

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Christina Tsitsimpikou
Address(es) 15, Lakonias Str., Maroussi, Athens, 11522, Greece
Telephone(s) 00302108056523 **Mobile:** 00306972004574
Fax(es) 00302106479303
E-mail chtsitsi@yahoo.com
Nationality Hellenic
Date of birth 28.07.1969
Gender Female

Current employment / Occupational field

Toxicological and Clinical Analyst and Administrator

Work experience

| | |
|--|--|
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p> | <p>2011-continued</p> <p>Senior Officer</p> <p>Toxicological assessment – RAC member for health issues European Chemicals Agency – REACH/CLP enforcement</p> <p>General Chemical State Laboratory of Greece</p> <p>Public Sector</p> |
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p> | <p>2006-2010</p> <p>Senior Chemist</p> <p>Substance identification, consulting legislative actions, education and training of forensic analysts (Department of Drugs of Abuse and Narcotics)</p> <p>General State Chemical Laboratory of Greece</p> <p>Public Sector</p> |
| <p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p> | <p>1997-2008</p> <p>Visiting Professor of Biochemistry and Clinical Chemistry</p> <p>Teaching, supervising theses, conducting research</p> <p>Technical Educational Institution of Athens (TEI), Department of Medical Laboratories</p> <p>Public Sector</p> |
| <p>Dates</p> | <p>2001-2005</p> |

| | |
|--------------------------------------|--|
| Occupation or position held | Manager, Doping Control Services |
| Main activities and responsibilities | Planning and conducting doping control in athletes, developing regulations and guidelines |
| Name and address of employer | Organizing Committee for the Olympic Games, ATHENS 2004 |
| Type of business or sector | Public Sector Enterprise |
| Dates | 1990-1991 and 1997-2006 |
| Occupation or position held | Senior Analyst – responsible for ISO Quality Systems management |
| Main activities and responsibilities | Isolation, identification and detection of drugs (anabolic steroids, corticosteroids, stimulants, narcotics, peptide hormones, anti-inflammatory drugs etc.) and their metabolites in humans and horses. Excretion studies and elucidation of metabolic pathways in humans and horses. |
| Name and address of employer | Olympic Athletic Center of Athens (OAKA), Doping Control Laboratory of Athens |
| Type of business or sector | Public Sector |
| Dates | 1998-2003 |
| Occupation or position held | Collaborating Researcher |
| Main activities and responsibilities | Isolation and structural identification of bioactive secondary metabolites from marine and terrestrial organisms. Structure-activity studies and structural modifications directed towards activity enhancement. Chemical ecology studies aiming at the elucidation of the role of secondary metabolites in the behavior of organisms and application of them in environmental friendly management systems. Chemotaxonomical studies on Mediterranean plants and marine organisms. |
| Name and address of employer | University of Athens, School of Pharmacy, Laboratory of Pharmacognosy |
| Type of business or sector | Public Sector |
| Dates | 1992-1996 |
| Occupation or position held | Collaborating Researcher |
| Main activities and responsibilities | New ways of bio-transformations for synthesis of pharmaceuticals – High added value products. Effect of narcotics/ anabolic steroids/ peptide hormones use on biological markers, protein expression and gene regulation in animal models. Application of anabolic steroids on various pathologies and healthy individuals. |
| Name and address of employer | National Research Institution , department of Biological Research |
| Type of business or sector | Public Sector |
| Translation Experience | <ul style="list-style-type: none"> ▪ Biomedical patent applications translation from English and French to Greek (Employer Mr George Gad, Manager, Ministry of Commerce (1992 – 2003) ▪ Interpretation during conferences (e.g. Chamber of Commerce 1994, Nice, France, “Treatment des dechets industrielles”; Federation of European Publishers, 2006,2008,2009 European Conferences, Thessaloniki and Athens, Greece ▪ Translation of medical diagnosis reports for private clients (e.g. Lina Florentin, Manager, ALFA LAB Molecular biology and cytogenetics. Leto Maternity Hospital) ▪ Use of English language as official language for writing toxicological assessment reports the Risk Assessment Committee of the European Chemicals Agency ▪ Author of 57 scientific publications in English on medical, biomedical and biotechnological issues in peer reviewed international scientific journals/ journal supplements with impact factor ▪ Co-author of 3 books in English ▪ Lecturer and instructor in English in several international conferences and workshops (e.g. European Network for Forensic Sciences – ENFSI, EUROTOX, IOC, WADA etc) |

Education and training

| | |
|--|--|
| Dates | 2011 |
| Title of qualification awarded | European Registered Toxicologist – ERT |
| Principal subjects/occupational skills covered | Animal studies on pesticides, anabolic steroids and amphetamines organ toxicity |
| Name and type of organisation providing education and training | EUROTOX – HST |
| Dates | 2006-2009 (scholarship award by the Department of Physical Education and Sports, University of Thessaly) |
| Title of qualification awarded | Master Degree on Sports Medicine “ <i>Exercise and Health</i> ” |
| Principal subjects/occupational skills covered | Thesis title: « <i>Medication Use by Athletes during the Athens 2004 Paralympic Games</i> » |
| Name and type of organisation providing education and training | Department of Physical Education and Sports – Medical School, University of Thessaly, Greece |
| Dates | 1998-1999 (scholarship award by the National State Scholarships Foundation) |
| Title of qualification awarded | Post Doctoral thesis on bioethics |
| Principal subjects/occupational skills covered | Thesis title: « <i>Interactions and Feedback between Science and Society. Case study: applications of biotechnology in Greece</i> » |
| Name and type of organisation providing education and training | Faculty of Applied Science and Mathematics - Department of Chemical Engineering, National Technical University of Athens, Greece |
| Dates | 1992-1997 |
| Title of qualification awarded | Doctoral Degree in Chemical Engineering / Medical Sciences , Greece (grade A). |
| Principal subjects/occupational skills covered | Thesis title: « <i>Synthesis and Bioapplications of high-added value sugar products in organic solvents and supercritical carbon dioxide</i> » |
| Name and type of organisation providing education and training | Biosystems Technology Laboratory, Department of Chemical Engineering, National Technical University of Athens/ Laboratory of Clinical Chemistry and Biochemistry, School of Medicine, University of Athens |
| Dates | 1987-1991 |
| Title of qualification awarded | Bachelor of Science in Chemistry |
| Name and type of organisation providing education and training | Department of Chemistry, University of Athens, Greece |

Personal skills and competences

Mother tongue(s) **Hellenic**

Other language(s) **Teaching licence for English and French from the Ministry of Education (since 1988)**

| Understanding | | | | Speaking | | | | Writing | |
|---------------|------------------|---------|------------------|--------------------|------------------|-------------------|------------------|---------|------------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user |
| C1 | Proficient user | C1 | Proficient user | B2 | Independent user | B1 | Independent user | C1 | Proficient user |
| B1 | Independent user | B1 | Independent user | B1 | Independent user | B1 | Independent user | B1 | Independent user |

(*) [Common European Framework of Reference for Languages](#)

Experience in translation

- Biomedical patent applications translation from English and French to Greek (Employer Mr George Gad, Manager, Ministry of Commerce (1992 – 2003))
- Interpretation during conferences (e.g. Chamber of Commerce 1994, Nice, France, “Treatment des dechets industrielles”; Federation of European Publishers, 2006,2008,2009 European Conferences, Thessaloniki and Athens, Greece)
- Translation of medical diagnosis reports for private clients (e.g. Lina Florentin, Manager, ALFA LAB Molecular biology and cytogenetics. Leto Maternity Hospital)

| | |
|---------------------------------------|--|
| | <ul style="list-style-type: none"> ▪ Use of English language as official language for writing toxicological assessment reports the Risk Assessment Committee of the European Chemicals Agency ▪ Author of 57 scientific publications in English on medical, biomedical and biotechnological issues in peer reviewed international scientific journals/ journal supplements with impact factor ▪ Co-author of 3 books in English ▪ Lecturer and instructor in English in several international conferences and workshops (e.g. European Network for Forensic Sciences – ENFSI, EUROTOX, IOC, WADA etc) |
| Social skills and competences | Managerial skills, team work, recruiting volunteers, teaching skills |
| Organisational skills and competences | <p>RESEARCH PROJECTS</p> <ul style="list-style-type: none"> ✓ WADA/IADA International Project Team IPT III (September 2001-March 2003) ✓ Growth Programme GTC1-2000-28002 “Concerted Action in the Fight against Doping in Sport, CAFDIS” (March 2001-November 2001) ✓ Growth Project GRD1-1999-10102 “ISOTRACE”: Detection of illegal drugs by Isotope Ratio Mass Spectrometry. Improvement of sensitivity, widening of applicability and development of new tests and reference data. (December 2000- November 2001) ✓ Production of sugar fatty acid esters from renewable agricultural resources: an integrated optimization of enzymatic-purification processes and of surfactive properties (1995-1996) ✓ BIOTECH 90-0176: New ways of biotransformation for synthesis of pharmaceuticals in non-aqueous systems (1992-1995) ✓ Recording and evaluating the historical industrial and scientific equipment in various industrial cities of Greece (January-December 1996) ✓ Reconstruction interventions in the Laboratory of the Lavrion Technical and Cultural Park (TPPL) (1996-1997) ✓ Mineral Chemical Technology Assimilation park in the TPPL area (1999-2000 main researcher) |
| Technical skills and competences | <ul style="list-style-type: none"> ✓ Quality control and quality assurance in chemical and clinical laboratories (ISO17025, ISO PAS 18873), Quality procedures in Doping Control and Management (ISO9001/2000) ✓ Analytical techniques such as GC/MS, LC/MS, HRMS, electrophoresis, RT-PCR, ELISA, EIA, RIA-IRMA, flow cytometry |
| Computer skills and competences | Competent with all Microsoft Office programs, Statistical Packages (SPSS) |
| Other skills and competences | <p>PARTICIPATION IN NATIONAL/ INTERNATIONAL ORGANIZATIONS</p> <ul style="list-style-type: none"> ✓ European Chemicals Agency (2011-continued) ✓ General Secretariat of the Hellenic Society of Toxicology and member of the National ERT Committee ✓ Member of the WADA Ethics and Education Committee (2003 – 2004) ✓ Member of the WADA Reference Group for the development of a new ISO standard for the doping control process (2001 – 2003) ✓ Member of the Science Group on Doping Control of the Council of Europe (2002-2003). ✓ Member of the Monitoring Group of the Anti-Doping Convention (T-DO), representative of Greece (1998-2003) <p>PRICE AWARDS</p> <ul style="list-style-type: none"> ✓ 1st Price for poster presentation in the 2015 Panhellenic Conference on Heart Failure ✓ 1st Price attributed from the price Award Committee of the 15th Scientific Conference of Students of Medical Science 2009 in Greece for the project «Electrocardiographic Findings Compatible with Brugada Syndrome in a Patient with Febrile Respiratory Infection» ✓ Heart Failure 2009 Travel Grant of the Heart Failure Association for the project «The effect of unsupervised daily physical activity on the heart rate recovery in patients with advanced heart failure» in the European Congress of Heart Failure, Nice, 30th May -3rd June 2009 ✓ Award by Hellenic Society of Toxicology and the Organizing Committee of the EUROTOX Conference for the best Hellenic Presentation entitled «Comparative study of the medication use by athletes in Olympic and Paralympic Games in Athens and their implications in doping control» (EUROTOX 2008) |

PRICE AWARDS (continued)

- ✓ Scholarship award by the Department of Physical Education and Sports, University of Thessaly for best grading student in the Post-Graduate Course "Health and Exercise".
- ✓ Award by the IOC and the IOC-Medical Commission for the successful implementation of the Doping Control Program during the Athens 2004 Summer Olympic Games
- ✓ Award by the Municipality of Tripolis (Greece) for the contribution to the Science and Sports
- ✓ Scholarship award by the National State Scholarships Foundation for the post-doctoral research thesis «Interactions and Feedback between Science and Society. Case study: applications of biotechnology in Greece» (1999)

Additional information

PUBLICATIONS

1. TSAKIRIS IN, GOUMENOU M, TZATZARAKIS MN, ALEGAKIS AK, **TSITSIMPIKOU C**, OZCAGLI E, VYNIAS D, TSATSAKIS AM. **Risk assessment for children exposed to DDT residues in various milk types from the Greek market.** Food Chem Toxicol. 2015 Jan;75:156-65. doi: 10.1016/j.fct.2014.11.012. Epub 2014 Nov 20.
2. **TSITSIMPIKOU C**, TSAROUHAS K, KIOUKIA-FOUGIA N, SKONDRA C, FRAGKIADAKI P, PAPALEXIS P, STAMATOPOULOS P, KAPLANIS I, HAYES AW, TSATSAKIS A, RENTOUKAS E. **Dietary supplementation with tomato-juice in patients with metabolic syndrome: a suggestion to alleviate detrimental clinical factors.** Food Chem Toxicol. 2014 Dec;74:9-13. doi: 10.1016/j.fct.2014.08.014. Epub 2014 Sep 3.
3. ZAFIROPOULOS A, TSAROUHAS K, **TSITSIMPIKOU C**, FRAGKIADAKI P, GERMANAKIS I, TSARDI M, MARAVGAKIS G, GOUTZOURELAS N, VASILAKI F, KOURETAS D, HAYES A, TSATSAKIS A. **Cardiotoxicity in rabbits after a low-level exposure to diazinon, propoxur, and chlorpyrifos.** Hum Exp Toxicol. 2014 May 12. [Epub ahead of print]
4. SAMARAS A, TSAROUHAS K, PASCHALIDIS E, GIAMOUIZIS G, TRIPOSKIADIS F, **TSITSIMPIKOU C**, BECKER AT, GOUTZOURELAS N, KOURETAS D. **Effect of a special carbohydrate-protein bar and tomato juice supplementation on oxidative stress markers and vascular endothelial dynamics in ultra-marathon runners.** Food Chem Toxicol. 2014 Jul;69:231-6. doi: 10.1016/j.fct.2014.03.029. Epub 2014 Apr 4.
5. GUBANDRU M, MARGINA D, TSITSIMPIKOU C, GOUTZOURELAS N, TSAROUHAS K, ILIE M, TSATSAKIS AM, KOURETAS D. **Alzheimer's disease treated patients showed different patterns for oxidative stress and inflammation markers.** Food Chem Toxicol. 2013 Jul 16. doi:pii: S0278-6915(13)00468-7. 10.1016/j.fct.2013.07.013. [Epub ahead of print]
6. GERMANAKIS I, TSAROUHAS K, FRAGKIADAKI P, TSITSIMPIKOU C, GOUTZOURELAS N, CHAMPSAS MC, STAGOS D, RENTOUKAS E, TSATSAKIS AM. **Oxidative stress and myocardial dysfunction in young rabbits after short term anabolic steroids administration.** Food Chem Toxicol. 2013 Mar 26. doi:pii: S0278-6915(13)00201-9. 10.1016/j.fct.2013.03.018. [Epub ahead of print]
7. TSITSIMPIKOU C, KIOUKIA-FOUGIA N, TSAROUHAS K, STAMATOPOULOS P, RENTOUKAS E, KOUDOUNAKOS A, PAPALEXIS P, LIESIVUORI J, JAMURTAS A. **Administration of tomato juice ameliorates lactate dehydrogenase and creatinine kinase responses to anaerobic training.** Food Chem Toxicol. 2013 Jan 3. doi:pii: S0278-6915(12)00896-4. 10.1016/j.fct.2012.12.023. [Epub ahead of print].
8. TSITSIMPIKOU C, TZATZARAKIS M, FRAGKIADAKI P, KOVATSI L, STIVAKTAKIS P, KALOGERAKE A, KOURETAS D, TSATSAKIS AM. **Histopathological lesions, oxidative stress and genotoxic effects in liver and kidneys following long term exposure of rabbits to diazinon and propoxur.** Toxicology. 2012 Nov 28. doi:pii: S0300-483X(12)00385-X. 10.1016/j.tox.2012.11.002. [Epub ahead of print]
9. RENTOUKAS E., TSAROUHAS K., KAPLANIS I., KOROU E., NIKOLAOU M., MARATHONITIS G., KOKKINOUS S., HALIASSOS A., MAMALAKI A., KOURETAS D., TSITSIMPIKOU C. **Connection between Telomerase Activity in PBMC and Markers of Inflammation and Endothelial Dysfunction in Patients with Metabolic Syndrome.** PLoS ONE. 2012;7(4):e35739. doi: 10.1371/journal.pone.0035739. Epub 2012 Apr 25.
10. TSATSAKIS AM., KERASIOTI E., KISKINI A., VESKOUKIS A., JAMURTAS A., TSITSIMPIKOU C., KOUTEDAKIS Y., STAGOS D., KOURETAS D. **Effect of a special carbohydrate-protein cake on oxidative stress markers after exhaustive cycling in humans.** Food and Chemical Toxicology 2012 Aug;50(8):2805-10. doi: 10.1016/j.fct.2012.04.015. Epub 2012 Apr 17.
11. TSAROUHAS K, TSITSIMPIKOU C, HALIASSOS A, GEORGOULIAS P, KOUTSIORAS I, KOURETAS D, KOGIAS J, LIOSIS I, RENTOUKAS E, KYRIAKIDES Z. **Study of insulin resistance, TNF- α , total antioxidant capacity and lipid profile in patients with chronic heart failure under exercise.** In Vivo. 2011;25(6):1031-7
12. TSAROUHAS K, TSITSIMPIKOU C, APOSTOLAKIS S, HALIASSOS A, TZARDI M, PANAGIOTOU M, TSATSAKIS A, SPANDIDOS DA. **Homocysteine and metalloprotease-3 and -9 in patients with ascending aorta aneurysms.** Thromb Res. 2011;128(5):e95-9. Epub 2011 Jul 29.
13. C. TSITSIMPIKOU, N. CHRISOSTOMOU, P. PAPALEXIS, K. TSAROUHAS, A. TSATSAKIS, A. TZAMOURTAS. **The Use of nutritional Supplements among Recreational Athletes in Athens, Greece.** Int J Sports Nutr Metab 2011 Oct;21(5):377-84.
14. K. TSAROUHAS, C. KARATZAFERI, C. TSITSIMPIKOU, P. PAVLIDIS, A. HALIASSOS, S. ADAMOPOULOS, Z. KYRIAKIDES, L. CONSTANTINOY, Y. KOUTEDAKIS, E. RENTOUKAS. **Effects of Walking on Heart Rate Recovery, Endothelium Modulators and Quality of Life in Patients with Heart Failure.** Eur J Cardiovasc Prev Rehabil. 2011 Aug;18(4):594-600. (1 citation)
15. TSITSIMPIKOU C, KOURETAS D., TSAROUHAS K, SPANDIDOS D., TSATSAKIS A. **Medical Applications and Biomonitoring Issues of Recombinant Erythropoietins for Doping Control** Ther Drug Monit. 2011; 33(1):3-13. (3 citations)
16. K. TSAROUHAS, P. PAPALEXIS, I. KAFANTARIS, CH. TSITSIMPIKOU, S. VAVETSI, E. RENTOUKAS. **Electrocardiographic findings compatible with Brugada Syndrome in a patient with febrile respiratory infection.** HIPPOKRATIA 2010, 14, 3: 221-223

17. C. TSITSIMPIKOU, A. JAMURTAS, K. FITCH, P. PAPALEXIS, K. TSAROUHAS. **Medication Use by Athletes during the Athens 2004 Paralympic Games.** British Journal of Sports Medicine, 43, 1062-1066, 2009
18. E. RENTOUKAS, K. TSAROUHAS, C. TSITSIMPIKOU, G. LAZAROS, S. DEFTEREOS, S. VAVETSI. **Allopurinol Impact on ST segment elevation recovery in patients undergoing primary percutaneous coronary interventions.** Int J Cardiol. 2010 Nov 19;145(2):257-8. (4 citations)
19. C. TSITSIMPIKOU, A. TSIOKANOS, K. TSAROUHAS, P. SCHAMASCH, K.D. FITCH, D. VALASIADIS, A. JAMURTAS. **Medication Use by Athletes at the Athens 2004 Summer Olympic Games.** Clinical Journal of Sports Medicine, 19, 33-38, 2009
20. S. VAVETSI, N. NIKOLAOU, K. TSAROUHAS, G. LIBEROPOULOS, I. KOUZANIDIS, I. KAFANTARIS, A. ANTONAKOPOULOS, C. TSITSIMPIKOU, J. KANDYLAS. **Consecutive administration of atropine and isoproterenol for the evaluation of sinus bradycardia.** Europace. 2008 Oct;10(10):1176-81
21. A. TSIOKANOS, A. JAMURTAS, P. SCHAMASCH, P. PAPALEXIS, C. TSITSIMPIKOU. **Statistical data collected during urine collection for Doping Control at the Athens 2004 Olympic Games and recommendations to improve the urine collection procedure.** Review of Clinical Pharmacology and Pharmacokinetics, 22, 347-349, 2008
22. C. TSITSIMPIKOU, A. JAMURTAS, A. TSIOKANOS, I. FATOUROS, K. TSAROUHAS, E. KARACHALIOU, P. SCHAMASCH, D. VALASIADIS. **The first Blood Collection Attempt for Doping Control in an Olympic Tournament: Data on the procedure applied in Athens 2004 Olympic Games.** The Open Forensic Science Journal, 1, 27-33, 2008
23. P.V. PETRAKIS, V. ROUSSIS, D. PAPADIMITRIOU, C. VAGIAS, C. TSITSIMPIKOU. **The effect of terpenoid extracts from 15 pine species on the feeding behavioural sequence of the late instars of the pine processionary caterpillar *Thaumetopoea pityocampa*.** Behavioural Processes, 3, 303-322, 2005
24. V. SMYRNIOTOPOULOS, D. ABATIS, L.-A. TZIVELEKA, C. TSITSIMPIKOU, V. ROUSSIS, A. LOUKIS and C. VAGIAS. **Acetylene sesquiterpenoid esters from the green alga *Caulerpa prolifera*.** J. Nat. Prod., 66 (1), 21-24, 2003
25. E. SRYRIDAKI and C.G. GEORGAKOPOULOS. **Excretion study of ecdysterone in human urine.** Rapid Communications in Mass Spectrometry, 15, 1-6, 2001 (2 citations)
26. C. TSITSIMPIKOU, M.-H. E. SRYRIDAKI, I. GEORGOULAKIS, D. KOURETAS, M. KONSTANTINIDOU and C.G. GEORGAKOPOULOS. **Elimination profiles of flurbiprofen and its metabolites in equine urine for doping analysis.** Talanta, 55 (6), 1173-1180, 2001 (1 citation)
27. C. TSITSIMPIKOU, G. TSAMIS, P.A. SISKOS, M.-H. E. MITA, C. TSITSIMPIKOU, L. TSIVELEKA, P. V. PETRAKIS, C. VAGIAS and V. ROUSSIS. **Seasonal Variation of Oleoresin Terpenoids from *Pinus halepensis* and *Pinus pinea* and Host Selection of the Scale Insect *Marchalina hellenica* (Homoptera, Coccoidea, Margarodidae, Coelostonidiinae).** Holsforschung, 56 (6), 572-578, 2000
28. V. ROUSSIS, I. CHINO, C. TSITSIMPIKOU, C. VAGIAS and P. PETRAKIS. **Antibacterial activity of the volatile secondary metabolites from Caribbean soft corals of the genus *Gorgonia*.** Flavor and Fragrance J. 16(5), 364-366, 2001
29. M. TSOUKATOU, C. TSITSIMPIKOU, C. VAGIAS and V. ROUSSIS. **Chemical Intra-Mediterranean variation and Insecticidal Activity of *Crithmum Maritimum*.** Z. Naturforschung, 56c, 211-215, 2001
30. P. V. PETRAKIS, C. TSITSIMPIKOU, O. TZAKOU, M. COULADIS and V. ROUSSIS. **Needle Volatiles from five *Pinus* species growing in Greece.** Flavour and Fragrance J., 16, 249-252, 2001
31. C. VAGIAS, C. TSITSIMPIKOU, T. RAPTI and V. ROUSSIS. **1,1'-Dimethyl-[2,2']bipyridylium salt from the bivalve *Callista Chione*.** Natural Products Reports, 14, 425-428, 2000
32. ZENELI G, TSITSIMPIKOU C, PETRAKIS PV, NAXAKIS G, HABILIS D, ROUSSIS V. **Foliar and cortex oleoresin variability of silver fir (*Abies alba* Mill.) in Albania.** Z Naturforsch C. 2001 Jul-Aug;56(7-8):531-9.
33. C. TSITSIMPIKOU, P. V. PETRAKIS, A. ORTIZ, C. HARVALA and V. ROUSSIS. **Volatile Needle Terpenoids of Six *Pinus* Species.** J. Essent. Oil Res., 13, 174-178, 2001
34. SPYRIDAKI MH, TSITSIMPIKOU CJ, SISKOS PA, GEORGAKOPOULOS CG. **Determination of ephedrine in urine by gas chromatography-mass spectrometry.** J Chromatogr B Biomed Sci Appl. 2001 Jul 15;758(2):311-4.
35. P. SAMPLI, C. TSITSIMPIKOU, C. VAGIAS and V. ROUSSIS. **Schimperiol, a new meroterpenoid from the brown alga *Styopodium schimperi*.** Natural Products Letters, 14, 365-372, 2000
36. C. TSITSIMPIKOU, C. VAGIAS and V. ROUSSIS. **A new epoxyurolane metabolite from the soft coral *Gorgonia ventalina*.** Natural Products Letters, 14(1), 17-23, 1999
37. V. ROUSSIS, C. TSITSIMPIKOU, C. VAGIAS and N. DIAMANTOPOULOU. **Chemical variability of the volatile metabolites from the Caribbean Corals of the genus *Gorgonia*.** Z. Naturforschung 55c, 431-441, 2000
38. C.G. GEORGAKOPOULOS, C. TSITSIMPIKOU, M.-H. E. SRYRIDAKI. **Excretion study of the β_2 -agonist reproterol in human urine.** Journal of Chromatography B: Biomedical 726, 141-148, 1999

39. C.G. GEORGAKOPOULOS, C. TSITSIMPIKOU, M.-H. E. SRYRIDAKI, M. LYRIS, E. COOKEAS and D. THIEME. **Doping Control Analysis: the 6th World Championships of Athletics, Athens, Greece.** Trends Anal. Chem. 18(1), 1-13, 1999
40. C. TSITSIMPIKOU, N. XIROGIANNI, O. MARKOPOULOU and F.N. KOLISIS. **Comparison of the ability of β -Glucosidases from almonds and *Fusarium oxysporum* to produce n-alkyl- β -glucosides in organic solvents.** Biotechnology Letters, 18(4), 387-392, 1996
41. C. TSITSIMPIKOU, E. DAFLOS and F.N. KOLISIS. **Comparative studies on the sugar ester synthesis catalysed by *Candida antarctica* and *Candida cylindracea* lipases in n-hexane.** Journal of Molecular Catalysis B: Enzymatic, 3, 189-195, 1997
42. M. MAKROPOULOU, P. CHRISTAKOPOULOS, C. TSITSIMPIKOU, D. KEKOS, B.J. MACRIS and F.N. KOLISIS. **Factors affecting the specificity of β -glucosidase from *Fusarium oxysporum* in the synthesis of alkyl- β -D-glucosides.** International Journal of Biological Macromolecules, 22(2), 97-101, 1998
43. C. TSITSIMPIKOU, H. STAMATIS, V.SERETI, H. DAFLOS and F.N. KOLISIS. **Acylation of glucose catalysed by various lipases in Supercritical Carbon Dioxide.** J. Chem. Technol. Biotechnol., 71, 309-314, 1998
44. C. TSITSIMPIKOU, P. CHRISTAKOPOULOS, M. MAKROPOULOU, D. KEKOS, B. MACRIS and F.N. KOLISIS. **Role of Methanol on the catalytic activity of *Fusarium oxysporum* β -glucosidase.** Biotechnology Letters, 19(1), 31-33, 1997
45. C. TSITSIMPIKOU, P. CHRISTAKOPOULOS, M. MAKROPOULOU, D. KEKOS, B.J. C. TSITSIMPIKOU, D. VOUTOU, P. CHRISTAKOPOULOS, D. KEKOS, B.J. MACRIS and F.N. KOLISIS. **Studies of the effect of organic solvents on the stability of β -glucosidase from *Fusarium Oxysporum*.** Biotechnology Letters, 16, 57-62, 1994
46. C. TSITSIMPIKOU **Cardiotoxicity of anabolic steroids; animal case study of oral turinabol and methanabol** *Toxicology Letters, Volume 229, Supplement, 10 September 2014, Page S21*
47. I. GERMANAKIS, K. TSAROUHAS, F. VASILAKI, C. TSITSIMPIKOU, A. VARDAVAS, P. FRAGKIADAKI, J. LIESIVUORI, G. DATSERI, A. TSATSAKIS **Heart ultrasound measurements in long-term exposed rabbits to nandrolone decanoate.** *Toxicology Letters, Volume 229, Supplement, 10 September 2014, Page S93*
48. M. GUBANDRU, D. MARGINA, C. TSITSIMPIKOU, M. ILIE, A. M. TSATSAKIS, D. KOURETAS **Evaluation of certain oxidative stress, endothelial dysfunction and inflammation parameters in Alzheimer disease patients under conventional treatment.** *Toxicology Letters, Volume 221, Supplement, 28 August 2013, Page S65*
49. M. N. TZATZARAKIS, C. TSITSIMPIKOU, X. MANDAKAS, E. VAKONAKI, M. P. KAVVALAKIS, E. THEODOROPOULOU, K. KANAKI, L. KOVATSI, A. M. TSATSAKIS **Hair analysis of sedative-hypnotics drugs involved in crime suspected cases in Greece** *Toxicology Letters, Volume 221, Supplement, 28 August 2013, Page S93*
50. V. FOTINI, G. MARAVGAKIS, P. STIVAKTAKIS, C. TSITSIMPIKOU, E. VAKONAKI, P. FRAGKIADAKI, KOVATSI LEDA, M. CHRISTAKIS-HAMPSAS ., E. N. KOKKINAKIS, A.M. TSATSAKIS **Evaluation of DNA damage and telomerase activity in liver and kidney after long term rabbits exposure to chlorpyrifos.** *Toxicology Letters, Volume 221, Supplement, 28 August 2013, Page S199*
51. FRAGKIADAKI P, TSITSIMPIKOU C, VASILAKI F, STIVAKTAKIS P, SEGRADAKIS J, TSAROUHAS K, TZARDI M, KOURETAS D, TSATSAKIS AM. **Histopathological findings, telomerase activity and oxidative stress in kidney tissue after long-term rabbits exposure to turinabol and methanabol.** *Toxicology Letters, Volume 221, Supplement, 28 August 2013, Page S236*
52. FRAGKIADAKI P., GERMANAKIS I., ZAFEIROPOULOS A., KALOGERAKI A., TSAROUCHAS K., TSITSIMPIKOU C., DOLAPSAKIS G., TSATSAKIS A., KOURETAS D. **Histopathological findings, oxidative stress and ultrasound measurements in heart tissues after long term rabbits exposure to chlorpyrifos.** *Toxicology Letters, Volume 211, Supplement, 17 June 2012, Pages S164-S165*
53. TSITSIMPIKOU C., TSAROUHAS K., GERMANAKIS I., FRAGIADAKI P., TZARDI M., KOURETAS D., KALOGERAKIS I., LASITHIOTAKIS K., TSATSAKIS A. **Histopathological findings, telomerase activity and ultrasound measurements in heart tissues after long-term rabbits exposure to turinabol and methanabol.** *Toxicology Letters, Vol. 211, Supplement, 17 June 2012, Pages S190-S191*
54. VAKONAKI E., CHRISTAKIS-HAMPSAS G. M., ALEGAKIS K. A., FLAMOURAKIS M., KOVATSI L., RENIERI E., TSITSIMPIKOU C., ZAFEIROPOULOS A., TSATSAKIS M. A. **Allele frequencies of fifteen STR loci in a population sample from Crete.** *Toxicology Letters, Volume 211, Supplement, 17 June 2012, Page S44*
55. P, FRAGKIADAKI, G. GERMANAKIS, K. TSAROUHAS, C. TSITSIMPIKOU, M. TSARDI, G. DOLAPSAKIS, A. TSATSAKIS. **Histopathological findings, telomerase activity and ultrasound measurements in heart tissues after long-term rabbits exposure to propoxur and diazinon.** *Cardiovascular Research; Vol. 93 Supplement 1 S106, 2012. Toxicology Letters,*
56. K. TSAROUHAS, C. TSITSIMPIKOU, E. RENTOUKAS, S. ADAMOPOULOS, H. TSAFARAS, A. HALIASSOS. **Effect of unsupervised exercise on autonomic system regulation and biochemical markers in patients with chronic heart failure.** *Clinical Chemistry; Supplement 56(6), 2010*
57. C. TSITSIMPIKOU, E. BAKOURI, E. PANTILIERI. **Gas Chromatography – Mass Spectrometry Pitfalls and Interpretation in Analysis of Drugs of Abuse.** *Clinical Chemistry and Laboratory Medicine, 47(9), A97, 2009*
58. K. TSAROUHAS, C. TSITSIMPIKOU, Ch. TSAFARAS, A. HALIASSOS, L. CONSTANTINOU, Z. KYRIAKIDES, E. RENTOUKAS. **The Effect of a 12-Week Walking Program on Biochemical Modulators of Endothelial Function in Patients with Chronic Heart Failure.** *Clinical Chemistry and Laboratory Medicine, 47(9), A97, 2009V.*
59. K. TSAROUHAS, Ch. KARATZAFERI, P. PAVLIDIS, Ch. TSITSIMPIKOU, E. RENTOUKAS, Z. KYRIAKIDES, L. CONSTANTINOU, Y. KOUTEDAKIS. **The effect of unsupervised daily physical activity on the heart rate recovery in patients with advanced heart failure.** *European Journal of Heart Failure; Supplements 8(2), 1101, 2009*
60. E. BAKOURI, C. TSITSIMPIKOU, R. TZIFA, S. POTAMIANOS, A. TARLI, C. VAKKA, E. PANTILIERI. **The General State Chemical Laboratory of Greece and its role in forensic drug analysis,** *Toxicology Letters, 180S, 156-157, 2008*

64. K. TSAROUHAS, Ch. KARATZAFERI, P. PAVLIDIS, Ch. TSITSIMPIKOU, E. RENTOUKAS, Z. KYRIAKIDES, L. CONSTANTINOY, Y. KOUTEDAKIS. **The effect of unsupervised daily physical activity on the heart rate recovery in patients with advanced heart failure.** European Journal of Heart Failure; Supplements 8(2), 1101, 2009
65. E. BAKOURI, C. TSITSIMPIKOU, R. TZIFA, S. POTAMIANOS, A. TARLI, C. VAKKA, E. PANTILIERI. **The General State Chemical Laboratory of Greece and its role in forensic drug analysis,** Toxicology Letters, 180S, 156-157, 2008
66. A. TSIOKANOS, A. JAMURTAS, P. PAPALEXIS, C. TSITSIMPIKOU. **Comparative study of the medication use by athletes in Olympic and Paralympic Games in Athens and their implications in doping control.** Toxicology Letters, 180S, 29, 2008
67. C. TSITSIMPIKOU, P. PAPALEXIS, A. TSIOKANOS, A. JAMURTAS, P. SCHAMASCH, K.D. FITCH, C. GEORGAKOPOULOS, C. PARISIS, D. VALASIADIS, M. SKOUROLIAKOU. **Medication Use by Athletes at the Athens 2004 Olympic Games.** Hellenic Sports Medicine, 1, Supplement 1, 51, 2006
68. C. TSITSIMPIKOU. **Doping Control Services provided during the Athens 2004 Olympic and Paralympic Games.** Environ Sci & Pollut Res, 3, 132-133, 2002

PUBLICATIONS of chapters IN BOOKS

- **THE OLYMPICS Medical Care.** Editor in Chief Christos Lolos. *ODYSSEAS PUBLICATIONS*. 2008
- **History of industrial equipment in Greece.** 1997. ΕΜΠ-ΕΙΕ. University Publications NTUA – ULISSES Pubs.
- **Natural Products in the New Millenium: Prospects and Industrial Applications.** 2001. Kluwer Academic Publishers b.v