

Personal information

First name / Surname	Aristidis Michael Tsatsakis
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 Athina Galioudaki <i>president court of first instance</i> , a daughter and three sons



Title **Full Professor of Toxicology**

Education Titles

2006	D.Sc.: Biology Toxicology, Modern Toxicological and Modificational Aspects of Xenobiotics, Russian Academy of Science.
1986	PhD: Organic Chemistry, Mendeleev University, Moscow. <i>Thesis:</i> Synthesis and reactivity studies in the series of mercaptomethyl carboxy and methoxy carboxy derivatives of naphthalene. Advisor: Lisitsyn VN
1982	MSc: Chemistry, Mendeleev University, Moscow. <i>Thesis:</i> Chemical transformations and bioactivity of 2,7- and 2,6- naphthalene thio(oxy)acetic acids. Advisor: Lisitsyn VN.
1980	BSc: Chem. Engineering, Mendeleev University of Chemistry, Moscow.

Honorable Titles

2023	Honorary Member, Romanian Society of Toxicology
2021	Higly Cited Researcher 2021, Clarivate Analytica – Web of Science
2020	Higly Cited Researcher 2020, Clarivate Analytica – Web of Science
2019	Honorary Member of Slocak Society of Toxicology (SETOX)
2018	Full Member of The World Academy of Sciences (FMWAS)
2018	Fellow of the Academy of Toxicological Sciences (ATS)
2018	Honorary President, European Institute of Nutritional Medicine (E.I.Nu.M.)
2018	Honorary Member, Federation of European Toxicologists & European Societies of Toxicology (EUROTOX)
2017	Honorary Member, Bulgarian Toxicology Society
2017	Honorary Doctor Causa, Carol Davila University of Medicine and Pharmacy in Bucharest
2017	Honorary Doctor Causa, Federal Far East University, 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
2014-2016	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 Mendeleyev
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 Mendeleyev University
1986 - 1989	Adjunct Assistant Professor Department of Chemistry, University of Crete
1987 - 1990	Post-doctoral Fellow Macromolecular Chemistry, Mendeleyev University

Scientific Distinctions - Awards

- Diploma with Distinction (Excellency), Mendeleyev University (1982).
- European Science Foundation Fellowships in Toxicology, (1993, 1994)
- Gold Metal, Eminent Scientist, Int. Research Promotion Council (IRPC) (2001)
- Executive and Nomination Committee member, EUROTOX (2004-2012)
- Advisor Int Program Chemical Safety (IPCS), WHO (2002)
- Merit Award BIONANOTOX Symposiums (2016)
- Award of Excellence, MED Solutions, International group (2016).
- Foreign Member of the National Russian Academy of Science, Academician RAS (2016)
- Emeritus President Hellenic Society of Toxicology (2017)
- Merit Award Greek Ministry of Agriculture (2017)
- Highly Cited Researcher 2020, Clarivate Analytica – Web of Science (2020)
- Commemorative medal “130 years of the Federal Scientific Center of Hygiene named after F.F.Erisman” (2021)
- Highly Cited Researcher 2021, Clarivate Analytics – Web of Science (2021)
- EUROTOX Merit Award 2022
- Member of Academia Europaea (2023)

Research Interests

- Development of analytical methods for testing of drugs and xenobiotics.
- Human biomonitoring, monitoring and biomonitoring of xenobiotics in the ecosystem
- Chronic exposure to xenobiotics and impact on human health and linking to diseases.
- Development of macromolecular and nano systems for targeting and reducing toxicity of drugs.

- Telomeres length, chronic diseases and aging. Focus on biomarkers and modulation of telomerase.
- Forensic and clinical issues of anabolic and drugs of abuse.
- Nanomedicine - Nanotoxicology

Honorable Posts

2016	Elected Foreign Member of the National Russian Academy of Science, Academician RAS
2016 – 2018	Chairman of Nomination Committee EUROTOX
2014 -2016	President of Federation of European Toxicologists & European Societies of Toxicology (EUROTOX)
2013	President of the Eurotox Toxicology Advanced Course, Volos, Greece
2012 - Now	Scientific Director and Founder of the ToxPlus – Spin Off company (www.toxplus.gr)
2012	President Elect EUROTOX
2010 - 2018	President of eight International Symposiums BIONANOTOX
2010	President of the Eurotox Toxicology Basic Course, Crete, Greece
2010	Member of Executive Board IAAMRH (Int Ass Agr Med Rural Health)
2008 – 2012	Member of Executive Committee of EUROTOX
2008 - Now	Chairman of the Hellenic ERT-HST national Registry
2008	Chairman of the Communication Committee of EUROTOX
2006	Consortium NANOTOX Cluster Project Member
2003-2008	Member of Nomination Committee EUROTOX
2003	President of the International Hair Testing Society Meeting in Crete
2001 - Now	Director of Toxicology and the Forensic Science Department. School of Medicine, University of Crete and University General Hospital
2001 - 2016	President of the Hellenic Society of Toxicology
2000 - 2004	Advisor for National Authority of Drugs (Greek FDA)
1997 - 2001	General Secretary of Greek Society of Toxicology

Editorial Positions

- Editor in Chief Toxicology Reports (2017-2021), *Elsevier*
- Editor of Food Chemical Toxicology (FCT) (2013-2021), *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*

Selected Sources of Funding (20 out of 50):

1. 1999-2000 Pesticides Immunoassays Development for Monitoring Environmental Pollution. Antigen-Antibody Interaction Investigation. NATO, Division Life Science and Technology, SA, LST.CNS. 976324.
2. 2000-2001 Computer Net Working Supplement (Immunoassays for Residual Pesticides). NATO Linkage Grant, Life Sciences, LST.CLG 975077.
3. 2001 PCBs in Hair by GC-MS. Bilateral, Socrates Program EC, Universities of Crete and Answers.
4. 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).
5. 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.
6. 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.

7. 2002-2003 Organization of the 3rd Panhellenic Congress of Forensic Sciences and Toxicology. Ministry of Culture, University of Crete Funds for Research, KA 1628.
8. 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.
9. 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.
10. 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.
11. 2005-2007 New polymeric bio-materials as carriers of anti-fungal drugs O.P. Competitiveness, P.K. SARG KA 2144.
12. 2005-2007 Environmental and populational charge due to pesticide exposure and their effects on public health. Heraklion prefecture, P.K. SARG KA 2197.
13. 2007-2009 Nanotox National Participation, P.K. SARG KA 2219. General Secretariat for Research and Technology. K.A. 2476.
14. 2010-2013 Risk assessment of nanomaterials and other toxic substances. BionanotoxConference KA 3149.
15. 2011-2013 Product and material certifications for residual toxic substances. Private Funding and IIBEAAKA 3392.
16. 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.
17. 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.
18. 2014-2017 Toxicological tests in biological samples from patients for diagnosis and treatment. Private Funding KA 3962.
19. 2014-2017 Nanoparticles for Brain Use, Diagnostic and Ophthalmological Applications (NABUCO) ERANET RUS PLUS #69.
20. 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).

**Supervisor of PhD Candidates
(15 out of 31)**

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).
1. Psillakis Athanasios (2000)
Carbamazepine, phenytoin and valproic acid levels in the hair of patients under long-term treatment.
2. TzatzarakisManolis (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. TsakirisIoannis (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. KavvalakisMatthaios(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. TsakirakisAggelos (2015)
Determination of exposure of sprayers in pesticides during application in Greece. Development of database and reliable methods for risk prediction.
12. FragkiadakiPersefoni (2015)
Notch signaling pathways in preeclamptic complicated placentas.
13. Vasilaki Foteini (2016)
Determination of the toxic effects of nandrolone in the cardiovascular system of animals after long term exposure.
14. Vardavas Alexander (2018)
An in vivo study of the role of Cytochrome P450 and Aldehyde Oxidase on Imidacloprid andCypermethrin metabolism and related oxidative stress and DNA damage.
15. Ioanna Katsikantami (2020)
Development of biomarkers of exposure to phthalates and bisphenol A in pregnant women and neonates.

1. Keynote Lecture at TOXCON 2019 “Modern challenges in precision medicine: Real Life Risk Simulations (RLRS)-Biomarkers from metabolomics and telomeres’ research”, 26-28 June 2019, Vyhne, Slovakia.
2. “Challenges for risks assessments in 21st century: Simulation of real-life exposures to daily hazards”. Challenges for Risks Assessments in 21st Century: Simualtion of Real-Life Exposures to Daily Hazards, 6th International Conference on Industrial and Hazardous Waste Management, Keynote lecture, 4-7 September 2018, Chania, Crete
3. "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.
4. “Toxicology and Risk Analysis Challenges in 21 Century.” PrimavaraDermatologicaIeseana 2017, 29 March - 2 April, 2017, Iasi, Romania.
5. “Challenges for the integration of toxicology with epidemiology data in risk analysis.” International Occupational and Environmental Diseases Congress, 27-29, March, 2017, Antalya, Turkey.
6. “Challenges for biomonitoring – exposure assessment – toxicology and risk analysis in 21st Century.” BIOTECH World, 20-22, February, 2017, Moscow, Russia.
7. “New challenges for Toxicology and risk analysis in 21st Century.” International Toxicology Workshop in ECOHYNTOX, 17-18 December, 2016, Kiev, Ukraine.
8. “Challenges for risk analysis in real life exposures.” Erisman Conference on Hygiene and Preventive Medicine and Toxicology, 9-10 November, 2016, Moscow, Russia.
9. “Advances on biomonitoring for environmental and lifestyle pollutants.” Biotechnology Conference in Siberian Federal University, 12 October, 2016, Krasnoyarsk, Russia.
10. “Biomonitoring of pesticides exposure for linking to diseases: The current status, problems and future needs.” Pesticides Symposium IUTOX, XIV International Congress of Toxicologyin conjunction with the X Mexican Congress of Toxicology, Merida, 2-6 October, 2016, Mexico.
11. “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.
12. “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.
13. “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.
14. “Carbon nanotubes: Consequences of impurities on methabilic pathways.” 7th International Conference Biomaterials and nanobiomaterials. Recent advances Safety-Toxicology and Ecology Issues,BIONANOTOX 2016, 8-15 May, 2016, Crete, Greece.
15. “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.
16. “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.
17. “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.
18. “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.
19. “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.
20. “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.
21. "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.
 22. "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.
 23. "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.
 24. "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.
 25. "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.
 26. "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.
 27. "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.
 28. "Toxicology of pesticides exposure – biomonitoring – exposure – chronic and acute health effects." EUROTOX Advanced Toxicology Course, 14-18 November, 2011, Kusadasi – Izmir, Turkey.
 29. "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.
 30. "Environmental Security for South-East Europe and Ukraine", NATO Advanced Research Workshop (ARW) 17-19 May, 2011, Dnepropetrovsk, Ukraine.
 31. "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.
 32. "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.
 33. "Toxic Effects, biomonitoring and biomarkers of susceptibility for pesticides and drugs of abuse." EUROTOX–Basic Toxicology Course, 18-23 October, 2010, Crete, Greece.
 34. "Biomarkers of Genetic susceptibility for Pesticides." XII International Congress of Toxicology, (IUTOX-2010), CEC Lecture, 11 - 15 July, 2010, Barcelona, Spain.
 35. "Biomarkers and Biological Monitoring." Plenary Lecture In: Program 7th CTDC, Congress of Toxicology in Developing Countries, 6-10 September, 2009, Sun City, South Africa.
 36. "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.
 37. "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.
 38. "Advances on Pesticides Biomonitoring." International Congress on Rural Health, Keynote Lecture, 13-16 October, 2009, Cartagena, Colombia.
 39. "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.

40. "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.
41. "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.
42. "Modern Trends and Analytical methods in Toxicology." Invited CEC Lecture. D. Mendelejev University of Chemical Technology of Russia, Jan 2007, Moscow.
43. "Presentation of scientific and organization issues of EUROTOX 2008." International Congress of Toxicology IX (ICT XI) IUTOX, 15-19 July, 2007, Montreal, Canada.
44. "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.
45. "Biomonitoring for drugs abuse using unconventional samples." 45th Congress of Association of European Societies of Toxicology, (EUROTOX 2005), 11-14 September, 2005, Cracow, Poland.
46. "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.
47. "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.
48. "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.
49. "Analytical aspects of pesticide monitoring in biological samples." WHO/IPCS Poisons Information monographs (PIMs) working Group Invited Workshop Expert. Meeting of the INTOX programme/ pesticide project, 18-20 Dec 2002, Penang, Malaysia.
50. "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.
51. "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.
52. "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.
53. "Laboratory evaluation of toxicomania using sectional hair testing." 15th Congress of the International Association of Forensic Sciences (IAFS), August 1999, LA, California, USA.

**Selected Publications
in peer-reviewed journals
(76 out of 703)**

1. Calina D, Docea AO, Hernández AF, **Tsatsakis AM**, Mardare I. Editorial: Anthropogens, lifestyle and pathophysiology of chronic diseases: From mutual interplay to translational research and personalized medicine. *Front Med (Lausanne)*. 2022 Dec 23;9:1120066. doi: 10.3389/fmed.2022.1120066.
2. Fragkiadaki P, Renieri E, Kalliantasi K, Kouvidi E, Apalaki E, Vakonaki E, Mamoulakis C, Spandidos DA, **Tsatsakis A**. Telomerase inhibitors and activators in aging and cancer: A systematic review. *Mol Med Rep*. 2022; 25(5):158. doi: 10.3892/mmr.2022.12674.
3. Agathokleous E, Barceló D, Iavicoli I, **Tsatsakis A**, Calabrese EJ. Disinfectant-induced hormesis: An unknown environmental threat of the application of disinfectants to prevent SARS-CoV-2 infection during the COVID-19 pandemic? *Environ Pollut*. 2022; 292(Pt B):118429. doi: 10.1016/j.envpol.2021.118429.

4. **Tsatsakis A**, Vakonaki E, Tzatzarakis M, Flamourakis M, Nikolouzakis TK, Poulas K, Papazoglou G, Hatzidaki E, Papanikolaou NC, Drakoulis N, Iliaki E, Goulielmos GN, Kallionakis M, Lazopoulos G, Kteniadakis S, Alegkakis A, Farsalinos K, Spandidos DA. Immune response (IgG) following full inoculation with BNT162b2 COVID-19 mRNA among healthcare professionals. *Int J Mol Med*. 2021; 48(5): 200. doi: 10.3892/ijmm.2021.5033.
5. Hernández AF, Calina D, Poulas K, Docea AO, **Tsatsakis AM**. Safety of COVID 19 vaccines administered in the EU: Should we be concerned? *Toxicol Rep*. 2021; 8:871-879. doi: 10.1016/j.toxrep.2021.04.003. Epub 2021 Apr 20.
6. Calina D, Hartung T, Mardare I, Mitroi M, Poulas K, **Tsatsakis A**, Rogoveanu I, Docea AO. COVID-19 pandemic and alcohol consumption: Impacts and interconnections. *Toxicol Rep*. 2021; 8:529-535. doi: 10.1016/j.toxrep.2021.03.005. Epub 2021 Mar 10.
7. Kostoff RN, Briggs MB, Porter AL, Hernandez AF, Abdollahi M, Aschner M, **Tsatsakis A**. [Editorial] COVID 19: Post-lockdown guidelines. *Food and Chemical Toxicology*. 2020; 111687.
8. Nikolouzakis TK, Falzone L, Lasithiotakis K, Krüger-Krasagakis S, Kalogeraki A, Sifaki M, Spandidos DA, Chrysos E, **Tsatsakis A**, Tsiaoussis J. Current and Future Trends in Molecular Biomarkers for Diagnostic, Prognostic, and Predictive Purposes in Non-Melanoma Skin Cancer. *Journal of Clinical Medicine*. 2020; 9(9):2868.
9. Lima M, Siokas V, Aloizou AM, Liampas I, Mentis AFA, Tsouris Z, Papadimitriou A, Mitsias P, **Tsatsakis A**, Bogdanos DP, Baloyannis SJ, Dardiotis E. Unraveling the Possible Routes of SARS-COV-2 Invasion into the Central Nervous System. *Current Treatments Options in Neurology*. 2020; 22(11).
10. Tsatsakis A, Petrakis D, Nikolouzakis TK, Docea AO, Clina D, Vinceti M, Goumenou M, Kostoff RN, Mamoulakis C, Aschner M, Hernandez AF. COVID-19, an opportunity to reevaluate the correlation between long-term effects of anthropogenic pollutants on viral epidemic/pandemic events and prevalence. *Food and Chemical Toxicology*. 2020.
11. Calabrese EJ, Calabrese V, **Tsatsakis A**, Giordano JJ. HORMESIS AND GINKGO BILOBA (GB): Numerous Biological Effects of GB are Mediated via Hormesis. *Ageing Research Reviews*. 2020; 101019. – IF 10.390
12. Hernández AF, Docea AO, Goumenou M, Sarigiannis D, Aschner M, **Tsatsakis A**. Application of novel technologies and mechanistic data for risk assessment under the real-life risk simulation (RLRS) approach. *Food and Chemical Toxicology*. 2020; 137. – IF 3.775
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