


**Personal information**

First name / Surname	<b>Aristidis Michael Tsatsakis</b>	
Work Address	University Campus, Voutes, Heraklion	
Telephones	+302810394870, +306948988768	
E-mail	tsatsaka@uoc.gr	
Nationality	Greek	
Date of birth	15-6-1957	
Marital Status	Married to AthinaGalioudaki <i>president court of first instance</i> , a daughter and three sons	

<b>Title</b>	<b>Full Professor of Toxicology</b>
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**Education Titles**

2006	D.Sc.: Biology Toxicology, Friendship of Nations University of Moscow
1986	PhD: Organic Chemistry, Mendeleev University, Moscow
1982	MSc: Chemistry, Mendeleev University, Moscow.
1980	BSc: Chem. Engineering, Mendeleev University of Chemistry, Moscow

**Honorable Titles**

2018	Fellow Academy of Toxicological Sciences (ATS)
2017	Honorary Doctor Causa, Carol Davila University of Medicine and Pharmacy in Bucharest
2017	Honorary Doctor Causa, Federal Far East University in Vladivostok
2016	Honorary Doctor Causa, Mendeleev Moscow University in Russia
2016	Foreign Member of the National Russian Academy of Science, Academician RAS
2014	Emeritus Professor, Erisman Russian Federal Institute of Hygiene and Toxicology
2014	President of EUROTOX, Federation of European Societies of Toxicology

**Positions Held**

2010 - now	Professor of Toxicology School of Medicine, University of Crete and University General Hospital
2001 - now	Director of the Toxicology and the Forensic Science Department School of Medicine, University of Crete and University General Hospital
2001 - 2005	Executive Board Member of the School of Medicine School of Medicine, University of Crete and University General Hospital
2001 - 2005	Director Division of Morphology School of Medicine, University of Crete and University General Hospital
1999 - 2001	Visiting Professor in Toxicology Medical Academy of Moscow
2001 - 2010	Associate Professor Department of Forensic Sciences, University of Crete and University General Hospital
1996 - 2001	Tenure Assistant Professor of Toxicology Department of Forensic Sciences, University of Crete and University General Hospital
1997 - 2003	Visiting Lecturer in Toxicology University of Mendeleev
1993 - 1996	Assistant Professor of Toxicology

	Department of Forensic Sciences, University General Hospital	
1996	Visiting Research Fellow University of Florida and Schands Hospital, USA	
1994	Research Fellow Toxicology Centre, University of Antwerp, Belgium	
1988 - 1993	Lecturer, Head of Toxicology Unit of Department of Forensic Sciences School of Medicine, University of Crete and University General Hospital	
1992	Research Fellow University of Maryland and O.C.M.E Baltimore, USA	
1989 - 1991	Research Fellow Mendeleev University	
1986 - 1989	Adjunct Assistant Professor Department of Chemistry, University of Crete	
1987 - 1990	Post-doctoral Fellow Macromolecular Chemistry, Mendeleev University	
<b>Scientific distinction - Awards</b>	<ul style="list-style-type: none"> <li>• Emeritus President Hellenic Society of Toxicology (2017)</li> <li>• Merit Award Greek Ministry of Agriculture (2017)</li> <li>• Honorary Doctor Causa, Federal Far East University, Vladivostok (2017)</li> <li>• Honorary Doctor Causa, Carol Davila University of Medicine and Pharmacy, Bucharest (2017)</li> <li>• Honorary membership in the Bulgarian Toxicology Society and the ERT registry, Sofia, Bulgary (2017)</li> <li>• Merit Award BIONANOTOX Symposiums (2016)</li> <li>• Award of Excellence, MED Solutions, International group (2016)</li> <li>• Foreign Member of the National Russian Academy of Science, Academician RAS (2016)</li> <li>• Honorary Doctor Causa Mendeleev Moscow University in Russia (2016)</li> <li>• Emeritus Professor Erisman Russian Federal Institute of Hygiene and Toxicology in Moscow (2014)</li> <li>• Executive and Nomination Committee member, EUROTOX (2004-2012)</li> <li>• Advisor Int Program Chemical Safety (IPCS), WHO (2002)</li> <li>• Gold Metal, Eminent Scientist, Int.Research Promotion Council (IRPC) (2001)</li> <li>• European Science Foundation Fellowships in Toxicology, (1993, 1994)</li> <li>• Diploma with Distinction (Excellency), Mendelejev University (1982)</li> </ul>	
<b>Research interests</b>	<ul style="list-style-type: none"> <li>• Development of analytical methods for testing of drugs and xenobiotics.</li> <li>• Human biomonitoring, monitoring and biomonitoring of xenobiotics in the ecosystem</li> <li>• Chronic exposure to xenobiotics and impact on human health and linking to diseases.</li> <li>• Development of macromolecular and nano systems for targeting and reducing toxicity of drugs.</li> <li>• Telomeres length, chronic diseases and aging. Focus on biomarkers and modulation of telomerase.</li> <li>• Forensic and clinical issues of anabolic and drugs of abuse.</li> <li>• Nanomedicine - Nanotoxicology</li> </ul>	
<b>Honorable posts</b>	2017	Honorary membership in the Bulgarian Toxicology Society and the ERT registry, Sofia, Bulgary (2017)
	2001 - 2016	President of the Hellenic Society of Toxicology
	2008 - Now	Chairman of the Hellenic ERT-HST national Registry
	2012 -2017	Scientific Director and Founder of the ToxPlus – Spin Off company (www.toxplus.gr)
	2014 -2016	President of Federation of European Toxicologists & European Societies of Toxicology (EUROTOX)
	2010 - 2017	President of eight International Symposiums BIONANOTOX
	2010	President of the Eurotox Toxicology Course

2008- 2014	Member of Executive Committee and Chairman of the Communication Committee of EUROTOX
2008	President of the 45th EUROTOX 2008 Congress
2010	Member of Executive Board IAAMRH ( Int Ass Agr Med Rural Health)
2006	Consortium NANOTOX Cluster Project Member
2001 - 2017	Director of Toxicology and the Forensic Science Department.School of Medicine, University of Crete and University General Hospital
2003-2008	Member of Nomination Committee EUROTOX
2003	President of the International Hair Testing Society Meeting in Crete
2000 - 2004	Advisor for National Authority of Drugs (Greek FDA)
1997 - 2001	General Secretary of Greek Society of Toxicology
2016	Elected Foreign Member of the National Russian Academy of Science, Academician RAS

#### Editorial Positions

- Editor in Chief Toxicology Reports (2017), *Elsevier*
- Editor of Food Chemical Toxicology (FCT) (2013-Now), *Elsevier*
- Guest Editor of Toxicology Letters (2 special issues), *Elsevier*
- Guest Editor of Toxicology (1 special issue), *Elsevier*
- Guest Editor of Food Chemical Toxicology (FCT), *Elsevier*
- Associate Editor and member of the Editorial Boards: Archives of Toxicology, Toxicology Letters, Environmental Research, Human Experimental Toxicology, The Scientific World Journal, Pteridines, Russian Journal of Biopharmaceuticals, Journal of Alcohol and Drug Research, Journal of Rural Medicine, Toxics
- Ex Editor in Chief TOFSJ, *Bentham Open*

#### Sources of funding:

1. 1991-1993 Investigation of Theoretical Principles for the Preparation of Polymeric Antidotes. General Secretariat for Research and Technology, 7th Protocol of Greek-Russian Scientific Collaboration N12135/12 Sep 1991.
2. 1994-1995 Mycotoxins: Treatment of Mycotoxicoses with the use of new Slow release Fungicides. European Science Foundation (ESF).
3. 1999-2001 Technologies of Controlled Release for Fungicides and Plant Growth Regulators. General Secretariat for Research and Technology, Greece. Program of Interstate Research Cooperation Greece\_Russia, University of Crete Funds for Research KA 1396.
4. 1999-2000 Pesticides Immunoassays Development for Monitoring Environmental Pollution. Antigen-Antibody Interaction Investigation. NATO, Division Life Science and Technology, SA, LST.CNS. 976324.
5. 2000-2001 Computer Net Working Supplement (Immunoassays for Residual Pesticides). NATO Linkage Grant, Life Sciences, LST.CLG 975077.
6. 2001 PCBs in Hair by GC-MS. Bilateral, Socrates Program EC, Universities of Crete and Answers.
7. 1999-2000 New Laboratory Methods and Technics. Identification of Pesticides and Drugs in Biosamples. Leonardo Da Vinci (EC project) (PI), UoC. ELKE KA.1356. (University Antwerp, Crete and Strasbourg Louis Pasteur).
8. 2004-2006 (CO-PI) Urban Environmental Pesticides and Childhood Cancer, Cancer, Genetics and Epidemiology, Georgetown University School of Medicine, Washington D.C. Lombardi Comprehensive Cancer Center, USA.
9. 2001-2004 (CO-PI Univ. Sunderland UK) Simple Methods for Determining Potent Xenobiotics in Water and Foodstuffs. INTAS-00-0870, EC, P.K. SARG KA 1535.
10. 2003-2005 Novel Slow Release Antifungal Drugs: Water Soluble Derivatives of Sorbic Acid, Nystatin and Amphotericin B with Polyvinylpyrrolidone. General Secretariat for Research and Technology, «ΠΡΑΞΕ», UoC ELKE KA 1814.
11. 2004-2006 Improving the Understanding of the Impact of Nanoparticles on Human Health and the Environment (ImPart, -No: CA 013968).Partners: NFM, Institute of Physical Chemistry, Jozef Stefan Institute, University of Leicester, University of Crete. NMP (Nanotechnologies and Nano-Sciences, FP6-2003-NMP- TI 3, Brussels. UoC ELKE KA 2219.
12. 1990-1994 (CO-PI) The Problem of Narcotics in Crete Regional Development Plan. SPA of Crete, Management PAGNI General Hospital of Heraklion.

13. 1988-1993 New Polymeric Pesticides. P.K. SARG (University of Crete Funds for Research) KA 207.
14. 1992-1993 New Polymeric Antidotes. P.K. SARG (University of Crete Funds for Research) KA 407.
15. 1991-1994 (CO-PI) Development of Physiochemical Methods for Analysis of Prohibited Substances by the Law. P.K. SARG (University of Crete Funds for Research) KA 307.
16. 1992-1994 Polymeric Pesticides. Applications of New Technologies in Agriculture. Ministry of Development, Research And Technology, GGET General Secretariat for Research and Technology (GSRT), (University of Crete Funds for Research) KA 89ΕΔ365).
17. 1993-1994 (CO-PI) Application of New Technology in the Grafting of Vine varieties using polymeric auxins. Management by The Hellenic Organization of Small and Medium Sized Enterprises and Handicraft (EOMMEX) S.A.
18. 1996-1999 Inhibition of Mycotoxieties Development in Animals Synthesis and Biological Research. General Secretariat for Research and Technology (GSRT), (University of Crete Funds for Research) KA 679.
19. 1994-1995 Study of the problem of Narcotics in the Schools of Heraklion, Heraklion Municipality.
20. 1996-2000 Controlled release Chemotherapeutics for avoiding Mycotoxieties in procude. Mycotoxins and Pesticide Residuals in Agricultural Products. Ministry of Energy and Technology, (EPET II, PEP), University of Crete Funds for Research KA. 890.
21. 1994-1999 (CO-PI ERGO AEBE) Sterilization of Blood Lines with the use of Photosensitizer and Low Power Laser. Ministry of Development, Research And Technology, KA 97BE337 ΕΠΕΤ II, ΠΑΒΕ 97.
22. 2002-2003 Organization of the 3rd Panhellenic Congress of Forensic Sciences and Toxicology. Ministry of Culture, University of Crete Funds for Research, KA 1628.
23. 2002-2004 Synthesis and Studies on New Biodegradable Macromolecules for Medical Use. Ministry of Research, Energy and Technology. Program of interstate research cooperation University of Crete Funds for Research KA 1607.
24. 1991-1993 New Polymeric Materials of Controlled Release with Immunoactive Activit. Ministry of Development, Research and Technology, Greece PENED.
25. 2003-2005 Novel Slow Release Antifungal Drugs: Water Soluble Derivatives of Sorbic Acid, Nystatin and Amphotericin B with Polyvinylpyrrolidone. General Secretariat for Research and Technology, «ΠΡΑΞΕ» Program, P.K. SARG KA 1814.
26. 2004-2006 (CO-PI) In Vitro Study New Water-Soluble Antifungal Drugs in Clinical Strains of Fungi Causing Skin Fungal Infections. Toxicological Study in Cell Lines. National Ministry of Education and religious affairs, «ΑΡΧΙΜΗΔΗΣ» program.
27. 2004-2004 (CO-PI) Development of Non Invasive Methods for the Assessment of Chronic Exposure to Pesticides and Hormone depended Cancer. National Ministry of Education and religious affairs, «ΑΡΧΙΜΗΔΗΣ» program.
28. 2005-2007 Evaluation of exposure to pesticides and its implications on public health. Programmatic contract of Itanos municipality. UoC, ELKE KA 2059.
29. 2005-2007 New polymeric bio-materials as carriers of anti-fungal drugs O.P. Competitiveness, P.K. SARG KA 2144.
30. 2005-2007 Environmental and populational charge due to pesticide exposure and their effects on public health. Heraklion prefecture, P.K. SARG KA 2197.
31. 2007-2009 Nanotox National Participation, P.K. SARG KA 2219. General Secretariat for Research and Technology. KA 2476.
32. 2006-2008 Exposure to pesticides through diet and related diseases Heraklion prefecture, P.K. SARG KA 2449.
33. 2007-2012 Forensic and toxicological investigation, analysis and examinations Ministry of Justice, P.K. SARG KA 2590.
34. 2007-2010 Effects of toxic compounds on the environment and the population, Evaluation and assessment of exposure Businesses and Individuals, P.K. SARG KA 2598.
35. 2007-2012 Evaluation of the exposure of teenagers to toxic substances in Crete Lasithi prefecture, P.K. SARG KA 2599.

36. 2007-2011 Toxicological examinations and investigation of biological samples from patients Preliminary Investigation and Authorities, P.K. SARG KA 2600.
37. 2010-2013 Risk assessment of nanomaterials and other toxic substances. Bionanotox Conference KA 3149.
38. 2011-2013 Product and material certifications for residual toxic substances. Private Funding and IIBEAA KA 3392.
39. 2012-2015 Toxicological and forensic examinations, investigations, advisory services for governmental agencies and non-state actors. Ministry of Justice, Transparency and Human Rights KA 3464.
40. 2014-2017 Toxicological examinations and investigations in biological and non-biological samples of humans and animals for assessing substance or contaminant exposure. Private Funding KA 3963.
41. 2014-2017 Toxicological tests in biological samples from patients for diagnosis and treatment. Private Funding KA 3962.
42. 2014-2017 Nanoparticles for Brain Use, Diagnostic and Ophthalmological Applications (NABUCO) ERANET RUS PLUS #69.
43. 2016-2018 European Regulatory Science on Tobacco - Policy implementation to reduce lung diseases (EUREST-PLUS). HORIZON 2020 KA 4602.

#### Patents

1. **Tsatsakis AM**, Vlahakis J, Shtilman MI, Shashkova IB. New Water-soluble polymeric plant growth regulators. Hellenic Industrial Property Organisation. Patent No1001344/93, OB, Apl. No 920100479 (1992).
2. **Tsatsakis AM**, Vlachakis J, Shtilman MI, Shashkova IB. Water soluble polymeric systems of phytohormones with slow release Synthesis and application. European Patent, EPO Bulletin 94/32 Patent No 0609638A1, 10.08.94, Int. Cl. 5 A01N25/10, Apl. No 93600016.5 (1993).
3. **Tsatsakis AM** Shtilman MI, Lakarova E, Tsakalof AK. Controlled release drug systems: New water-soluble polymeric derivatives of indomethacine. Hellenic Industrial Property Organisation 18.11.94, OBI Patent No 1001718, 18.11.94, Apl. No 930100325, 30.07.93, Int. Cl. 5 A61K47/48 (1993).
4. **Tsatsakis AM** Shtilman MI, Kurumali E, Michalodimitrakis M. Pharmaceutical compositions: Bandages with immobilised sustained indomethacin formulation. Hellenic Industrial Property Organisation, OBI. Patent No 1001719, 18.11.94, Apl. No 903100326, 30.07.93, Int. Cl. 5 A61K9/70 (1993).
5. **Tsatsakis A**, Tzatzarakis M, Shtilman MI, Harvalou K, Samonis G. New antifungal agents with prolonged action. Polymers of sorbic acid Hellenic Industrial Property Organisation, OBI Patent No 1003871, No 20000100176, 25.05.2000 (2000).
6. Kuskov AN, Shtilman MI, **Tsatsakis AM**. Methods of preparation and pharmaceutical formulation of non water soluble biologically active compounds. Russian Patent. Apl. No 20061258442/15 19.07.06, RU 2325 151 C2, A61K 9/16, A61K 9/127 (2006/01).
7. Artiuhov AA, Shtilman MI, **Tsatsakis AM**. Novel macroporous hydrogel systems. Preparation, properties and applications. Russian Patent. Apl. No 2006 1234043/15 29.06.06, RU 2328 313 C2, A61L 15/22 (2006.01), A61L 15/44(2006.01) (2006/02).
8. Kuskov AN, Kulikov PP, Shtilman MI, Tzatzarakis M, **Tsatsakis A**. Water-compatible polymer compositions for delivery of biologically active substances. Patent application № RU2015111098, (2015).

#### Supervisor of PhD Candidates

1. Psillakis Athanasios (2000) Carbamazepine, phenytoin and valproic acid levels in the hair of patients under long-term treatment.
2. Tzatzarakis Manolis (2000) Synthesis and study of the biological activity of new controlled release chemotherapeutic agents for the prevention of mycotoxicosis and the treatment of fungal infections.
3. Alegakis Athanasios (2001) Copolymers of vinylpyrrolidone as antidotes of exogenous substances: preparation and physicochemical properties.
4. Tsakiris Ioannis (2003) Pesticide residues in agricultural products recording, legislation, monitoring, side effects.
5. Hatzidakis George (2004) Development of fluorescence polarization immunoassays for the determination of toxic substances.

6. Toutoudaki Maria (2007) Biomarkers of exposure to pesticides: disposition study of organophosphate, carbamate and organochlorine pesticides in hair.
7. Nikitovic - Tzanakaki, Dragana (2009) In vitro study of the growth factors and tyrosine kinase effects on the organization of the osteosarcoma cell lines extracellular net.
8. Margariti Maria (2009) Biomarkers of exposure to pesticides: study of incorporation of organochlorine and organophosphate pesticides in hair from experimental animals and extrapolation of the study to humans.
9. Kavvalakis Matthaios (2014) Development of mass spectrometry analytical methods for the determination of pyrethroid and neonicotinoid pesticides in laboratory animal biological samples implementation of them for the biomonitoring of rural and special population groups
10. Maravgakis George (2014) Biomarkers of chronic exposure in organophosphates. Study on the deposition of non specific metabolites in hair samples from animals. Qualitative and quantitative analysis with gas chromatography-mass spectrometry.
11. Tsakirakis Aggelos (2015) Determination of exposure of sprayers in pesticides during application in Greece. Development of database and reliable methods for risk prediction.
12. Vasilaki Foteini (2016) Determination of the toxic effects of nandrolone in the cardiovascular system of animals after long term exposure.

#### Invited Lectures (2000-2017)

1. "Risks from real life exposures the ageing process and its modulation." Plenary Lecture, 70 years Institute of Neurobiology Bulgarian Academy of Sciences. Scientific Conference with International Participation, 30 November-1 December 2017, Sofia, Bulgaria.
2. "Nutritional and supplement aspects as factors for inhibiting aging processes." Chonnam university South Korea at the department of Biotechnology, 24 November 2017, South Korea.
3. "Aging concepts nowadays and Risks from Life style exposures" opening of 2<sup>nd</sup> Romanian Toxicology Conference, 2 November 2017, Bucharest, Romania.
4. "Challenges for Toxicology in 21st century - Risks from life exposures and ageing process modulation" plenary lecture, 60 years anniversary of Ataturk University in Erzurum, 18 October 2017, Turkey.
5. "Advances in evaluating the compliance to therapy for side effects and legislative issues from psychoactive substances". Psychopharmacology Conference, 18-21 May, 2017, Bucharest.
6. Lecture at Kamchatka Technical University on Toxicology-Ecology issues. 26 April 2017, Petropavlosk Kamchatka.
7. Lecture at the Scientific Council on Toxicology challenges in 21<sup>st</sup> century. Federal Far East University, April 2017, Vladivostok.
8. "Current status and Challenges for Toxicology and Risk Analysis in 21st Century: Integrating Epidemiology Experimental and Computational Data in Real Life Exposures." 8th World Congress on Toxicology and Pharmacology, 13-15, April, 2017 Dubai, UAE.
9. "Toxicology and Risk Analysis Challenges in 21 Century." Primavara Dermatological Conference, 29 March - 2 April, 2017, Iasi, Romania.
10. "Challenges for the integration of toxicology with epidemiology data in risk analysis." International Occupational and Environmental Diseases Congress, 27-29, March, 2017, Antalya, Turkey.
11. "Challenges for biomonitoring – exposure assessment – toxicology and risk analysis in 21st Century." BIOTECH World, 20-22 February, 2017, Moscow, Russia.
12. "Advances of biomonitoring for drugs and pesticides for Environmental and Lifestyle Pollutants." International Toxicology Workshop in ECOHYNTOX, 17-18 December, 2016, Kiev, Ukraine.
13. "Creating a National Register of Toxicologists. The requirements to the National Register." International Toxicology Workshop in ECOHYNTOX, 17-18 December, 2016, Kiev, Ukraine.
14. "New challenges for Toxicology and risk analysis in 21st Century." International Toxicology Workshop in ECOHYNTOX, 17-18 December, 2016, Kiev, Ukraine.

15. "Challenges for risk analysis in real life exposures." Erisman Conference on Hygiene and Preventive Medicine and Toxicology, 9-10 November, 2016, Moscow, Russia.
16. "Challenges for risk analysis in real life exposures. Uncertainties of the present status and future needs." Medical Research Center Ekaterinburg, International Nanotechnology Conference, 21 October, 2016, Russia.
17. "Introduction to toxicology and risk assessment of biomaterials." Biotechnology Conference in Siberian Federal University, 13 October, 2016, Krasnoyarsk, Russia.
18. "Advances on biomonitoring for environmental and lifestyle pollutants." Biotechnology Conference in
19. Federal University, 12 October, 2016, Krasnoyarsk, Russia.
20. "Biomonitoring of pesticides exposure for linking to diseases: The current status, problems and future needs." Pesticides Symposium IUTOX, XIV International Congress of Toxicology in conjunction with the X Mexican Congress of Toxicology, Merida, 2-6 October, 2016, Mexico.
21. "Protecting public and environmental health by understanding and communicating toxicology." 52nd Congress of the European Societies of Toxicology (EUROTOX 2016), 4 September, 2016, Seville, Spain.
22. "Advances on biomonitoring of long term exposures to psychoactive drugs. The current status and future needs." Shanghai Fudan University and Cancer Institute, 11 August, 2016, China.
23. "Advances on biomonitoring of long term exposures to psychoactive drugs. The current status and future needs." Crown Plaza Bucharest, 18 June, 2016, Romania.
24. "A toxicology integrated approach to identify causes of deaths and chronic diseases linked to xenobiotics: Evaluating hazards and personalized risks." 2nd FORETOX 2016, 27 May, 2016, Ankara, Turkey.
25. "Carbon nanotubes: Consequences of impurities on methabolic pathways." 7th International Conference Biomaterials and nanobiomaterials. Recent advances Safety-Toxicology and Ecology Issues, BIONANOTOX 2016, 8-15 May, 2016, Crete, Greece.
26. "Development of a kit to measure food antioxidant capacity using a novel chromometer." 35th International Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics, 23 February, 2016, Innsbruck, Austria.
27. "Current aspects of publishing in biomedical sciences." Far Eastern Federal University, 20 December, 2015, Vladivostok, Russia.
28. "The challenges of low dose long term exposures to xenobiotics in linking to health effects and risk assessment." Healthy Ministry Medical Research Center, 13 November, 2015, Ekaterinburg, Russia.
29. "Advances on Biomarkers of human exposure to xenobiotics related to health issues: the current status and future needs." All-Russian Conference on Chemical analysis and Medicine, 8 November, 2015, Moscow, Russia.
30. "Low dose long term exposure is linked to various health problems." 9th Congress of the Turkish Society of Toxicology with the Hellenic Society of Toxicology (TURKHELTOX 2015), 21-24 October, 2015, Izmir, Turkey.
31. "EUROTOX in service of toxicology education, research and profession. The past the present and the future of the ERT system and issues of toxicology recognition in Europe." Specialized Toxicology Course Genotoxicity and Carcinogenicity, 19-23 October, 2015, Belgrade, Serbia.
32. "Advances on biomonitoring for long term chemical exposure for linking to health problems and diseases." Far Eastern Federal University, 20 September, 2015, Vladivostok, Russia.
33. "ERT: The European Registered Toxicologist System education, harmonization and recognition issues." Far Eastern Federal University, 21 September, 2015, Vladivostok, Russia.
34. "The challenges of low dose long term exposures to xenobiotics in linking to health effects and risk assessment." 1st Romanian Congress of Toxicology, 17 October, 2015, Bucharest, Romania.
35. "Prenatal long term pesticide exposure and its association with pregnancy problems and birth defects." 51st Congress of the European Societies of Toxicology (EUROTOX 2015), 15 September, 2015, Porto, Portugal.

36. "Environmental exposure and health problems and diseases." Postgraduate Medical School, 6 June, 2015, Messina, Italy.
37. "Linking long term low dose exposure to chemicals to health effects and diseases: The current status and future needs." 6th International Conference (BIONANOTOX 2015). Biomaterials and nanobiomaterials. Recent advances Safety-Toxicology and Ecology Issues, 3-10 May, 2015, Crete, Greece.
38. "Education in toxicology as the basis for ERT registration and how to become a European Registered Toxicologist through the National Register." Mashhad University, 16 May, 2015, Iran.
39. "The challenges of modern analytical chemistry in exposure science and biomonitoring in toxicological issues and risk assessment." 13th Iranian International Congress of Toxicology, Urmia University, 12-14 May, 2015, Urmia, Iran.
40. "Update of problems and issues for linking long term low dose exposure to pesticides with health effects and diseases." F.F. Erisman Federal Research Center for Hygiene, 15 December, 2014, Moscow, Russia.
41. "Analytical aspects for long-term and acute intoxication in occupational clinical and post mortem toxicology and of biomonitoring studies for linking to diseases." 1st International Congress and Workshop of Forensic Toxicology, (FORETOX 2014), 29-30 November, 2014, Ankara, Turkey.
42. "Overview of current aspects for linking environmental exposure to health problems and diseases." Istanbul University Faculty of Pharmacy, 28 November, 2014, Ankara, Turkey.
43. "Advancing science for human and environmental health – The 50th EUROTOX Congress." 50th Congress of the European Societies of Toxicology (EUROTOX 2014), 7-10 September, 2014, Edinburg, UK.
44. "Advances on Biomonitoring of Environmental Pollutants and pesticides." 11th Serbian Congress of Toxicology, New Frontiers and Challenges in Toxicology, Sremski Karlovci, 24-27 June, 2014, Serbia.
45. "Advances on biomarkers of human exposure to Xenobiotics related to health issues: The current status and future needs." 6th China Medical Biotech Forum, 25 March, 2013, Shenzhen, China.
46. "Pesticide exposure of agricultural workers in Greece. Biomarkers diversity and variability." 49th Congress of the European Societies of Toxicology (EUROTOX 2013), 1-4 September, 2013, Interlaken, Switzerland.
47. "In vivo evaluation of genotoxicity of imidacloprid." 3rd Russian – Hellenic Symposium with International Participation and Young Scientist's School (BIONANOTOX 2012), 6-13 May, 2012, Crete, Greece.
48. "Methods of study of toxicology nanobiomaterials." 3rd Russian – Hellenic Symposium with International Participation and Young Scientist's School (BIONANOTOX 2012), 6-13 May, 2012, Crete, Greece.
49. "Toxicology of pesticides exposure – biomonitoring – exposure – chronic and acute health effects." EUROTOX Advanced Toxicology Course, 14-18 November, 2011, Kusadasi – Izmir, Turkey.
50. "Effects on pregnancy, development of embryo and the neonate resulting from the prenatal and chronic exposure to pesticides. Biomarkers and effects on molecular cell and tissue level." Symposium Lecture 47th Congress of the European Societies of Toxicology (EUROTOX 2011), 28-31 August, 2011, Paris, France.
51. "Chronic cannabis abuse and prevalence of cognitive disorders." Symposium Lecture 47th Congress of the European Societies of Toxicology (EUROTOX 2011), 28-31 August, 2011, Paris, France.
52. "Environmental Security for South-East Europe and Ukraine", NATO Advanced Research Workshop (ARW) 17-19 May, 2011, Dnepropetrovsk, Ukraine.
53. "Modern methods in biomonitoring, toxicological analysis and exposure assessment." 2nd Russian – Hellenic Symposium with International Participation and Young Scientist's School, (BIONANOTOX 2011), 5-12 May, 2011, Crete, Greece.
54. "Aggregates of amphiphilic polymers – the important group of nanosized systems." 2nd Russian – Hellenic Symposium with International Participation and Young Scientist's School, (BIONANOTOX 2011), 5-12 May, 2011, Crete, Greece.



55. "Twenty years of Russian-Greek Collaboration in the area of Biomaterials." 1st Russian – Hellenic Symposium with International Participation and Young Scientist's School, (BIONANOTOX 2010), 3-9 May, 2010, Crete, Greece.
56. "Assessment of exposure and risks from Bionanomaterials." 1st Russian – Hellenic Symposium with International Participation and Young Scientist's School, (BIONANOTOX 2010), 3-9 May, 2010, Crete, Greece.
57. "Toxic Effects, biomonitoring and biomarkers of susceptibility for pesticides and drugs of abuse." EUROTOX–Basic Toxicology Course, 18-23 October, 2010, Crete, Greece.
58. "Concepts in food toxicology: Emerging risks and risk assessment of Mediterranean diet." Advanced Toxicology Course, CEC Lecture, Medical Academy, 8-12 November, 2010, Sofia, Bulgaria.
59. "Biomarkers of Genetic susceptibility for Pesticides." XII International Congress of Toxicology, (IUTOX-2010), CEC Lecture, 11 - 15 July, 2010, Barcelona, Spain.
60. "Biomarkers and Biological Monitoring." Plenary Lecture In: Program 7th CTDC, Congress Of Toxicology In Developing Countries, 6-10 September, 2009, Sun City, South Africa.
61. "Assessment of Exposure to Organochlorine and Organophosphate Pesticides in Greek Population." Medical Management of Chemical and Biological Casualties International Symposium, Military Medical Academy, 27-28 April, 2009, Sofia, Bulgaria.
62. "Human Monitoring of Chemical Exposure. Continuing Educational Course (CEC), Biomarkers and Biological Monitoring." Program 7th CTDC, Congress of Toxicology in Developing Countries, 6-10 September, 2009, Sun City, South Africa.
63. "Pesticide Issues Related to Health in the Industrially World and in Developing Countries." Symposium Invited Lecture, 46th Congress of the European Societies of Toxicology (EUROTOX 2009), 12-16 September, 2009, Dresden, Germany.
64. "Advances on Pesticides Biomonitoring." International Congress on Rural Health, Keynote Lecture, 13-16 October, 2009, Cartagena, Colombia.
65. "Genetic and Clinical Findings Related to Pesticide Exposure in Rural Population" Workshop Lecture International Conference on Rural Health, Department of Occupational Health of the University of Milan, San Paolo Hospital, April 2008, Milan, Italy.
66. "Assessing Chronic Exposure to Anti-Cholinesterase Agents by Analysis of Hair." Workshop Lecture NATO Advanced Research Workshop, "Counteraction of Chemical and Biological Terrorism at a National and Local Level in Europe", 14-17 October, 2008, Dnepropetrovsk, Ukraine.
67. "Emerging Innovative Technologies in Forensic and Clinical Toxicology." Continuing Educational Courses and Assessing Chronic Exposure for Drugs of Abuse. Symposium Lecture, 45th Congress of the European Societies of Toxicology (EUROTOX 2008), 5-8 October, 2008, Rhodes Greece.
68. "Assessing Long-term Exposure for Drugs of Abuse by Analysis of Hair." Symposium Lecture, 45th Congress of the European Societies of Toxicology (EUROTOX 2008), 5-8 October, 2008, Rhodes Greece.
69. "Modern Trends and Analytical methods in Toxicology." Invited CEC Lecture. D. Mendelejev University of Chemical Technology of Russia, Jan 2007, Moscow.
70. "Assessing long term exposure to environmental pollutants and pesticides by hair analysis." Panel Discussion on QA/QC accreditation and interpretation issues. Annual Meeting of Society of hair testing, May 2007, Cardiff, U.K.
71. "Presentation of scientific and organization issues of EUROTOX 2008." International Congress of Toxicology IX (ICT XI) IUTOX, 15-19 July, 2007, Montreal, Canada.
72. "Biomarkers of susceptibility to pesticides. Inauguration Ceremony." International Congress for Rural Health, Plenary Lecture, 22 November, 2007, Milan, Italy.
73. "Disposition of toxic xenobiotics in tissues of human reproductive system." EUROTOX 2006 joined CTDX Congress of Toxicology, September, 2006, Cavtat, Croatia.
74. "Hair testing and pubic hair testing for drugs of abuse for legal purposes in Crete." CEC Lecture. Russian Academy of Sciences. Institute Molecular Medicine, May, 2006, Moscow.

75. "Biomonitoring for drugs abuse using unconventional samples." 45th Congress of Association of European Societies of Toxicology, (EUROTOX 2005), 11-14 September, 2005, Cracow, Poland.
76. "Current advances on hair analysis for drugs, pollutants and pesticides for the evaluation of chronic exposure." Symposium Lecture in International Congress on Education and Sustainable Development, National Academy of Russia, 15-19 November, 2004, Moscow, Russia.
77. "Monitoring of pesticides in non conventional biosamples for the assessment of exposure and relation to toxicological effects." Keynote Lecture, International Pesticide Conference Centre for Pesticide and Health Risk Prevention (ICPR) University Hospital Luigi Sacco, 23 October, 2004, Italy.
78. "Monitoring and assessment of toxicological effects to man from the use of pesticides in Greece." Plenary Lecture, 5th International Congress of Turkish Society of Toxicology (CTOX), 30 October-2 November, 2003, Antalya, Turkey.
79. "Human Monitoring and Assessment of Toxicological Effects from the Use of Pesticides in Crete and Greece." AROICON-2003, Invited symposium Lecture in International Congress on Radiology Oncology, 20-23 November, 2003, Kochi, Kerala, India.
80. "Assessment of addiction for drugs of abuse: Laboratory instrumental analysis of non conventional biosamples." Research Institute on Molecular Medicine, Department of Toxicology, CEC Lecture 21. November, 2003, Moscow, Russia.
81. "Mammography and hair testing findings in women occupationally exposed to pesticides." Symposium lecture in (IAAMH) International Conference of the Internal Association of Agriculture Medicine and Rural Health in Mediterranean and Balkan Countries, 13-16 November, 2002, Bari, Italy.
82. "Analytical aspects of pesticide monitoring in biological samples." WHO/IPCS Poisons Information monographs (PIMs) working Group Invited Workshop Expert. Meeting of the INTOX Program/ pesticide project, 18-20 Dec 2002, Penang, Malaysia.
83. "The place of sectional hair testing in judicial and epidemiological applications." Invited Workshop Lecture, Copernicus Immunoanalysis Project Partners Meeting, Lomonosov University, Institute Molecular Medicine, 01 July, 2001, Moscow, Russia.
84. "Interpretation of hair testing results." Workshop of the Society Hair Testing (SHT), Panel Discussion dose/response relationships. Invited Panel Expert, 01 June, 2001, Bordeaux, France.
85. "Clinical and judicial applications of sectional hair testing." Invited Continuing Educational Course (CEC), Lecture, Moscow Medical Academy, Laboratory of Toxicology and Pharmacognosy, February 2001, Moscow, Russia.
86. "Judicial, epidemiological and clinical applications of sectional hair testing." 5th World Congress on Advance in Oncology and 3rd International Symposium on Molecular Medicine, 19-21 October, 2000, Crete, Greece.
87. "Current toxico-clinical, analytical and modificational aspects of xenobiotics (pesticides and drugs)." Symposium keynote Lecture in 5th International Congress of Turkish Society of Toxicology (CTOX), Oct 30-Nov 2, 2000, Antalya, Turkey.
88. "Sectional hair testing. Judicial and clinical applications." Plenary Lecture. 4th Congress of Toxicology CTOX-DC, Nov 1999, Antalya, Turkey.
89. "Laboratory evaluation of toxicomania using sectional hair testing." 15th Congress of the International Association of Forensic Sciences (IAFS), August 1999, LA, California, USA.

**Research Publications in peer-reviewed journals**

1. Balmuri, S. R., Selvaraj, U., Kumar, V. V., Anthony, S. P., **Tsatsakis**, A. M., Golokhvast, K. S., & Raman, T. (2017). Effect of surfactant in mitigating cadmium oxide nanoparticle toxicity: Implications for mitigating cadmium toxicity in environment. *Environmental Research*, 152(July 2016), 141–149. <http://doi.org/10.1016/j.envres.2016.10.005>
2. Katsarou, M. S., Karakonstantis, K., Demertzis, N., Vourakis, E., Skarpathioti, A., Nosyrev, A. E., **Tsatsakis**, A., Kalogridis, T., Drakoulis, N. (2017). Effect of single-nucleotide polymorphisms in ADH1B, ADH4, ADH1C, OPRM1, DRD2, BDNF, and ALDH2 genes on alcohol dependence in a Caucasian population. *Pharmacology*

- Research and Perspectives, 5(4), 1–10. <http://doi.org/10.1002/prp2.326>
3. Vinceti, M., Violi, F., Tzatzarakis, M., Mandrioli, J., Malagoli, C., Hatch, E. E., ... **Tsatsakis, A.** (2017). Pesticides, polychlorinated biphenyls and polycyclic aromatic hydrocarbons in cerebrospinal fluid of amyotrophic lateral sclerosis patients: a case-control study. *Environmental Research*, 155(February), 261–267. <http://doi.org/10.1016/j.envres.2017.02.025>
  4. Radu, I.-C., Hudita, A., Zaharia, C., Stanescu, P. O., Vasile, E., Iovu, H., Stan, M., Ginghina, O., Galateanu, B., Costache, M., Langguth, P., **Tsatsakis, A.**, Velonia, K., Negrei, C. (2017). Poly(HydroxyButyrate-co-HydroxyValerate) (PHBHV) Nanocarriers for Silymarin Release as Adjuvant Therapy in Colo-rectal Cancer. *Frontiers in Pharmacology*, 8, 508. <http://doi.org/10.3389/fphar.2017.00508>
  5. Vardavas, C. I., Girvalaki, C., Filippidis, F. T., Oder, M., Kistanje, R., de Vries, I., Scholtens, L., Annas, A., Plackova, S., Turk, R., Gruzdyte, L., Rato, F., Genser, D., Schiel, H., Balázs, A., Donohoe, E., Vardavas, A., Tzatzarakis, M.N., **Tsatsakis, A.M.**, Behrakis, P. K. (2017). Characteristics and outcomes of e-cigarette exposure incidents reported to 10 European Poison Centers: a retrospective data analysis. *Tobacco Induced Diseases*, 15(1), 36. <http://doi.org/10.1186/s12971-017-0141-z>
  6. Nezami, A., Nosrati, R., Golichenari, B., Rezaee, R., Chatzidakis, G. I., **Tsatsakis, A. M.**, & Karimi, G. (2017). Nanomaterial-based aptasensors and bioaffinity sensors for quantitative detection of 17 $\beta$ -estradiol. *TrAC - Trends in Analytical Chemistry*, 94, 95–105. <http://doi.org/10.1016/j.trac.2017.07.003>
  7. Sayapina, N. V., Batalova, T. A., Sergievich, A. A., Shtarberg, M. A., Borodin, E. A., Khoroshikh, P. P., Chaika, V. V., Kodintsev, V. V., Vedyagin, A. A., Mishakov, I. V., Vakis, A., Henrich-Noack, P., **Tsatsakis, A. M.**, Engin, A. B., Golokhvast, K. (2017). Oral application of carbon nanofibers in rats increases blood concentration of IL6 and IL10 and decreases locomotor activity. *Environmental Toxicology and Pharmacology*, 50, 183–191. <http://doi.org/10.1016/j.etap.2017.01.015>
  8. Wilsher, N. E., Arroo, R. R., Matsoukas, M. T., **Tsatsakis, A. M.**, Spandidos, D. A., & Androutsopoulos, V. P. (2017). Cytochrome P450 CYP1 metabolism of hydroxylated flavones and flavonols: Selective bioactivation of luteolin in breast cancer cells. *Food and Chemical Toxicology*, 110(October), 383–394. <http://doi.org/10.1016/j.fct.2017.10.051>
  9. Papadopoulou, A., Petrotos, K., Stagos, D., Gerasopoulos, K., Maimaris, A., Makris, H., Kafantaris, I., Makri, S., Kerasioti, E., Halabalaki, M., Brieades, V., Ntasi, G., Kokkas, S., Tzimas, P., Goulas, P., Zakharenko, A. M., Golokhvast, K.S., **Tsatsakis, A.**, Kouretas, D. (2017). Enhancement of Antioxidant Mechanisms and Reduction of Oxidative Stress in Chickens after the Administration of Drinking Water Enriched with Polyphenolic Powder from Olive Mill Waste Waters. *Oxidative Medicine and Cellular Longevity*, 2017. <http://doi.org/10.1155/2017/8273160>
  10. Caunii, A., Oprean, C., Cristea, M., Ivan, A., Danciu, C., Tatu, C., Paunescu, V., Marti, D., Tzanakakis, G., Spandidos, D. A., **Tsatsakis, A.**, Susan, R., Soica, C., Avram, S. (2017). Effects of ursolic and oleanolic on SK-MEL-2 melanoma cells: In vitro and in vivo assays. *International Journal of Oncology*, 51(6), 1651–1660. <http://doi.org/10.3892/ijo.2017.4160>
  11. Ungureanu, A., Zlatian, O., Mitroi, G., Drocaș, A., Țircă, T., Călina, D., Dehelean, C., Docea, A. O., Izotov, B. N., Rakitskii, V. N., Cioboata, R., Spandidos, D. A., **Tsatsakis, A. M.**, Găman, A. (2017). Staphylococcus aureus colonisation in patients from a primary regional hospital. *Molecular Medicine Reports*, 16(6), 8771–8780. <http://doi.org/10.3892/mmr.2017.7746>
  12. Blazaki, S., Tsika, C., Tzatzarakis, M., Naoumidi, E., **Tsatsakis, A.**, Tsatsanis, C., & Tsilimbaris, M. K. (2017). Pharmacokinetics and efficacy of intraocular flurbiprofen. *Graefes' Archive for Clinical and Experimental Ophthalmology*, 255(12), 2375–2380. <http://doi.org/10.1007/s00417-017-3812-9>
  13. Mytilinaiou, M., Nikitovic, D., Berdiaki, A., Papoutsidakis, A., Papachristou, D. J., **Tsatsakis, A.**, & Tzanakakis, G. N. (2017). IGF-I regulates HT1080 fibrosarcoma cell migration through a syndecan-2/Erk/ezrin signaling axis. *Experimental Cell Research*, 361(1), 9–18. <http://doi.org/10.1016/j.yexcr.2017.09.035>
  14. Nedelescu M, Baconi D, Neagoe A, Iordache V, Stan M, Constantinescu P, Ciobanu AM, Vardavas AI, Vinceti M, **Tsatsakis AM.** Environmental metal contamination and

- health impact assessment in two industrial regions of Romania. *Sci. Total Environ.* 2017; 580:984–995.
15. Zakharenko, A. M., Engin, A. B., Chernyshev, V. V., Chaika, V. V., Ugay, S. M., Rezaee, R., Karimi, G., Drozd, V. A., Nikitina, A. V., Solomennik, S. F., Kudryavkina, O. R., Xin, L., Wenpeng, Y., Tzatzarakis, M., **Tsatsakis**, A. M. Golokhvast, K. S. (2017). Basophil mediated pro-allergic inflammation in vehicle-emitted particles exposure. *Environmental Research*, 152, 308–314. <http://doi.org/10.1016/j.envres.2016.10.031>
  16. Spanidis Y., Priftis A., Stagos D. Stravodimos GA, Leonidas DD, Spandidos DA, **Tsatsakis** AM, Kouretas D. Oxidation of human serum albumin exhibits inter-individual variability after an ultra-marathon mountain race, *Experimental and Therapeutic Medicine* 2017; 13(5) 2382–2390.
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  19. Ungurianu A, Margină D, Grădinaru D, Băcanu C, Ilie M, Tsitsimpikou C, Tsarouhas K, Spandidos DA, **Tsatsakis** AM. Lipoprotein redox status evaluation as a marker of cardiovascular disease risk in patients with inflammatory disease. *Mol. Med. Rep.* 2017; 15:256–262
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  26. Tzatzarakis MN, Karzi V, Vakonaki E, Goumenou M, Kavvalakis M, Stivaktakis P, Tsitsimpikou C, Tsakiris I, Rizos AK, **Tsatsakis** AM. Bisphenol A in soft drinks and canned foods and data evaluation. *Food Addit. Contam. Part B* 2016; 10 (2) :85–90.
  27. Sayapina NV, Batalova TA, Sergievich AA, Shtarberg MA, Borodin EA, Khoroshikh PP, Chaika VV, Kodintsev VV, Vedyagin AA, Mishakov IV, Vakis A, Henrich-Noack P, **Tsatsakis** AM, Engin AB, Golokhvast K. Oral application of carbon nanofibers in rats increases blood concentration of IL6 and IL10 and decreases locomotor activity. *Environ. Toxicol. Pharmacol.* 2017; 50:183–191.
  28. Vinceti M, Violi F, Tzatzarakis M, Mandrioli J, Malagoli C, Hatch EE, Fini N, Fasano A, Rakitskii VN, Kalantzi OI, **Tsatsakis** AM. Pesticides, polychlorinated biphenyls and polycyclic aromatic hydrocarbons in cerebrospinal fluid of amyotrophic lateral sclerosis patients: a case-control study. *Environ. Res.* 2017; 155:261–267.

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30. Tzatzarakis MN, Vakonaki E, Moti S, Alegakis A, Tsitsimpikou C, Tsakiris I, Goumenou M, Nosyrev AE, Rizos AK, **Tsatsakis AM**. Quantification of 4-Methylimidazole in soft drinks, sauces and vinegars of Greek market using two liquid chromatography techniques. *Food Chem. Toxicol.* 2017 (in press).
31. Tsarouhas A, Soufla G, Tsarouhas K, Katonis P, Pasku D, Vakis A, **Tsatsakis AM**, Spandidos DA. Molecular profile of major growth factors in lumbar intervertebral disc herniation: Correlation with patient clinical and epidemiological characteristics. *Mol. Med. Rep.* 2017; 11:2659–2663.
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35. Călina D, Docea A, Rosu L, Zlatian O, Rosu A, Anghelina F, Rogoveanu O, Arsene AL, Nicolae AC, Drăgoi CM, Tsiaoussis J, **Tsatsakis AM**, Spandidos DA, Drakoulis N, Gofita E. Antimicrobial resistance development following surgical site infections. *Mol. Med. Rep.* 2016; 15:681–688.
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38. **Tsatsakis AM**, Docea AO, Tsitsimpikou C. New challenges in risk assessment of chemicals when simulating real exposure scenarios; simultaneous multi-chemicals' low dose exposure. *Food Chem Toxicol.* 2016; 96:174-6.
39. Negrei C, Hudita A, Gingham O, Galateanu B, Voicu SN, Stan M, Costache M, Fenga C, Drakoulis N, **Tsatsakis AM**. Colon Cancer Cells Gene Expression Signature As Response to 5- Fluorouracil, Oxaliplatin, and Folinic Acid Treatment. *Front Pharmacol.* 2016; 7:172.
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  44. Kavvalakis MP, **Tsatsakis** AM. The atlas of dialkylphosphates; assessment of cumulative human organophosphorus pesticides' exposure. *Forensic Sci Int.* 2012 May 10;218(1-3):111-22. Review.
  45. Appenzeller BMR, **Tsatsakis** AM. Hair analysis for biomonitoring of environmental and occupational exposure to organic pollutants: State of the art, critical review and future needs. *Toxicology letters.* 2012 Apr 25;210(2):119-40. Review.
  46. Veskoukis AS, **Tsatsakis** AM, Kouretas D. Dietary oxidative stress and antioxidant defense with an emphasis on plant extract administration. *Cell Stress Chaperones.* 2012 Jan;17(1):11-21 Review.
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  52. Androutsopoulos VP, **Tsatsakis** AM, Spandidos DA. Cytochrome P450 CYP1A1: wider roles in cancer progression and prevention. Review *BMC CANCER* 2009, 16;9:187.
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  54. Papanikolaou NC, Hatzidaki EG, Belivanis S, Tzanakakis GN, **Tsatsakis** AM. Lead toxicity update. A brief review. *Medical Science Monitor* 2005 Oct;11(10):RA329-336.
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  56. Shtilman MI, Tzatzarakis M, Lotter MM, **Tsatsakis** AM. Polymeric fungicides: A review. *Polymer science. Series B* 41 (7-8), 243-254
  57. Christakis-Hampsas M, Tutudakis M, **Tsatsakis** AM, Assithianakis P, Alegakis A, Katonis PG, Michalodimitrakis ENI. Acute poisonings and sudden deaths in Crete: A five-year review (1991-1996). *Veterinary And Human Toxicology* 1998, 40 (4): 228-230.
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  59. Michalodimitrakis MN, **Tsatsakis** AM, Christakis Hampsas MG, Trikilis N, Christodoulou P. Death following intentional methyl bromide poisoning: Toxicological data and literature review. *Veterinary And Human Toxicology* 1997, 39 (1): 30-34.
  60. Bouros D, Agouridakis P, **Tsatsakis** AM, Askitopoulou E, Siafakas NM. Orthodeoxia and platypnoea after acute organophosphorus poisoning reversed by cpap - a newly

described cause and review of the literature. *Respiratory Medicine* 1995, 89 (9): 625-628

#### **Attendance at National and International Meetings**

##### **National (Greek) Meetings**

1. 1st Panhellenic Congress of Toxicology and Forensic Science, Thessaloniki, 1998.
2. 2nd Panhellenic Congress of Toxicology and Forensic Science. Piraeus 24-26 November 2000.
3. 3rd Panhellenic Congress of Toxicology and Forensic Science. Candia Maris Hotel, Heraklion, Crete, 6 – 10 November 2002
4. 4th Panhellenic Congress of Toxicology and Forensic Science, Athens, September 23-25 2005
5. 5th Panhellenic Congress of Toxicology and Forensic Science, Kastoria, September 28-29 2007
6. 6th Panhellenic Congress of Toxicology and Forensic Science, Filoxenia hotel, Kalamata, 4-6 December 2009
7. 3<sup>th</sup> Hellenic congress of public health and social medicine. Royal Olympic, Athens, 30 Nov-2 Dec, 2012
8. 5th World Congress on Advance in Oncology and 3rd International Symposium on Molecular Medicine, Crete, Greece, October 19-21, 2000.
9. 9th Panhellenic Congress «Youth people and Drugs» Medical School, University of Crete, Heraklion, Crete.
10. 11th Panhellenic Congress of Obstetrics and Gynecology. Hilton, Athens, May 28-31 2009
11. 18th Panhellenic Congress of Greek Society of Pediatrics and Health Promotion, "Child, Health and Culture", 28 Sept –1 October 2006, Crete, Heraklion, Greece.
12. 44th Panhellenic Paediatric Congress, Rhodes, Rodos Palace, June 9-11 2006.
13. 1st Panhellenic Congress of Medical Mycology, May 27-29 2005, Athens.
14. 2nd Congress of EPEAEK, ARCIMEDES, Athens, November 22-24 2006.
15. 6th Biomedical International Research Congress, Athens 2000.
16. 6th World Hellenic Biomedical Congress, Athens 12-14 October 2000.
17. 10th Pancretan Medical Congress, 9-12 November 2000, Medical Society of Rethimno, Rethimnon
18. 16th Panhellenic Congress on Lung Disease, Athens, December 2007.
19. 16<sup>th</sup> Panhellenic Entomological Congress, Aquila Atlantis Hotel, Heraklion, Crete, 20-23 October, 2015.
20. 42<sup>nd</sup> Annual Panhellenic Congress, 11-14 May 2016, Athens, Divani Caravel Hotel, 2016.

##### **International Meetings**

1. 2<sup>nd</sup> Romanian Toxicology Conference, 2 November 2017, Buharest, Romania.
2. 70 years Institute of Neurobiology Bulgarian Academy of Sciences. Scientific Conference with International Participation, 30 November-1 December 2017, Sofia, Bulgaria.
3. Psychopharmacology Conference, 18-21 May, 2017, Bucharest.
4. International Workshop "Biotechnology of new materials and the environment. International conference including school of young scientists, 10-14 October, 2016, Kpachorpck, Russia.
5. International conference «Hygiene, toxicology, professional pathology: traditions and modernity», dedicated to 125 anniversary of the Federal Scientific Centre of Hygiene named after F.F. Erisman., November 9-10, 2016, Moscow.
6. 18th Meeting of the Society of Hair Testing, Geneva, Swiss, 28 - 30 August, 2013
7. 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications, 15-19 September 2013, Thessaloniki, Greece
8. Annual Conference of the Canadian Society of Exercise Physiology. November 9-12 2005, Gatineau, Quebec, Canada.
9. International Conference, Instrumental Methods of Analysis Modern Trends and Applications, IMA, 2-6 October 2005, Hersonissos, Heraklion, Crete.

10. FBI Laboratory Symposium on Forensic Toxicology and Joint Meeting of the Society of Forensic Toxicologists (SOFT) & The International Association of Forensic Toxicologists (TIAFT), Washington, District of Columbia, United States of America, August 28–September 3, 2004.
11. IXth International Symposium on Biomedical Science and Technology, 19-22 Sept 2002, Kemer, Antalya, Turkey
12. International Conference on Rural Health in Mediterranean and Balkan Countries, Bari, Italy, November 13-16 2002
13. XIVth World Congress of Pharmacology. San Francisco, California, USA, July 6-12 2002.
14. Conference «Condensed polymers: Synthesis, structure, properties», Jan 12-14, Moscow, 1999
15. Erisman Conference on Hygiene and Preventive Medicine and Toxicology, 9-10 November, 2016, Moscow, Russia.
16. Medical Research Center Ekaterinburg, International Nanotechnology Conference, 21 October, 2016, Russia.
17. Pesticides Symposium IUTOX, XIV International Congress of Toxicology in conjunction with the X Mexican Congress of Toxicology, Merida, 2-6 October, 2016, Mexico.
18. International Conference on Rural Health, Department of Occupational Health of the University of Milan, San Paolo Hospital, April 2008, Milan, Italy.
19. NATO Advanced Research Workshop, “Counteraction of Chemical and Biological Terrorism at a National and Local Level in Europe”, 14-17 October, 2008, Dnepropetrovsk, Ukraine.
20. (IAAMH) International Conference of the Internal Association of Agriculture Medicine and Rural Health in Mediterranean and Balkan Countries, 13-16 November, 2002, Bari, Italy.
21. XII International Congress of Toxicology, (IUTOX-2010), 11 - 15 July, 2010, Barcelona, Spain.
22. International Congress of Toxicology IX (ICT XI) IUTOX, 15-19 July, 2007, Montreal, Canada.
23. International Congress on Radiology Oncology, 20-23 November, 2003, Kochi, Kerala, India.
24. International Toxicology Workshop in ECOHYNTOX, 17-18, December, 2016, Kiev, Ukraine.
25. 1<sup>st</sup> International Congress and Workshop of Forensic Toxicology, (FORETOX 2014), 29-30 November, 2014, Ankara, Turkey.
26. International Occupational and Environmental Diseases Congress, 27-29, March, 2017, Antalya, Turkey.
27. 3<sup>rd</sup> International Symposium on Green Chemistry for Environment, Health and Development, October 3-5, 2012, Skiathos island, Greece
28. 1st Russian – Hellenic Symposium on Polymeric Biomaterials and Bionanomaterials: Recent Advances Safety and Toxicology Issues, Heraklion, Crete, 3-9 May, 2010 Greece.
29. 2<sup>nd</sup> Russian – Hellenic Symposium with International Participation and Young Scientist’s School, (BIONANOTOX 2011), 5-12 May, 2011, Crete, Greece.
30. 3<sup>rd</sup> Russian-Hellenic Symposium. Biomaterials and Bionanomaterials: Recent Problems and Safety Issues. Heraklio, Agapi Beach, May 6-13, 2012, Crete, Greece.
31. 4<sup>th</sup> Russian-Hellenic Symposium. Biomaterials and Bionanomaterials: Recent Problems and Safety Issues. Heraklio, Agapi Beach, May 5-12, 2013, Crete, Greece.
32. 5<sup>th</sup> Russian-Hellenic Symposium. Biomaterials and Bionanomaterials: Recent Problems and Safety Issues. Heraklio, Agapi Beach, May 4-11, 2014, Crete, Greece.
33. 6th Russian –Hellenic Symposium. “Biomaterials and nanobiomaterials: recent Advances safety-Toxicology and ecology issues”. 3-10 May, 2015, Heraklion, Crete, Greece.
34. 7<sup>th</sup> International Conference Biomaterials and nanobiomaterials. Recent advances Safety-Toxicology and Ecology Issues, BIONANOTOX 2016, 8-15 May, 2016, Crete, Greece.
35. 8<sup>th</sup> International Conference “Biomaterials and Nanomaterials: Recent Advances

- Safety-Toxicology and Ecology Issues” (BIONANOTOX 2017), Heraklion, Crete, Greece, 7-14 May
36. 3<sup>rd</sup> International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference. June 19-24, Skiathos, Greece, 2011.
  37. 3<sup>rd</sup> international Congress on Rural Health in Mediterranean and Balkan Countries, 22-25 September, Tirana, Albania, 2010
  38. 3<sup>rd</sup> European Academy of Forensic Science Triennial Meeting, September 22-27 2003, Istanbul, Turkey
  39. 7<sup>th</sup> CTDC, Congress Of Toxicology In Developing Countries, 6-10 September, 2009, Sun City, South Africa.
  40. 4th National Congress of Clinical Toxicology with International participation and Annual Meeting of Bulgarian Toxicological Society, 7-8 November 2013, Sofia, Bulgaria
  41. 4<sup>th</sup> Congress of Toxicology CTOX-DC, Nov 1999, Antalya, Turkey.
  42. 5th International Congress of Turkish Society of Toxicology (CTOX), 30 October-2 November 2003, Antalya, Turkey
  43. 8<sup>th</sup> World Congress on Toxicology and Pharmacology, 13-15, April, 2017 Dubai, UAE.
  44. The 7th Athens Congress on Women’s Health and Disease. September 11-13, 2008, Athens, Greece.
  45. 8th International Symposium on Biology Monitoring in Occupational and Environmental Health (ISBM 2010), Hanasaari, Espoo, Finland, 6-8 September 2010.
  46. 5th World Congress on Advance in Oncology and 3rd International Symposium on Molecular Medicine, Hersonissos, Crete, Greece, 19-21 October 2000.
  47. 5<sup>th</sup> World Congress on Advance in Oncology and 3rd International Symposium on Molecular Medicine, 19-21 October, 2000, Crete, Greece.
  48. 9th Congress of the Turkish Society of Toxicology with the participation of the Hellenic Society of Toxicology, October 21-24, 2015, Cesme Altin Yunus hotel, Izmir, Turkey.
  49. 9<sup>th</sup> Congress of the Turkish Society of Toxicology with the Hellenic Society of Toxicology (TURKHELTOX 2015), 21-24 October, 2015, Izmir, Turkey.
  50. 10th World Congress in Fetal Medicine, Hilton Malta Hotel, Portomaso St Julians, 26th-30th June. 2011, Malta.
  51. 11th Conference of the International Society for the Prevention of Tobacco Induced Diseases. December 9-11, Athens, Greece.
  52. 11<sup>th</sup> Serbian Congress of Toxicology, New Frontiers and Challenges in Toxicology, SremskiKarlovcji, 24-27 June, 2014, Serbia
  53. Biotechnology Conference in Siberian Federal University, 13 October, 2016, Krasnoyarsk, Russia.
  54. 13<sup>th</sup> Iranian International Congress of Toxicology, Urmia University, 12-14 May, 2015, Urmia, Iran.
  55. 14th international symposium on advances in extraction technologies. September 24-26, 2012, Messina, Italy.
  56. 14th European Congress of Clinical Microbiology and Infectious Diseases. Prague, Czech, May 1-4 2004.
  57. 15<sup>th</sup> Congress of the International Association of Forensic Sciences (IAFS), August 1999, LA, California, USA.
  58. 17th Panhellenic congress Greek Association of Perinatal Medicine, Athens 1-3 November 2013.
  59. International Congress for Rural Health, 22 November, 2007, Milan, Italy.
  60. 27th International Symposium on Controlled Release of Bioactive Materials and the third Consume and Diversified Products Conference, Paris, France 2000
  61. 31st international symposium on chromatography, University College Cork, Cork, Ireland, 28th August-1st Sept, 2016.
  62. 18th European Respiratory Society Annual Congress, September 15-19, 2007, Stockholm, Sweden.
  63. 34th Intern. Congress on Forensic Toxicology (TIAFT), Interaken, Switzerland 1996

64. 35rd International Congress on Forensic Toxicology, ed Tedeschi L (TIAFT), Padova, 1997
65. F.F. Erisman Federal Research Center for Hygiene, 15 December, 2014, Moscow, Russia.
66. 36th International Symposium on Capillary Chromatography, Riva del Garda, Italy 27 May -1 June 2012.
67. 46th Annual Meeting and ToxExpo, Charlotte, North Carolina, USA, March 25-29, 2007.
68. 42nd congress of European Societies of Toxicology (Eurotox 2005), Krakow, Poland, 11-14 September 2005.
69. 43rd Congress of The European Societies of Toxicology (EUROTOX 2006) and 6th Congress of Toxicology in Developing Counties (6th CTDC), September 20-24 2006, Dubrovnik, Croatia.
70. 44th Congress of the European Societies of Toxicology (EUROTOX 2007), Amsterdam, the Netherlands, 7-10 October 2007.
71. 45th Congress of the European Societies of Toxicology (EUROTOX 2008), Rhodos, Greece, 5-8 October 2008.
72. 46th Congress of the European Societies of Toxicology (EUROTOX 2009) September 13-16, 2009, Dresden, Germany.
73. 47th Congress of the European Societies of Toxicology (EUROTOX2011) August 28-31, 2011, Porte Maillot, Paris, France.
74. 48th Congress of the European Societies of Toxicology (EUROTOX 2012) June 17-20, 2012, Stockholm, Sweden.
75. 49th Congress of the European Societies of Toxicology (EUROTOX 2013) September 1-4, 2013, Switzerland, Interlanken.
76. 50th Congress of The European Societies of Toxicology (EUROTOX 2014), 7-10 September, 2014, Edinburgh, United Kingdom.
77. 51st Congress of the European Societies of Toxicology (EUROTOX 2015), 13-16 September 2015, Porto, Portugal.
78. 52<sup>nd</sup> Congress of the European Societies of Toxicology (EUROTOX 2016), Seville, Spain, 4 September, 2016.
79. 53<sup>rd</sup> Congress of the European Societies of Toxicology (EUROTOX 2017), Bratislava, Slovak, 10-13 September, 2017.
80. 10th International Congress of Toxicology (ICTX), 11-15, July 2004, Tampere, Finland.
81. Intern. Symp. Control. Rel. Bioact. Mater., 1996, Tokyo, Japan
82. ASM, San Juan, Puerto Rico, October 2-6 2001
83. ICAAC, Toronto, September 17-20 2000
84. 2nd Congress, Society of hair testing, Martigny, Swiss 1999
85. International Congress of Toxicology, July 15-19, 2007, Montreal, Canada.
86. 6th World Hellenic Biomedical Congress, Athens 12-14 October 2000
87. 6th Biomedical International Research Congress, Athens 2000
88. Chest, October 20-25, Atlanta, Gerorgia, USA, 2012
89. European Respiratory Society, Annual Congress 2011, 24-28 September, Netherland.
90. WONCA Europe Conference. July 4-7, Vienna, Austria, 2012
91. ECO 2009 Pre-Congress Meeting, Health behaviour and status in European adolescents: The HELENA Project (Healthy Lifestyle in Europe by Nutrition In Adolescence), Amsterdam, The Netherlands, May 6th, 2009.
92. XI World Congress of Perinatal Medicine. 19-22 of June 2013, Moscow, Russia
93. XII International Congress of Toxicology (IUTOX 2010), Spain, Barcelona, 19-23 July, 2010.
94. European Conference on Tobacco or Health, March 2014, Istanbul, Turkey.
95. BIOTECH Congress, 20-22, February, 2017, Moscow, Russia.
96. European respiratory Society, International Congress (ERS) 2017, Milan 9-13 September, Italy.
97. 16th SoHT annual meeting, 2011, 21-26 March, Chamonix, Mont Blanc.
98. 1<sup>st</sup> Romanian Congress of Toxicology, 17 October, 2015, Bucharest, Romania.
99. 6<sup>th</sup> China Medical Biotech Forum, 25 March, 2013, Shenzhen, China.

- 100.ATS, Orlando, 100th International Conference 2004.
- 101.EUROTOX 2006 joined CTD Congress of Toxicology, September, 2006, Cavtat, Croatia.
- 102.ARVO's 2011 Annual Meeting, May 1-5, 2011, Fort Lauderdale, Florida.
- 103.ARVO 2017 Annual Meeting, Baltimore, May 7-11, USA, 2017.
- 104.Primavara Dermatological eseana 2017, 29 March - 2 April, 2017, Iasi, Romania.
- 105.2<sup>nd</sup> FORETOX 2016, 27 May, 2016, Ankara, Turkey.

#### Posters in National and International

#### National (Greek) Meetings

1. Petrakis D, Spanakis G, Tzatzarakis E, **Tsatsakis** A. Mechanism's effect and increased morbidity from long term exposure to low doses of pesticides. 42nd Annual Panhellenic Congress, 11-14 May, Athens, Divani Caravel Hotel, 2016.
2. Petrakis D, Spanakis G, Tzatzarakis M, **Tsatsakis** A. The wide use of pesticides and the health problems from exposure to organophosphorus substances and pyrethrins. 16th Panhellenic Entomological Congress, Aquila Atlantis Hotel, Heraklion, Crete, 20-23 October, 2015.
3. Koureas M, Tsakalof A, Tzatzarakis M, Vakonaki E, **Tsatsakis** A, Xatzichristodoulou Ch. Biomarkers of organophosphate pesticides in population groups of Thessaly and correlation with occupational practices. 3th Hellenic congress of public health and social medicine. Royal Olympic, Athens, 30 Nov-2 Dec, 2012, EA 17, page 22
4. Tutudakis M, Germanakis I, Mpriasoulis G, Tzatzarakis M, Aleggkakis AK, Christaki-Hampas M, **Tsatsakis** AM. Setting of persistent supraventricular arrhythmia of an infant by measuring prothrombin plasma levels. 6th Panhellenic Congress of Toxicology and Forensic Science, Filoxenia hotel, Kalamata, 4-6 December 2009 P13.
5. Tzatzarakis M, Vardavas C, Terzi I, Kavvalakis M, Tutudaki M, Giannakoudakis C, **Tsatsakis** AM. Evaluation of infant's exposure to passive smoking. 6th Panhellenic Congress of Toxicology and Forensic Science, Filoxenia hotel, Kalamata, 4-6 December 2009.
6. Tzatzarakis M, Koutroulakis D, Sifakis S, Kavvalakis M, Tutudaki M, Matalliotakis I, **Tsatsakis** A. Monitoring of exposure of pregnant women and fetuses to organophosphate pesticides in the region of Crete. 6th Panhellenic Congress of Toxicology and Forensic Science, Filoxenia hotel, Kalamata, 4-6 December 2009.
7. Vardavas K, Tzatzarakis E, Plada M, **Tsatsakis** A, Papadaki A, Saris WH, Moreno L, Kafatos A. Cotinine as biomarker for the evaluation and assessment of smoking habits of Greek adolescents. 6th Panhellenic Congress of Toxicology and Forensic Science, Filoxenia hotel, Kalamata, 4-6 December 2009 P10.
8. Koutroulakis D, Tzatzarakis M, Sifakis S, Koukoura A, Siggelaki A, kavalakis M, Giannakoudakis K, Matalliotakis I, **Tsatsakis** A. Levels of non specific metabolites of organophosphate metabolites in amniotic fluid of pregnant women in region of Crete. 11th Panhellenic Congress of Obstetrics and Gynecology. Hilton, Athens, May 28-31 2009.
9. Saroglou M, Trifon S, Papalois A, Liapakis I, Tzatzarakis M, **Tsatsakis** A, Bouros D. Concentration levels of ertapenem in an experimental model. 16th Panhellenic Congress on Lung Disease, Athens, December 2007.
10. Tutudaki M, Tzatzarakis M, Margariti M, **Tsatsakis** A. Detection of organophosphate pesticides in poisoned eagle. 5th Panhellenic Congress of Toxicology and Forensic Science, kastoria, September 28-29 2007.
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