C2	C1/C2

French

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

Communication skills

Extensive experience in scientific communication through lectures, invited talks, and conference presentations
Ability to communicate complex scientific concepts clearly to interdisciplinary audiences
Academic writing and publication in peer-reviewed international journals
Experience in supervising and mentoring students at undergraduate and postgraduate levels
Effective communication in international research collaborations

Organisational / managerial skills

1994-2023

Committees:

Member of the Pharmacy Department Committee for the ERASMUS and CIVIS student mobility. Supervising the bilateral agreements with University of Rome, University of Salerno, University of Marseille, University of Tübingen, University Barcelona, University of Frankfurt. More than 50 students have prepared their Diploma thesis in different European Universities through ERASMUS mobility.

2000 - 2016

Member of the Pharmacy Department Internal Evaluation Committee (Chair 2010-2016)

2015 - 2023

Member of the Technical Council of the National and Kapodistrian University of Athens

2024 - today

Member of International Relationship Committee of the National and Kapodistrian University of Athens

2024 - today

Member of the Supervisory Board of the National and Kapodistrian University of Athens Student Residence

2015 - today

President of Hellenic Society of Medicinal Chemistry,

2015 – today

Member of the Council of the European Federation for Medicinal Chemistry and Chemical Biology (EFMC)

2021 - 2022

Member of the Board of the European Paediatric Translational Research Infrastructure (EPTRI)

2021 - today

Associate Editor in Frontiers in Molecular Biosciences, section Metabolomics IF=4.8

2016 – 2020

Member of the Management Committee, COST Action CA15135 Multi-target paradigm for innovative ligand identification in the drug discovery process (MuTaLig)

2015 – 2019

Member of the Management Committee, COST Action CM1406 Epigenetic Chemical Biology (EpiChemBio)

2010 – 2014

Member of the Management Committee, COST action -TD0905 Epigenetics: Bench to bedside.

2023 – today

Member of the "Biochemistry and Chemistry of the living World" committee, Agence Nationale de Recherche (France)

2008 - today

Independent External Expert-Project evaluator: COST EU, GSRT Greece, Research and Innovation Foundation Cyprus, Polish National Centre for Research and Development, Czech Science Foundation, The Danish Council for Independent Research, Research Foundation – Flanders, Direzione Generale della Ricerca Italy

CONFERENCE ORGANIZATION

In total Chair/Member of the Organizing Committee in 17 International and National conferences workshops, summer schools

Digital competence

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Basic user	Basic user

- Advanced literature searching, data analysis, handling spectroscopic data (NMR, Molecular Modeling), managing scientific datasets, reference managers.
- Online teaching tools, conference organization, collaborative research platforms, manuscript submission systems.
- Scientific writing, complex PowerPoint slides, figures, use of specialized software (spectroscopy processing, modeling tools).
- good awareness of data handling and institutional security
- Regular adaptation to new scientific software, troubleshooting research tools, implementing new methodologies
- Software Office, Simca, Topspin, SPSS, Schrodinger Suite, Chimera

Other skills

Quantitative scientific data analysis
Interdisciplinary research integration
Critical assessment of complex scientific information
Adaptability to emerging research methodologies
International academic exposure

Driving licence

ADDITIONAL INFORMATION

	Teaching
	UNDERGRADUATE COURSES (total 128h/year) 2004 - today Inorganic Chemistry II, 1st year Pharmacy Students (compulsory) 1992 - today Organic Spectroscopy 2nd year Pharmacy Students 2015 - today Drug Design, 4th year Pharmacy Students 1989 - today Pharmaceutical Analysis Laboratory training 4th year Pharmacy students. 2010 – 2020 Pharmaceutical Chemistry Laboratory training 3rd year Pharmacy Students (compulsory)
	POSTGRADUATE COURSES (total 62 h/year) 2010-today Advanced Pharmaceutical Chemistry I, Master's Program in Drug Design and Development 1994-today Spectroscopic Methods I Master's Program in Drug Design and Development Master's Program in Pharmaceutical Analysis-Quality Control 1994-today Spectroscopic Methods II (Special Topics in NMR Spectroscopy)
	INTERNATIONAL (10h/year) 2022-today Drug design and discovery Blended Intensive Programme (10 h/year) CIVIS A European University 2018 Invited Professor Drug Targets Hit Discovery and case studies, spring semester academic year 2017-2018 Master's Program in Drug Discovery and Development Department of Pharmacognosy, University of Vienna 2017 Invited Professor Advanced NMR Spectroscopy and NMR based Metabolomics spring semester academic year 2016-2017 Department of Pharmacognosy, University of Vienna 2017-2025 Participation in the Summer School "From Structural Biology to Drug Discovery" organizing one day of practical exercises on NMR and Computer Aided Drug Design in the premises of Dept. of Pharmacy NKUA. The Summer School is organized in Anavyssos Greece every year by the Biology Dept. NKUA (Prof. Vorgias and University of Ulm (Prof. Dr. Uwe Knippschild).
	OTHER POSTGRADUATE PROGRAMS (total 15h/year) 2005 – today Interdepartmental (Dept. of Biology and Dept. of Chemistry NKUA) Modern Biochemical and Biophysical Methods of Analysis (participation for NMR spectroscopy) Master's Program in Clinical Biochemistry – Molecular Diagnostics 2005 – today Department of Chemistry NKUA Advanced Analytical Chemistry (participation for NMR spectroscopy) Master's Program in Analytical Chemistry-Quality Assurance 2018 – today Department of Biology NKUA Molecular Recognition – Molecular Diseases – Drug Design Master's Program in Bioinformatics-Computational Biology, 2020-today Medical School NKUA Methodologies and techniques in cancer research (Participation for Metabolomics) Master's Program in Neoplastic Disease in Humans 2023-today Basic Biology Principles in Pharmacology (Participation for Metabolomics) Master's Program in Development of New Drugs 2019-today Metabolomics (Participation for NMR based metabolomics) Master's Program in Applied Dietetics-Nutrition Department of Nutrition and Dietetics, School of Health Sciences and Education, Harokopio University, Athens, Greece
	SUPERVISION OF GRADUATE STUDENTS & POSTDOCTORAL FELLOWS In total 5 PostDocs, 12 PhD, more than >50 MSc thesis supervised and 1 sabbatical
	RESEARCH GRANTS 2022-2025 Applications of omics technologies in the analysis of complex mixtures and the discovery of active natural products Hellenic Foundation for Research and Innovation- E-ΔΠ-07-E2.V22 2021-2024 Nuclear Magnetic Resonance Studies of Pharmaceutical Preparations, active substances, excipients and impurities QUALIMETRIX S.A. K.E. 17844 2018-2022 Strengthening Centres of Excellence: Study of the structure and function of transmembrane transporters and metabolomic study of systems Savros Niarchos Foundation K.E. 14319

2017-2021	Synthetic Biology: From omics technologies to genomic engineering (OMIC_ENGINE) National-RI-MIS-5002636
2018-2022	Establishing the molecular fundamentals of arthritic diseases—a step forward to heal Arthritis (ArthritisHeal) H2020-MSCA-ITN-2017
2017-2021	European Paediatric Translational Research Infrastructure (EPTRI) H2020-INFRADEV-01-2017-AMD-777554-6
2018-2022	Innovative Development of Novel Anticancer Drugs for therapeutic Targeting of the Myc Oncoprotein (AKMY) GSRT-Research – Create – Innovate T1EDK-03532
2011-2015	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) NATIONAL ACTION: «COOPERATION» NSRF 2007-2013/12-827
2011-2015	Development and Screening of Novel beta Amyloid Peptide Inhibitors for Alzheimer's Disease (TreatAD) NATIONAL-ACTION: «COOPERATION» NSRF 2007-2013/21-1003:
2017-2021	Upgrading plant capital, (PlantUp) National-RI-MIS-5002803
2017-2021	The national research infrastructures on integrated structural biology, drug screening efforts and drug target functional characterization (Inspired) National-RI-MIS-5002550
2018-2022	Foodomics-GR – Research Infrastructure for the comprehensive molecular characterization of food products National-RI-MIS-5029057
2010-2014	From Biodiversity to Chemodiversity: Novel Plant Produced Compounds with Agrochemical and Cosmetic interest (AgroCos) FP7-KBBE-2009-3-1-04
2011-2015	PIK3CA Oncogenic Mutations in Breast and Colon Cancers: Development of Targeted Anticancer Drugs and Diagnostics, (POM) NATIONAL ACTION: «COOPERATION» NSRF 2007-2013/11-675
2011-2015	Membrane Transport: Structure-Function and Evolutionary Relationships (EVOTRANS) THALIS-Operational Programme Education and Lifelong learning NSRF-European Social Fund/2007-2013/375578
Fellowships-Scholarships	
	• DAAD (Germany) 1996
	• Marie Curie Fellowship (European) 1994
	• CIES (France) 1993
	• Nat. Found. Sch. (IKY Greece) 1985-88

Total number of publications in
peer review journals:
Publications (last 5 years)

Bibliometrics : Publications: 181, Citations: 7060, h-index: 45 (google scholar)

146. Design, synthesis, and biological evaluation of new raloxifene analogues of improved antagonist activity and endometrial safety.
Lambrinidis G, Guedard C, Stasinopoulou S, Angelopoulou A, Ganou V, Meligova AK, Mitsiou DJ, Marakos P, Pouli N, Mikros E, Alexis MN.
Bioorg Chem. 2021 Jan;106:104482.
<https://doi.org/10.1016/j.bioorg.2020.104482>
147. Context-dependent cryptic roles of specific residues in substrate selectivity of the UapA purine transporter.
Kourkoulou A, Zantza I, Foti K, Mikros E, Dailianas G.
J Mol Biol. 2021 Jan 23;166814.
<https://doi.org/10.1016/j.jmb.2021.166814>
148. Aestivation motifs explain hypertension and muscle mass loss in mice with psoriatic skin barrier defect.
Wild J, Jung R, Knopp T, Efentakis P, Benaki D, Grill A, Wegner J, Molitor M, Garlapati V, Rakova N, Markó L, Marton A, Mikros E, Muenzel T, Kossmann S, Rauh M, Nakano D, Kitada K, Luft F, Waisman A, Wenzel P, Titze J, Karbach S.
Acta Physiol (Oxf). 2021 Feb 16:e13628.
<https://doi.org/10.1111/apha.13628>
149. FoodOmicsGR_RI. A Consortium for Comprehensive Molecular Characterisation of Food Products.
Theodoridis G, Pechlivanis A, Thomaidis NS, Spyros A, Georgiou CA, Albanis T, Skoufos I, Kalogiannis S, Tsangaris GT, Stasinakis AS, Konstantinou I, Triantafyllidis A, Gkagkavouzis K, Kritikou AS, Dasenaki ME, Gika H, Virgiliou C, Kodra D, Nenadis N, Sampsonidis I, Arsenos G, Halabalaki M, Mikros E, The FoodOmicsGR Ri Consortium OBO. Metabolites. 2021 Jan 27;11(2):74.
<https://doi.org/10.3390/metabo11020074>
150. Assessment of the Nutraceutical Effects of Oleuropein and the Cytotoxic Effects of Adriamycin, When Administered Alone and in Combination, in MG-63 Human Osteosarcoma Cells.
Gioti K, Papachristodoulou A, Benaki D, Aligiannis N, Skaltsounis AL, Mikros E, Tenta R.
Nutrients. 2021 Jan 25;13(2):354.
<https://doi.org/10.3390/nu13020354>
151. The effect of prolonged intense physical exercise of special forces volunteers on their plasma protein denaturation profile examined by differential scanning calorimetry,
Stamatis Mourtakos, Anastassios Philippou, Anastasios Papageorgiou, Peter Lembessis, Stella Zaharinova, Yozlyam Hasanova, Rumiana Koyanova, Fragiskos Bersimis, Boris Tenchov, Nikolaos Geladas, Emmanuel Mikros, Lampros S. Sidossis, Michael Koutsilieris,

- Journal of Thermal Biology, Volume 96, 2021, 102860, <https://doi.org/10.1016/j.jtherbio.2021.102860>
152. Metabolic phenotyping and cardiovascular disease: an overview of evidence from epidemiological settings. Iliou A, Mikros E, Karaman I, Elliott F, Griffin JL, Tzoulaki I, Elliott P. Heart. 2021 Feb 19;heartjnl-2019-315615. doi: 10.1136/heartjnl-2019-315615.
 153. Novel Aryl-Substituted Pyrimidones as Inhibitors of 3-Mercaptopyruvate Sulfurtransferase with Antiproliferative Efficacy in Colon Cancer. Bantzi M, Augsburger F, Loup J, Berset Y, Vasilakaki S, Myrianthopoulos V, Mikros E, Szabo C, Bochet CG. J Med Chem. 2021 Apr 15. doi: 10.1021/acs.jmedchem.1c00260.
 154. From sample preparation to NMR-based metabolic profiling in food commodities: The case of table olives. Beteinakis S, Papachristodoulou A, Mikros E, Halabalaki M. Phytochem Anal. 2021 Jun 6. doi: 10.1002/pca.3070. Online ahead of print.
 155. Targeted Metabolomics: The LC-MS/MS Based Quantification of the Metabolites Involved in the Methylation Biochemical Pathways. Ntasi G, Tsarbopoulos A, Mikros E, Gikas E. Metabolites. 2021 Jun 24;11(7):416. doi: 10.3390/metabo11070416.
 156. From sample preparation to NMR-based metabolic profiling in food commodities: The case of table olives. Beteinakis S, Papachristodoulou A, Mikros E, Halabalaki M. Phytochem Anal. 2021 Jun 6. doi: 10.1002/pca.3070.
 157. Exploring the metabolomic profile of cerebellum after exposure to acute stress. Iliou A, Vlaikou AM, Nussbaumer M, Benaki D, Mikros E, Gikas E, Filiou MD. Stress. 2021 Sep 23:1-13. doi: 10.1080/10253890.2021.1973997.
 158. Identification of New Specificity Determinants in Bacterial Purine Nucleobase Transporters based on an Ancestral Sequence Reconstruction Approach. Tatsaki E, Anagnostopoulou E, Zantza I, Lazou P, Mikros E, Frillingos S. J Mol Biol. 2021 Dec 3;433(24):167329. doi: 10.1016/j.jmb.2021.167329. Epub 2021 Oct 25.
 159. Plasma Metabolomic Alterations Induced by COVID-19 Vaccination Reveal Putative Biomarkers Reflecting the Immune Response. Dagla I, Iliou A, Benaki D, Gikas E, Mikros E, Bagratuni T, Kastiris E, Dimopoulos MA, Terpos E, Tsarbopoulos A. Cells. 2022 Apr 6;11(7):1241. doi: 10.3390/cells11071241.
 160. Epigallocatechin gallate is a potent inhibitor of cystathionine beta-synthase: Structure-activity relationship and mechanism of action. Zuhra K, Petrosino M, Gupta B, Panagaki T, Cecconi M, Myrianthopoulos V, Schneider R, Mikros E, Majtan T, Szabo C. Nitric Oxide. 2022 Nov 1;128:12-24. doi: 10.1016/j.niox.2022.07.007.
 161. Development of Stilbenoid and Chalconoid Analogues as Potent Tyrosinase Modulators and Antioxidant Agents. Vontzalidou A, Dimitrakoudi SM, Tsoukalas K, Zoidis G, Chaita E, Dina E, Cheimonidi C, Trougakos IP, Lambrinidis G, Skaltsounis AL, Mikros E, Aligiannis N. Antioxidants (Basel). 2022 Aug 17;11(8):1593. doi: 10.3390/antiox11081593.
 162. Identification of a Dual Inhibitor of Secreted Phospholipase A2 (GIIA sPLA2) and SARS-CoV-2 Main Protease. Theodoropoulou MA, Koutouligenis GS, Zhang L, Akrani I, Mikros E, Hilgenfeld R, Kokotos G. Pharmaceuticals (Basel). 2022 Aug 3;15(8):961. doi: 10.3390/ph15080961.
 163. NMR Metabolite Profiling in the Quality and Authentication Assessment of Greek Honey-Exploitation of STOCSY for Markers Identification. Lemus Ringele GB, Beteinakis S, Papachristodoulou A, Axiotis E, Mikros E, Halabalaki M. Foods. 2022 Sep 15;11(18):2853. doi: 10.3390/foods11182853.
 164. Congruence and Complementarity of Differential Mobility Spectrometry and NMR Spectroscopy for Plasma Lipidomics. Ghorasaini M, Tsezou KI, Verhoeven A, Mohammed Y, Vlachoyiannopoulos P, Mikros E, Giera M. Metabolites. 2022 Oct 27;12(11):1030. doi: 10.3390/metabo12111030.
 165. NMR-Based Metabolite Profiling and the Application of STOCSY toward the Quality and Authentication Assessment of European EVOOs. Beteinakis S, Papachristodoulou A, Kolb P, Rösch P, Schwarzingner S, Mikros E, Halabalaki M. Molecules. 2023 Feb 11;28(4):1738. doi: 10.3390/molecules28041738.
 166. Hydrolytic Activity of Mitochondrial F1FO-ATP Synthase as a Target for Myocardial Ischemia-Reperfusion Injury: Discovery and In Vitro and In Vivo Evaluation of Novel Inhibitors. Nikolaou PE, Lambrinidis G, Georgiou M, Karagiannis D, Efentakis P, Bessis-Lazarou P, Founta K, Kampoukos S, Konstantin V, Palmeira CM, Davidson SM, Lougiakis N, Marakos P, Pouli N, Mikros E, Andreadou I. J Med Chem. 2023 Nov 23;66(22):15115-15140. doi: 10.1021/acs.jmedchem.3c01048.
 167. NMR-based metabolomics in giant cell arteritis and polymyalgia rheumatica sequential sera differentiates active and inactive disease. Iliou A, Argyropoulou OD, Palamidis DA, Karagiannakou M, Benaki D, Tsezou K, Vlachoyiannopoulos PG, Mikros E, Tzioufas AG. Rheumatology (Oxford). 2023 Nov 3;kead590. doi: 10.1093/rheumatology/kead590. Online ahead of print.
 168. Uracil/H+ Symport by FurE Refines Aspects of the Rocking-bundle Mechanism of APC-type Transporters.

- Zantza I, Pyrris Y, Raniolo S, Papadaki GF, Lambrinidis G, Limongelli V, Diallinas G, Mikros E. J Mol Biol. 2023 Oct 1;435(19):168226. doi: 10.1016/j.jmb.2023.168226.
169. The last two transmembrane helices in the APC-type FurE transporter act as an intramolecular chaperone essential for concentrative ER-exit. Pyrris Y, Papadaki GF, Mikros E, Diallinas G. Microb Cell. 2024 Jan 5;11:1-15. doi: 10.15698/mic2024.01.811. eCollection 2024.
170. Towards New Scaffolds for Antimicrobial Activity-In Silico/In Vitro Workflow Introducing New Lead Compounds. Mangana M, Lambrinidis G, Kostakis IK, Kalpaktsi I, Sagnou M, Nicolaou C, Mikros E, Chatzipanagiotou S, Ioannidis A. Antibiotics (Basel). 2024 Dec 27;14(1):11. doi: 10.3390/antibiotics14010011.
171. 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in Large-Vessel Vasculitis During Active and Inactive Disease Stages Is Associated with the Metabolic Profile, but Not the Macrophage-Related Cytokines: A Proof-of-Concept Study. Palamidas DA, Kalykakis G, Benaki D, Chatzis L, Argyropoulou OD, Palla P, Kollia A, Kafouris P, Metaxas M, Goules AV, Mikros E, Kambas K, Anagnostopoulos CD, Tzioufas AG. Cells. 2024 Nov 8;13(22):1851. doi: 10.3390/cells13221851.
172. Discovery of Novel Inhibitors against ALS-Related SOD1(A4V) Aggregation through the Screening of a Chemical Library Using Differential Scanning Fluorimetry (DSF). Giannakou M, Akrani I, Tsoka A, Myrianthopoulos V, Mikros E, Vorgias C, Hatzinikolaou DG. Pharmaceuticals (Basel). 2024 Sep 27;17(10):1286. doi: 10.3390/ph17101286.
173. A multilevel LC-HRMS and NMR correlation workflow towards foodomics advancement: Application in table olives. Beteinakis S, Papachristodoulou A, Stathopoulos P, Mikros E, Halabalaki M. Talanta. 2024 Dec 1;280:126641. doi: 10.1016/j.talanta.2024.126641. Epub 2024 Aug 10.
174. Towards New Scaffolds for Antimicrobial Activity-In Silico/In Vitro Workflow Introducing New Lead Compounds. Mangana M, Lambrinidis G, Kostakis IK, Kalpaktsi I, Sagnou M, Nicolaou C, Mikros E, Chatzipanagiotou S, Ioannidis A. Antibiotics (Basel). 2024 Dec 27;14(1):11. doi: 10.3390/antibiotics14010011.
175. Early Life Stress Induces Brain Mitochondrial Dynamics Changes and Sex-Specific Adverse Effects in Adulthood. Vlaikou AM, Nussbaumer M, Iliou A, Papageorgiou MP, Komini C, Theodoridou D, Benaki D, Mikros E, Gikas E, Syrrou M, Filiou MD. J Neurosci Res. 2025 Apr;103(4):e70023. doi: 10.1002/jnr.70023.
176. Discovery of antileishmanial compounds from Artemisia umbelliformis subsp. eriantha using HeteroCovariance Approach, HetCA. Karoutzou O, Beteinakis S, Koutsoni O, Kalpoutzakis E, Smirlis D, Halabalaki M, Skaltsounis LA, Mikros E. Bioorg Chem. 2025 May 26;163:108632. doi: 10.1016/j.bioorg.2025.108632.
177. 3-mercaptopyruvate sulfurtransferase resides on the inner mitochondrial membrane. Katsouda A, Vasilaki E, Fountoulakis M, Tremi I, Havaki S, Myrianthopoulos V, Gorgoulis VG, Mikros E, Papapetropoulos A. Nitric Oxide. 2025 Oct;158:67-75. doi: 10.1016/j.niox.2025.06.004. Epub 2025 Jun 20.
178. Cardioprotection Through Pharmacological Activation of Sirtuin 5 in a Murine Model of Acute Myocardial Infarction. Castiello C, Efentakis P, Nikolaou PE, Symeonidi L, Chania C, Barla I, Akrani I, Kostomitsopoulos N, Gikas E, Thomaidis NS, Mikros E, Kleinbongard P, Fioravanti R, Zwergel C, Valente S, Mai A, Andreadou I. Drug Des Devel Ther. 2025 Jun 27;19:5489-5505. doi: 10.2147/DDDT.S509337. eCollection 2025.
179. Discovery and Characterization of Uracil Derivatives Targeting the Set-and-Ring Domain of UHRF1. Akrani I, Driva D, Tsakalidis E, Mozumdar N, Mavridi D, Panara A, Epiphaniou K, Chalkiadaki M, Wright AF, Halabalaki M, Tsoka A, Zoidis G, Vorgias C, Sproul D, Gikas E, Kriacounis S, Mikros E, Myrianthopoulos V. J Chem Inf Model. 2025 Sep 8;65(17):9274-9286. doi: 10.1021/acs.jcim.5c01345. Epub 2025 Aug 19.
180. Comprehensive lipoprotein and glycoprotein characterization in rheumatoid arthritis plasma and association with clinical markers. Tsezou KI, Ghorasaini M, Verhoeven A, Iliou A, Benaki D, Vlachoyiannopoulos PG, Giera M, Mikros E. Front Mol Biosci. 2025 Sep 4;12:1627273. doi: 10.3389/fmolb.2025.1627273. eCollection 2025.
181. A Multiomic Approach Integrating Genomic and Metabolomic Data Highlights Colorectal Cancer Pathways. Iliou A, Chekmeneva E, Pinto RC, Koukouzeli FE, Ntounias Y, Georgakopoulou K, Pouliou M, Agelopoulos M, Tsilidis KK, Gunter MJ, Elliott P, Griffin JL, Dehghan A, Klinakis A, Mikros E, Tzoulaki I. J Proteome Res. 2026 Feb 6;25(2):578-588. doi: 10.1021/acs.jproteome.5c00459.