

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)
Work Address(es)
Telephone(s)
E-mail
Nationality
Date of birth
Marital Status

Assistant Professor Ioannis N. Tsakiris

Terma Kontopoulou, 53100, Florina
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itsakiris@uowm.gr

Greek

1973

Married, two children 14 and 10 years old.

Title

Assistant Professor of Agricultural Products Quality and Food Toxicology

Work experience

Dates
Occupation or position held

2013 – now

Associate Professor, Faculty of Agricultural Sciences, School of Agriculture, Laboratory of Quality Control, University of Western Macedonia - Florina branch.

Dates
Occupation or position held

2006 – 2013

Lecturer School of Agriculture Technology, Food Technology and Nutrition, Department of Agricultural Technology, Western Macedonia, University of applied Sciences

Dates
Occupation or position held

2005 – 2006

Agronomist
Ministry of Agriculture, Local Department, Pella Prefecture

Dates
Occupation or position held

2003-2006

Scientific Advisor (Full Credentials) in Department of Agricultural Products Marketing and Quality Control

Organization

Technological Educational Institute of Western Macedonia, Department of Agricultural Products Marketing and Quality Control, Florina, Greece.

Dates
Occupation or position held
Organization

1999-2005

Principal Investigator in GLP and GEP studies for plant protection products registration
Private Company/Subcontractor

Education and training

PhD

2003: PhD in Medical Sciences, Medical School, Laboratory of Toxicology, University of Crete, Greece

BSc

1995: BSc in Agriculture, Aristotelion University of Thessaloniki, Greece

Research interests

- Food Toxicology.
- Food Quality Control.
- Plant Protection Products Residues
- Risk Assessment

Administrative posts

2016-2019, Assistant Manager of Master of Science in Analysis and Control of Food Products,

Peer Reviewed Papers:

- (1) Tsatsakis, A. M., **Tsakiris, I. N.**, Maxaira, K., Christakis-Hampsas, M., Tzanakakis-Nikitovich, D P., & Niklis, N. (2002). Assessment of Safe Harvesting After Methyl Parathion Application in Peaches *Bulletin of Environmental Contamination and Toxicology*, 68(6), 824–830 <https://doi.org/10.1007/s00128-002-0029-2> (B.Δ.2)
- (2) **Tsakiris, I. N.**, Toutoudaki, M., Nikitovic, D. P., Danis, T. G., Stratis, I. A., & Tsatsakis, A. M. (2002). Field Study for Degradation of Methyl Parathion in Apples Cultivated with Integrated Crop Management System. *Bulletin of Environmental Contamination and Toxicology*, 69(6), 0771–0778 <https://doi.org/10.1007/s00128-002-0127-1> (B.Δ.3)
- (3) Tsatsakis, A. M., **Tsakiris, I. N.**, Tzatzarakis, M. N., Agourakis, Z. B., Tutudaki, M., & Alegakis, A. K. (2003). Three-year study of fenthion and dimethoate pesticides in olive oil from organic and conventional cultivation. *Food Additives and Contaminants*, 20(6), 553–559 <https://doi.org/10.1080/0265203031000070786> (B.Δ.4)
- (4) **Tsakiris, I. N.**, Danis, T. G., Stratis, I. A., Nikitovic, D., Dialyna, I. A., Alegakis, A. K., & * A. M. T. (2004). Monitoring of pesticide residues in fresh peaches produced under conventional and integrated crop management cultivation. *Food Additives and Contaminants*, 21(7), 670–677 <https://doi.org/10.1080/02652030410001698715>(B.Δ.5)
- (5) Shtilman, M. I., Tzatzarakis, M. N., Voskanyan, P. S., **Tsakiris, I. N.**, Tsakalof, A. K., & Tsatsakis A. M. (2006). Correlation between Plant Growth Regulator Release Rate and Bioactivity for the Series of Newly Synthesized Phytoactive Polymers. *Journal of Plant Growth Regulation*, 25(3), 211–218 <https://doi.org/10.1007/s00344-006-0002-0> (B.Δ.6)
- (6) Danis, T. G., Karagiozoglou, D. T., **Tsakiris, I. N.**, Alegakis, A. K., & Tsatsakis, A. M. (2011). Evaluation of pesticides residues in Greek peaches during 2002–2007 after the implementation of integrated crop management. *Food Chemistry*, 126(1), 97–103 <https://doi.org/10.1016/j.foodchem.2010.10.083> (B.Δ.7)
- (7) Papathanasiou, F., Papadopoulos, I., **Tsakiris, I. N.**, & Tamoutsidis, E. (2012). Vermicompost as a soil supplement to improve growth, yield and quality of lettuce (*Lactuca sativa* L.). *Journal of Food Agriculture and Environment* 10, 677–682 (B.Δ.8)
- (8) **Tsakiris, I. N.**, Kokkinakis, E., Dumanov, J. M., Tzatzarakis, M. N., Flouris, A. D., Vlachou, M., & Tsatsakis, A. M. (2013). Comparative evaluation of xenobiotics in human and dietary milk: persistence of organic pollutants and mycotoxins. *Cellular and Molecular Biology (Noisy-Le-Grand, France)*, 59(1) 58–66 (B.Δ.9)
- (9) **Tsakiris, I. N.**, Tzatzarakis, M. N., Alegakis, A. K., Vlachou, M. I., Renieri, E. A., & Tsatsakis, A. M. (2013). Risk assessment scenarios of children's exposure to aflatoxin M1 residues in different milk types from the Greek market. *Food and Chemical Toxicology*, 56, 261–265 <https://doi.org/10.1016/j.fct.2013.02.024> (B.Δ.10)
- (10) **Tsakiris, I. N.**, Goumenou, M., Tzatzarakis, M. N., Alegakis, A. K., Tsitsimpikou, C., Ozcagli, E. Vynias, D., & Tsatsakis, A. M. (2015). Risk assessment for children exposed to DDT residues in various milk types from the Greek market. *Food and Chemical Toxicology*, 75, 156–165 <https://doi.org/10.1016/j.fct.2014.11.012> (B.Δ.11)
- (11) Tzatzarakis, M. N., Karzi, V., Vakonaki, E., Goumenou, M., Kavvalakis, M., Stivaktakis, P. Tsitsimpikou, C., **Tsakiris, I. N.**, Rizos, A. K., & Tsatsakis, A. M. (2016). Bisphenol A in soft drinks and canned foods and data evaluation. *Food Additives & Contaminants: Part B*, 10(2), 85–90 <https://doi.org/10.1080/19393210.2016.1266522> (B.Δ.12)
- (12) Tzatzarakis, M. N., Vakonaki, E., Moti, S., Alegakis, A., Tsitsimpikou, C., **Tsakiris, I. N.** Goumenou, M., Nosyrev, A. E., Rizos, A. K., & Tsatsakis, A. M. (2017). Quantification of 4-Methylimidazole in soft drinks, sauces and vinegars of Greek market using two liquid chromatography techniques. *Food and Chemical Toxicology*, 107, 565–571. <https://doi.org/10.1016/j.fct.2017.03.028> (B.Δ.13)

(13) Greveniotis, V., Bouloumpasi, E., Tsakiris, I., Sioki, E., & Ipsilandis, C. (2017). Evaluation of Elite Open-Pollinated Maize Lines in Two Contrasting Environments. *Journal of Agricultural Science*, 10(1) 85. <https://doi.org/10.5539/jas.v10n1p85> (B.Δ.14)

(14) Taghizadeh, S. F., Rezaee, R., Davarynejad, G., Asili, J., Nemati, S. H., Goumenou, M. **Tsakiris, I. N.**, Tsatsakis, A. M., Shirani, K., & Karimi, G. (2018). Risk assessment of exposure to aflatoxin B1 and ochratoxin A through consumption of different Pistachio (*Pistacia Vera L.*) cultivars collected from four geographical regions of Iran. *Environmental Toxicology and Pharmacology*, 61 61–66. <https://doi.org/10.1016/j.etap.2018.05.010> (B.Δ.15)

(15) Mesnage, R., **Tsakiris, I. N.**, Antoniou, M. N., & Tsatsakis, A. (2019). Limitations in the evidential basis supporting health benefits from a decreased exposure to pesticides through organic food consumption. *Current Opinion in Toxicology*, 19, 50–55. <https://doi.org/10.1016/j.cotox.2019.11.003> (B.Δ.16)

(16) Manolis, T., Manolis, K., Elisavet, R., Marina, G., Mathaios, K., Elena, V., Alexandra, C. Polychronis, S., **Tsakiris I. N.**, T., Apostolos, R., & Aristidis, T. (2020). Multiresidue analysis of insecticides and fungicides in apples from the Greek market. Applying an alternative approach for risk assessment. *Food and Chemical Toxicology*, 140, 111262. <https://doi.org/10.1016/j.fct.2020.111262> (B.Δ.17)

Congresses:

(1) **Tsakiris, I.N.**, Tsatsakis, A.M., Danis, T.G. (2003). The contribution of Integrated Crop Management in epidemiological studies for human health and in safety of agricultural products. 5th *International Congress of Turkish Society of Toxicology*. Antalya October 30 November 2 2003 ,p086 (B.Σ.1)

(2) Danis, T. G., **Tsakiris, I. N.**, Tsatsakis, A. M., Alegakis, A. K., & Tzatzarakis, M. N. (2005) Residues of plant protection products in peaches after long-term implementation of ICM. *Toxicology Letters*, 158. (B.Σ.2)

(3) Danis, T. G., **Tsakiris, I. N.**, Hourdakis, M., Alegakis, A. K., & Tsatsakis, A. M. (2006). Integrated crop management and food safety, the current status in Greece in peach cultivation. *Toxicology Letters*, 164, S248. <https://doi.org/10.1016/j.toxlet.2006.07.176> (B.Σ.3)

(4) **Tsakiris, I. N.**, Tsatsakis, A., Danis, T., & Manolis, T. (2007). Field study of the degradation of chlorpyrifos in peaches cultivated by Integrated Crop Management system. *Toxicology Letters*, 172 S202–S203. <https://doi.org/10.1016/j.toxlet.2007.05.510> (B.Σ.4)

(5) Danis, T., **Tsakiris, I. N.**, Karagiozoglou, D., Hourdakis, M., & Tsatsakis, A. M. (2008). Estimation of the frequency and severity of plant protection products residues in peaches after a long-term implementation of integrated crop management. *Toxicology Letters*, 180, S175–S176 <https://doi.org/10.1016/j.toxlet.2008.06.294> (B.Σ.5)

(6) **Tsakiris, I. N.**, Tsatsakis, A. M., Marnasidis, S., Favas, H., & Alegakis, A. (2009). Estimation of the frequency and severity of plant protection products residues in Greek olive oil originates from organic cultivation of olives during 2008. *Toxicology Letters*, 189, S233 <https://doi.org/10.1016/j.toxlet.2009.06.501> (B.Σ.6)

(7) **Tsakiris, I. N.**, Tsatsakis, A. M., Alegakis, A., Mitliagka, P., Papathanasiou, F., & Niklis, N. (2010) Frequency and severity estimation of pesticide residues from organically cultivated olives and olive tree leaves in Greece, during 2008. *Toxicology Letters*, 196, S336 <https://doi.org/10.1016/j.toxlet.2010.03.1063> (B.Σ.7)

(8) **Tsakiris, I. N.**, Favas, C., Tsatsakis, A. M., Kokkinakis, M., Mparbounis, M., & Kokkinaki, A (2010). Pesticide residue assessment of Organically Cultivated Greek Virgin Olive Oil, during 2009 *Toxicology Letters*, 196, S336. <https://doi.org/10.1016/j.toxlet.2010.03.1062> (B.Σ.8)

(9) **Tsakiris, I. N.**, Tzatzarakis, M. N., Kokkinakis, E. N., & Mitliagka, P. G. (2011). Detection of aflatoxin M1A in different milk products from Greek market. *Toxicology Letters*, 205, S145 <https://doi.org/10.1016/j.toxlet.2011.05.515> (B.Σ.9)

(10) **Tsakiris, I. N.**, Kokkinaki, A., Tzatzarakis, M., Alegakis, A., Kokkinakis, M., Fragkiadaki, P.

Vynias, D., Mitlianga, P., & Tsatsakis, A. (2012). Dietary exposure of Greek consumers to pesticides by a nutrition based on Mediterranean diet. *Toxicology Letters*, 211, S126 <https://doi.org/10.1016/j.toxlet.2012.03.463> (B.Σ.10)

(11) **Tsakiris, I.N.**, Dionysopoulou, C., Tzatzarakis, M., Alegakis, A., Kokkinakis, M., Theodoropoulou E., Mitlianga, P., Liesivuori, J., & Tsatsakis, A. (2012). Monitoring organochlorine metabolites in dietary milk and estimation of hazard index values. *Toxicology Letters*, 211, S96–S97 <https://doi.org/10.1016/j.toxlet.2012.03.363> (B.Σ.11)

(12) **Tsakiris, I. N.**, Tzatzarakis, M. N., Alegakis, A. K., Mitlianga, P., Kyriakakis, M., Stivaktakis, P., Kavvalakis, M., Maria, V., & Tsatsakis, A. M. (2013). A preliminary assessment of dietary exposure to sulfites in Greek population through wine consumption. *Toxicology Letters*, 221, S117 <https://doi.org/dx.doi.org/10.1016/j.toxlet.2013.05.200> (B.Σ.12)

(13) Kokkinaki, A. N., Kokkinakis, E. N., Manolis, T., Persefoni, F., **Tsakiris, I. N.**, Dionisios, V. Maravgakis, G., Kavvalakis, M., & Tsatsakis, A. M. (2013). Organophosphates used in agriculture and produce export. *Toxicology Letters*, 221, S201. <https://doi.org/10.1016/j.toxlet.2013.05.469> (B.Σ.13)

(14) Kokkinaki, A. N., Kokkinakis, E. N., Tavladaki, G., Panagiotaki, G., Niniraki, S., Konstantinos, G. **Tsakiris, I. N.**, Mathaios, K. P., & Tsatsakis, A. M. (2013). Pesticide training as a major factor sustaining public health, during farming of certified produce. *Toxicology Letters*, 221, S201 <https://doi.org/10.1016/j.toxlet.2013.05.470> (B.Σ.14)

(15) Tsakiris, I. N., Tzatzarakis, M., Alegakis, A., Mitlianga, P., Kavvalakis, M., Vakonaki, E. Goumenou, M., Stivaktakis, P., & Tsatsakis, A. M. (2014). Monitoring of pesticides residues in Greek bottled wine. *Toxicology Letters*, 229, S184. <https://doi.org/10.1016/j.toxlet.2014.06.628> (B.Σ.15)

(16) **Tsakiris, I. N.**, Tzatzarakis, M., Alegakis, A., Mitlianga, P., Vakonaki, E., Tsatsakis, I., Dumanov J., Sarigiannis, D., & Tsatsakis, A. M. (2015). Monitoring of Ochratoxin A residues in Greek bottled wine. *Toxicology Letters*, 238(2), S82–S83. <https://doi.org/10.1016/j.toxlet.2015.08.278> (B.Σ.16)

(17) Tzatzarakis, Manolis, Karzi, V., Vakonaki, E., Barbounis, E., Tsitsimpikou, C., Vardavas, A. I. **Tsakiris, I. N.**, Psycharakis, S., Rizos, A. K., & Tsatsakis, A. M. (2015). Bisphenol A in beverages and canned foods of the Greek market. *Toxicology Letters*, 238(2), S81 <https://doi.org/10.1016/j.toxlet.2015.08.274> (B.Σ.17)

(18) Vakonaki, E., Tzatzarakis, M., Moti, S., Vynias, D., Flamourakis, M., Kavvalakis, M., Tsitsimpikou C., **Tsakiris, I. N.**, Rizos, A., & Tsatsakis, A. M. (2015). Determination of 4-methylimidazole in soft drinks, beers, vinegar and sauces of Greek market using liquid chromatography–mass spectrometry *Toxicology Letters*, 238(2), S82. <https://doi.org/10.1016/j.toxlet.2015.08.277> (B.Σ.18)

(19) Tzatzarakis, M., Vakonaki, E., Kampouropoulou, C., Stivaktakis, P. D., Papachristou, S., Vynias D., **Tsakiris, I. N.**, Rizos, A. K., & Tsatsakis, A. M. (2015). Determination of diacetyl in butters and margarines by gas chromatography–mass spectrometry. *Toxicology Letters*, 238(2), S81–S82 <https://doi.org/10.1016/j.toxlet.2015.08.276> (B.Σ.19)

(20) Tzatzarakis, M. N., Karzi, V., Vakonaki, E., Katsikantami, I., Kiriakakis, M., **Tsakiris, I. N.** Kavvalakis, M., Rizos, A. K., & Tsatsakis, A. M. (2016). Endocrine disruptor compound's levels in hair of Greek children. *Toxicology Letters*, 258, S78. <https://doi.org/10.1016/j.toxlet.2016.06.1361> (B.Σ.20)

(21) Tzatzarakis, M., Katsikantami, I., Vakonaki, E., Karzi, V., Kavvalakis, M., Chatzinikolaou, A. **Tsakiris, I. N.**, Tsatsakis, A., & Rizos, A. (2017). Monitoring of pesticide residues in apples from the Greek market. *Toxicology Letters*, 280, S177. <https://doi.org/10.1016/j.toxlet.2017.07.495> (B.Σ.21)

(22) Papadaki, C., Giangou, S., Tsakiris, I.N., & Mitlianga, P. (2020). Study on antioxidant and antibiobal activity of Lavender (*Lavandula Angustifolia*) beverages. 29th World Conference on FOOD AND BEVERAGES, Accepted (B.Σ.22)

Other Publications

(1) Tsatsakis A.M. & **Tsakiris I.N.** (2010). Fenthion Dimethoate and Other Pesticides in Olive Oils of Organic and Conventional Cultivation. In: *Olives and Olive Oil in Health and Disease Prevention*. Eds V. R. Preedy, R. R. Watson, 415-424 Oxford Academic Press. (B.K.1)

(2) **Tsakiris I.N.**, Toutoudaki M., Kokkinakis M., Mitlianga P., Tsatsakis A.M. (2011). A risk assessment study of Greek population dietary chronic exposure to pesticide residues in fruits, vegetables and olive oil. In: *Pesticides – Formulations, Effects, Fate*. Eds Margarita Stoytcheneva, INTECH. **(B.K.2)**

(3) Goumenou M., Axiotis D., Trantallidi M. Vynias D., **Tsakiris I.N.**, Alegakis A., Dumanof, J., Tsatsakis A.M. (2014). Toxicological Effects, Risk Assessment and Legislation for Aflatoxins. In: *Aflatoxins*. Editor Adina G. Faulkner, Nova Science Publishers, ISBN: 978-1-63117-298-4 **(B.K.3)**

(4) **Tsakiris I.N.**, Renieri E.M., Vlachou M., Theodoropoulou M., Goumenou M., Tsatsakis A.M. (2014). Food Sources and Occurrence of Aflatoxins: The Experience in Greece. In: *Aflatoxins*. In: Aflatoxins Editor Adina G. Faulkner, Nova Science Publishers, ISBN: 978-1-63117-298-4 **(B.K.4)**

(5) **Τσακίρης Ι.** Chapter III "Food Toxicology and Quality Assurance". στο: "Toxicology in Modern Word". Author: Aristidis Tsatsakis, Publications NEON, 2020. p. 45-47. ISBN 978-618-84478-0-6 **(B.K.5)**

Conferences (Invited speaker)

(1) Tsakiris, I.N., Niklis, N., Litras, K., Miliadis, G., Tsatsakis, A.M., (1998). Monitoring for pesticides residues and applicators problems. 1st Hellenic Congress of Forensic Medicine and Toxicology, Thessaloniki, p67.

(2) Tsakiris I.N., Tsatsakis, A.M., (2000) Degradation curves of methyl parathion in table peaches. 2nd Hellenic Congress of Forensic Medicine and Toxicology, Pireus, p55.

(3) Tzatzarakis, M.N., Aggourakis, Z.B., Tsakiris, I.N., Toutoudaki M., Giannoudakis, K & Tsatsakis, A.M., (2002) Annual monitoring results for pesticides residues from conventional and ICM cultivated peaches. 3rd Hellenic Congress of Forensic Medicine and Toxicology, Heraklion, 009.

(4) Tsakiris I.N., Toutoudaki M., Nikitovic D.P., Danis T.G., Stratis I.A. & Tsatsakis A.M. (2002). Degradation of methyl parathion in apples cultivated with by integrated crop management. *International Conference on Rural Health in Mediterranean and Balkan Countries*. Bari, Italy, p119.

(5) Tsakiris, I.N., Danis, T.G., Tsatsakis, A.M., Alegakis, A.K. & Tzatzarakis M.N. (2005). ICP a new approach for managing pesticides residues in food. 4th Hellenic Congress of Forensic Medicine and Toxicology, Athens, 009.

(6) Tsakiris, I.N., Plant Protection Products Residues in Agricultural Products a new tendency and brainstorming" 5th Congress of the Hellenic Societies Forensic Sciences and Toxicology, Kastoria

(7) Tsakiris, I.N., Tsatsakis, A.M., Tzatzarakis, E., Favvas, X., Alegkakis, A. (2009). Determination of pesticides in olive oil samples originate from biological cultivation of olives. 6th Congress of the Hellenic Societies Forensic Sciences and Toxicology, 08, p25

(8) Tsakiris, I.N., Cucci, A., (2011). The role of SmartFresh™ in energy efficiency of cold storage facilities. 25th Congress of Greek Horticulture Society, Lemesos, Cyprus.

Public Lectures

(1) 6/10/2004 "Modern Agricultural Systems and consumers demands" Host Administration of Primary Education, Pella Prefecture

(2) 20/4/2005 "Consumers Safety: Myth of reality" Host Administration of Primary Education, Western Thessaloniki Department

(3) 2008 "Prototype Agricultural Business based on Quality of Products" 1st Global Entrepreneurship Week 19-25 November Athens Greece

(4) 2012 "How to benefit from a local produced crops: Presentation of a case study" Florina Chamber of Commerce

Statistics

Peer Reviewed Papers: 16
Congresses (peer reviewed): 22
Citations: 231
Chapters in books: 5
H index: 9

Reviewer

Food and Chemical Toxicology
Toxicology Reports
Toxins, International Journal of Environmental Research and Public Health

Science and Society

Member of Greek Toxicology Society

Member of Greek Agronomist Chamber

Member of Consumers Protection Society (Local Municipality)