

## CURRICULUM VITAE

### PERSONAL DATA

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**Surname:** TZAKOU

**First Name:** OLGA

**Academic Position :** Professor

School of Pharmacy, University of Athens

**Professional Address:**

University of Athens, School of Pharmacy, Department of  
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### BIBLIOMETRICS

Publications: 145, Congress Participation: >170, Citations: >1,600, h-index : 22

### EDUCATIONAL QUALIFICATIONS

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- ◆ B.Sc. in Pharmacy, School of Pharmacy, University of Athens (December 1983).
- ◆ License of Pharmaceutical profession, Ministry of Health, Athens (June 1984).
- ◆ Special Postgraduate Scholarship (E.M.Y.) Department of Pharmacognosy, School of Pharmacy, University of Athens (6/1985-2/1988).
- ◆ Ph. D. in Pharmacy, Department of Pharmacognosy, School of Pharmacy, University of Athens (February 1988).
- ◆ Training at the Institute of Systematic Botany, Department of Ecology and Systematics, Faculty of Biology, University of Athens (1992-1994).
- ◆ Postdoctoral researcher at the Pharmaco-Biological Department, School of Pharmacy, University of Messina, Italy (11/94-12/94, 6/1996, 9/1998, 9/1999).

### PROFESSIONAL ACTIVITIES

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- ◆ *Professor*, Department of Pharmacognosy and Chemistry of Natural Products, School of Pharmacy, UoA (9/2013-today).
- ◆ *Associate Professor*, Department of Pharmacognosy and Chemistry of Natural Products, School of Pharmacy, UoA (7/2003-9/2013).
- ◆ *Permanent Assistant Professor*, Department of Pharmacognosy and Chemistry of Natural Products, School of Pharmacy, UoA (5/1998-7/2003).
- ◆ *Temporary Assistant Professor*, Department of Pharmacognosy and Chemistry of Natural Products, School of Pharmacy, UoA (2/1995-5/1998).
- ◆ *Lecturer*, Department of Pharmacognosy, School of Pharmacy, UoA (11/1990-1/1995).
- ◆ *Pharmacist* of Hippocraton General Hospital (12/1989-10/1990).

### RESEARCH INTERESTS

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- ◆ Study of volatile metabolites mainly of Mediterranean plants in different vegetative stages in order to clarify their chemical profiles and to detect the conditions and period that they yield the optimum concentrations of bioactive metabolites.
- ◆ Chemotaxonomic study of taxa, which are uncertain to their taxonomic position. Study of geographic, seasonal variation, interpopulation differentiation and identification of diagnostic biomarkers.
- ◆ Phytochemical analysis mainly of Mediterranean plants for detection-isolation-structure elucidation of bioactive metabolites.

- ◆ Investigation of the allelopathic potential of natural products, their activity as insect repellent, fugistatic, fungitoxic and larvicide in order to be used as alternative remedies.

### ***PROFESSIONAL AFFILIATIONS***

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#### **Member of Scientific Societies & Organisms**

- ◆ Phytochemical Society of Europe (PSE)
- ◆ Society for Medicinal Plant Research (GA)
- ◆ American Association for the Advancement of Science (AAAS)
- ◆ International Society for Horticultural Science (ISHS)
- ◆ Associazione Internazionale per lo Sviluppo della Medicina Tradizionale
- ◆ Member of the Greek Cosmetology Association
- ◆ Member of the Greek Pharmaceutical Society (EFE)
- ◆ Member of the Greek Pharmacists Association
- ◆ Member of the Greek Association for the Protection of Nature
- ◆ Member of the World Funds for Nature Preservation (WWW)

#### **Member of the Editorial Board of Scientific Journals**

- ◆ Journal of Food, Agriculture and Environment
- ◆ Records of Natural Products

#### **Reviewing for Scientific Journals**

African Journal of Biotechnology	Journal of Essential Oil Bearing Plants
Biochemical Systematics and Ecology	Journal of Ethnopharmacology
Central European Journal of Biology	Journal of Food, Agriculture and Environment
Chemical Papers	Journal of Plant Interactions
Chromatografia	Journal of the Science of Food and Agriculture
Crop Protection	Lipids in Health and Disease
Flavour and Fragrance Journal	Molecules
Fitoterapia	Natural Product Communication
Food Chemistry	Natural Product Research
Industrial Crop Products	Phytochemistry
Journal of Agricultural and Food Chemistry	Phytochemistry Letters
Journal of Chemistry	Phytotherapy Research
Journal of Coastal Life Medicine	Plant Systematics and Evolution
Journal of Environmental Management	Records of Natural Products
Journal of Essential Oil Research	Zeitschrift f. Naturforschung

#### **Research Proposals Assessor**

- Research Proposals Assessor funded by the Promotion Foundation of Cyprus.
- Research Proposals Assessor of EUROCORES programme funded by the European science foundation (ESF).
- Research Proposals Assessor of the Research Committee of the University of Crete (ELKE).
- Assessor for the Scholarship Program of I.K.Y. (State Scholarships Foundation) through an individual assessment-horizontal procedure - NSRF.

#### **Member of the Organization of Scientific Conferences**

- ◆ Member of the organizing committee for *Trends in Natural Products Research: A PSE Young Scientists' Meeting*, Kolympari-Crete, Greece, 12-15 June 2011.
- ◆ Member of the organizing committee for *CSUWPD 2010: Conservation and Sustainable Use of Wild Plant Diversity*, Kolympari, Chania, Crete, Greece, 5-8 May 2010.
- ◆ Member of the organizing committee for *7<sup>th</sup> Joint Meeting of AFERP, ASP, GA, PSE & SIF*, Athens, Greece, 3-8 August 2008.

- ◆ Member of the organizing committee for “4<sup>nd</sup> AMAPSEC Conference on Medicinal and Aromatic Plants of South-East European Countries”, Iasi, Romania, 18-31 May 2006.
- ◆ Member of the organizing committee for *International PSE Symposium “Chemistry and Biology of Marine Organisms”* Phytochemical Society of Europe, Kolympari, Chania, Crete, Greece, 21-26 September 2003.
- ◆ Member of the organizing committee for “2<sup>nd</sup> AMAPSEC Conference on Medicinal and Aromatic Plants of South-East European Countries”, Chalkidiki, 29 September-3 October 2002.
- ◆ Member of the organizing committee for 5<sup>th</sup> Symposium “THEOPRASTOS” *Natural Products: Sources-Evaluation-Utilization*, Zagoria, Epirus, 17-19 June 2000.
- ◆ Member of the organizing committee for 3<sup>rd</sup> Symposium “THEOPRASTOS” *Natural Products and Phytotherapy*, Athens, May 1998.
- ◆ Member of the organizing committee for “1<sup>st</sup> Euroconference on Marine Natural Products”, Training and Mobility of Researchers: Euroconference action, Athens, 2-6 November 1997.
- ◆ Member of the organizing committee for *Botanical F.I.P. Meeting*, Botanical excursion of the International Pharmaceutical Federation in Greece, May 1995.

## SCIENTIFIC PUBLICATIONS

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### MONOGRAPHS AND CHAPTERS IN BOOKS

**Tzakou O.** 1988 «Study of the chemical constituents of *Galium melanantherum* Boiss.» PhD Thesis (in Greek), University of Athens, Athens, Greece.

**Tzakou O.** 2001 «Stilbenoids, Withasteroids, Limonoids, Quassinoids» Athens, teaching manual for the postgraduate course “Chemistry of Natural Products III” (School of Pharmacy, National and Kapodistrian University of Athens).

**Tzakou O.** 2004 «Plants containing iridoid glycosides and drugs thereof» in the thematic module ‘Terpenoids-Iridoids’, teaching manual for the undergraduate course “Pharmacognosy” in School of Pharmacy, University of Novi Sad.

Galati E.M., **Tzakou O.**, Miceli N., Pizzimenti F., Rapisarda A. 2006 “Pharmacognostic screening on *Nepeta sibthorpii* Benthham” Globalisation of Herbal Health, in “Recent Progress in Medicinal Plants”, Eds. Sharma A.K., Singh V.K., Govil J.N., Goyal N.K., vol. 12, Studium Press, Texas pp. 239-256.

Manolakou S., Pitarokili D., Koliopoulos G., Michaelakis A., **Tzakou O.** 2009 “Essential oil composition of different parts of Greek *Foeniculum vulgare* and larvicidal activity of the stem oil” In “Essential Oils and Aromas: Green Extractions and Applications”, part 2. Essential oils: green applications, Ed. Chemat F., Har Krishan Bhalla & Sons, Dehradun, India, pp. 271-283.

### PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Tzakou O.**, Philianos S., Harvala C. Contribution à l'étude des composés polyphénoliques de *Galium melanantherum* Boiss. *Plantes médicinales et phytothérapie*, **1988**, Tome XXII, no. 4, 261-266.
2. **Tzakou O.**, Loukis A., Philianos S. Constituants de l'extrait éthéro-pétrolique de *Galium melanantherum* Boiss. *Biologia Gallo-hellenica*, **1990**, vol. 17, 49-52.
3. Skaltsa H., **Tzakou O.**, Koupparis M., Philianos S. Specific differential spectrophotometric determination of ascorbic acid in plants using ascorbate oxidase. *Analytical letters*, **1987**, 20, 1967-1961.

4. **Tzakou O.**, Skaltsa H., Philianos S. Sur les constituants polyphénoliques des sommités fleuries de *Tilia tomentosa* Moench. *Plantes médicinales et phytothérapie*, **1987**, Tome XXI, 305-310.
5. **Tzakou O.**, Loukis A., Philianos S. Constituents of petroleum extract of *Galium heldreichii* Hal. *Fitoterapia*, **1988**, vol. LIX, 254.
6. Paris R., **Tzakou O.**, Couladi M., Philianos S. Sur les constituants polyphénoliques des parties aériennes de *Galium heldreichii* Hal. *Plantes médicinales et phytothérapie*, **1988**, Tome XXII, 45-50.
7. Chinou I., **Tzakou O.**, Harvala C. Etude comparative des acides aminés libres de trois espèces du genre *Cynara*, (Artichaut), *Biologia Gallo-hellenica*, **1988**, 14, 55-58.
8. Skaltsa H., **Tzakou O.**, LOUKIS A. Analyse de l'huile essentielle d'*Ocimum sanctum* L. *Plantes médicinales et phytothérapie*, **1988**, Tome XXII, 280-282.
9. Skaltsa-Diamantidis H., **Tzakou O.**, Loukis A., Argyriadou N. Analyse de l'huile essentielle d'*Ocimum sanctum* L.-nouveaux résultats. *Plantes médicinales et phytothérapie*, **1990**, Tome XXIV, 79-81.
10. **Tzakou O.**, Couladi M., Philianos S. Fatty acids and sterols in spring and winter samples of *Galium aparine* L. *Fitoterapia*, **1990**, vol. LXI, 53-56.
11. Skaltsa-Diamantidis H., Tsitsa-Tzardi E., **Tzakou O.** Analysis of the essential oil of *Melittis melissophyllum* L. subsp. *albida* Guss. *J. Essent. Oil Res.*, **1991**, 3, 367-368.
12. **Tzakou O.**, Vayas K., Philianos S. Sur les constituants polyphénoliques des parties aériennes de *Galium heldreichii* Hal. 2ème communication. *Plantes médicinales et phytothérapie*, **1991**, Tome XXV, 123-126.
13. **Tzakou O.**, Philianos S., Giannitsaros A. Free amino acids in four species of *Galium* L. *Biologia Gallo-hellenica*, **1991**, vol. 17, 53- 56,.
14. **Tzakou O.**, Shammas G., Couladis M. Sterol composition of *Hirschfeldia incana*. *Fitoterapia*, **1993**, vol. LXIV, 89.
15. **Tzakou O.**, Loukis A., Argyriadou N. Volatile constituents of *Achillea crithmifolia* flowers from Greece. *J. Essent. Oil Res.*, **1993**, 5, 345-346.
16. . Skaltsa H., Couladis M., **Tzakou O.**, Harvala C. Flavonoids from *Satureja Juliana*. *Fitoterapia*, **1993**, vol. LXV, 93.
17. Perdetzoglou D., Skaltsa H., **Tzakou O.**, Harvala C. Comparative phytochemical and morphological study of two species of the *Scabiosa* L. genus. *Feddes Repertorium*, **1994**, 105, 157-165.
18. **Tzakou O.**, Verykokidou E., Harvala C. Comparative HPLC analysis of polyphenolic compounds in four species of *Galium* L. *J. Liq. Chrom.*, **1994**, 17, 4463-4467.
19. Verykokidou E., **Tzakou O.**, Loukis A., Roussis V. The Chemical Composition of the Essential Oil of *Athamanta macedonica* (L.) Sprengel subsp. *macedonica* from Greece. *J. Essent. Oil Res.*, **1995**, 7, 335-336.
20. **Tzakou O.**, Loukis A., Verykokidou E., Roussis V. Chemical Constituents of the Essential Oil of *Achillea ligustica* All. from Greece. *J. Essent. Oil Res.*, **1995**, 7, 549-550.
21. **Tzakou O.** \*, Couladis M., Verykokidou E., Loukis A. Leaf Flavonoids of *Achillea ligustica* and *Achillea holosericea*. *Biochem. Syst. Ecol.*, **1995**, 23, 569-570.
22. **Tzakou O.** \*, Skaltsa H., Harvala C. Flavonoids from *Achillea crithmifolia* Waldst. & Kit. *Scientia Pharmaceutica*, **1996**, 64, 197-202.
23. Galati M., Germano M. P., Rossito A., **Tzakou O.\***, Skaltsa H., Roussis V. Essential Oil of *Sideritis raeseri* Boiss. et Heldr. ssp. *raeseri*. *J. Essent. Oil Res.*, **1996**, 8, 303-304.
24. **Tzakou O.\***, Roussis V., Loukis A., Harvala C., Galati E. M., Germano M. P. Essential Oil Analysis of *Teucrium divaricatum* Heldr. ssp. *divaricatum* Growing in Greece. *Flavour and Fragrance Journal*, **1997**, 12, 113-115.
25. Chinou B., Roussis V., Perdetzoglou D., **Tzakou O.**, Loukis A. Chemical and Antibacterial Studies of two *Helichrysum* Species of Greek Origin. *Planta Medica*, **1997**, 63, 181-183.

26. Galati M., Sanogo R., **Tzakou O.**, Rossito A., Germano M. P. Antiulcerogenic Activity of *Teucrium divaricatum* Heldr. ssp. *divaricatum*. *Phytotherapy Research*, **1997**, 11, 572-575.
27. **Tzakou O.\***, Verykokidou E., Roussis V., Chinou I. Chemical Composition and Antibacterial Properties of *Thymus longicaulis* subsp. *chaubardii* Oils: Three Chemotypes in the Same Population. *J. Essent. Oil Res.*, **1998**, 10, 97-99.
28. Skaltsa H., **Tzakou O.**, Singh M. Polyphenols of *Ocimum sanctum* from Suriname. *Pharmaceutical Biology*, **1998**, 36, 1-7.
29. Pitarokili D., **Tzakou O.\***, Couladis M., Verykokidou E. Composition and Antifungal activity of the Essential Oil of *Salvia pomifera* subsp. *calycina* Growing Wild in Greece. *J. Essent. Oil Res.*, **1999**, 11, 655-659.
30. Roussis V., Couladis M., **Tzakou O.**, Loukis A., Petrakis P., Dukic N. M., Jancic R. A Comparative Study on the Needle Volatile Constituents of three *Abies* species grown in South Balkans. *J. Essent. Oil Res.*, **2000**, 12, 41-46.  
Έχει επίσης συμπεριληφθεί στο βιβλίο: Lawrence, B.M. (Ed.): *The Journal of Essential Oil Research. Fragrance Oils and Extracts. JEOR Compilation. Allured. 2006. ISBN-10: 1-932633-18-9. ISBN-13: 978-1-932633-18-4. 2006.*
31. Tsitsa E., **Tzakou O.\***, Loukis A. Volatile Constituents of *Erica manipuliflora* Salisb. from Greece. *J. Essent. Oil Res.*, **2000**, 12, 67-68.
32. **Tzakou O. \***, Harvala C., Galati E. M., Sanogo R. Essential oil composition of *Nepeta argolica* Bory et Chaub. subsp. *argolica*. *Flav. Fragr. J.*, **2000**, 15, 115-118.
33. Couladis M., Tanimanidis A., **Tzakou O.**, Chinou I. B., Harvala C. Essential Oil of *Phlomis lanata* Growing in Greece: Chemical Composition and Antimicrobial Activity. *Planta Med.*, **2000**, 66, 670-672.
34. Galati E. M., Mondello M. R., Aquino A. D., Miceli N., Sanogo R., **Tzakou O.**, Monforte M. T. Effects of *Teucrium divaricatum* Heldr. ssp. *divaricatum* decoction on experimental ulcer in rats. *J. Ethnopharm.*, **2000**, 77, 337-342.
35. Couladis M., **Tzakou O.** Volatile Constituents of *Cerastium candidissimum* Corr. from Greece. *J. Essent. Oil Res.*, **2000**, 12, 691-692.
36. **Tzakou O.\***, Pitarokili D., Chinou I. B., Harvala C. Composition and Antimicrobial Activity of the Essential Oil of *Salvia ringens*. *Planta Med.*, **2001**, 67, 81-83.
37. **Tzakou O.\***, Couladis M. The essential oil of *Micromeria graeca* (L.) Bentham et Reichenb. growing in Greece. *Flav. Fragr. J.*, **2001**, 16, 107-109.
38. **Tzakou O.**, Yannitsaros A., Vassiliades D. Investigation of the C16:3/C18:3 fatty acid balance in leaf tissues of *Biebersteinia orphanidis* Boiss. (Biebersteiniaceae). *Biochem. Syst. Ecol.*, **2001**, 29, 765-767.
39. Couladis M., **Tzakou O.** Essential Oil Composition of *Calamintha nepeta* subsp. *glandulosa* from Greece. *J. Essent. Oil Res.*, **2001**, 13, 11-12.
40. Couladis M., **Tzakou O.**, Stojanovic D., Mimica-Dukic N., Jancic R. The essential oil composition of *Salvia argentea* L. *Flav. Fragr. J.*, **2001**, 16, 227-229.
41. Petrakis P. V., Tsitsimpikou CH., **Tzakou O.**, Couladis M., Vagias C., Roussis V. Needle volatiles from five *Pinus* species growing in Greece. *Flav. Fragr. J.*, **2001**, 16, 249-252.
42. Ahmed A. A., Mahmoud A. A., Ahmed U. M., **Tzakou O.**, Couladis M., Spring O., Mabry T. J. Clerodane diterpenoids from *Teucrium divaricatum* Heldr. ssp. *divaricatum*. *Revista Latinoamericana de Quimica*, **2001**, 29, 23-25.
43. **Tzakou O.\***, Couladis M. Essential Oil of *Ruta chalepensis* L. from Greece. *J. Essent. Oil Res.*, **2001**, 13, 258-259.
44. **Tzakou O.\***, Petropoulou A., Constantinidis TH., Harvala C. Volatile Compounds of Two Members of *Inula verbascifolia* group: *I. verbascifolia* subsp. *parnassica* and *I. verbascifolia* subsp. *methanea*. *J. Essent. Oil Res.*, **2001**, 13, 364-366.
45. Couladis M., **Tzakou O.** The Oil of *Fumana thymifolia* (L.) Spach ex Webb from Greece. *J. Essent. Oil Res.*, **2001**, 13, 434-435.

46. Trovato A., Raneri E., Couladis M., **Tzakou O.**, Taviano M. F., Galati E. M. Anti-inflammatory and analgesic activity of *Hypericum empetrifolium* Willd. (Guttiferae). *Il Farmaco*, **2001**, 56, 455-457.
47. Rapisarda A., Galati E. M., **Tzakou O.**, Flores M., Miceli N. *Nepeta sibthorpii* Benth (Lamiaceae): micromorphological analysis of leaves and flowers. *Il Farmaco*, **2001**, 56, 413-415.
48. Pitarokili D., Kalamarakis A., **Tzakou O.\*** Activity of the Essential Oil of *Salvia pomifera* L. subsp. *calycina* (Sm.) Hayek against Soil Borne Pathogens. *J. Essent. Oil Res.*, **2002**, 14, 72-75.
49. Couladis M., **Tzakou O.\***, Demetzos C., Perdetzoglou D. Chemical Composition and Antibacterial Activity of the Oil of *Acinos suaveolens* (Sibth. et Sm.) G. Don f. from Greece. *J. Essent. Oil Res.*, **2002**, 14, 139-140.
50. **Tzakou O.\*** The essential oil of *Sideritis raeseri* Boiss. et Heldr. subsp. *attica* (Heldr.) Pap. et Kok. *J. Essent. Oil Res.*, **2002**, 14, 376-377.
51. Couladis M., **Tzakou O.**, Mimica-Dukic N., Jancic R., Stojanovic D. Essential Oil of *Salvia officinalis* L. from Serbia and Montenegro. *Flav. Fragr. J.*, **2002**, 17, 119-126.
52. Ahmed A., Mahmoud A. A., Ali E. T., **Tzakou O.**, Couladis M., Mabry T. J., Gati T., Toth G. Two highly oxygenated eudesmanes and 10 lignans from *Achillea holosericea*. *Phytochemistry*, **2002**, 59, 851-856.
53. Kovacevic N., Pavlovic M., Menkovic N., **Tzakou O.**, Couladis M. Composition of the essential oil from roots and rhizomes of *Valeriana pancicii* Halacsy & Bald. *Flav. Fragr. J.*, **2002**, 17, 355-357.
54. Ahmed A. A., El-Hamd A. Mohamed H., **Tzakou O.**, Gani A., Yannitsaros A., El-Maghraby M. A., Hassan M. E., Zeller K. P. Three Pyrone Glucosidic Derivatives from *Conyza albida*. *Planta Med.*, **2002**, 68, 664-666.
55. Sokovic M., **Tzakou O.\***, Pitarokili D., Couladis M. Antifungal activities of selected aromatic plants growing wild in Greece. *Nahrung/Food*, **2002**, 46, 317-320.
56. Pitarokili D., Couladis M., Petsikos-Panayotarou N., **Tzakou O.\*** Composition and Antifungal Activity on Soil-Borne Pathogens of the Essential Oil of *Salvia sclarea* from Greece. *J. Agric. Food Chem.*, **2002**, 50, 6688-6691.
57. Economou G., **Tzakou O.**, Gani A., Yannitsaros A., Bitalis D. Allelopathic activity of *Conyza albida* on *Avena sativa* and *Spirodela polyrhiza*. *J. Agronomy & Crop Science*, **2002**, 188, 248-253.
58. Couladis M., Chinou I. B., **Tzakou O.**, Loukis A. Composition and antimicrobial activity of the essential oil of *Ballota pseudodictamnus* (L.) Benth. *Phytother. Res.*, **2002**, 16, 723-726.
59. Couladis M., **Tzakou O.**, Verykokidou E., Harvala C. Screening of Some Greek Aromatic Plants for Antioxidant Activity. *Phytother. Res.*, **2003**, 17, 194-195.
60. **Tzakou O.\***, Couladis M., Slavkovska V., Mimica-Dukic N., Jancic R. The essential oil composition of *Salvia brachyodon* Vandas. *Flav. Fragr. J.*, **2003**, 18, 2-4.
61. Badisa R. B., **Tzakou O.**, Couladis M., Pilarinou E. Cytotoxic Activities of Some Greek Labiatae Herbs. *Phytother. Res.*, **2003**, 17, 472-476.
62. Couladis M., Chinou I., **Tzakou O.**, Petrakis P. V. Composition and Antimicrobial Activity of the Essential Oil of *Hypericum rumeliacum* subsp. *apollinis* Boiss. & Heldr. *Phytother. Res.*, **2003**, 17, 152-154.
63. Özcan M., **Tzakou O.**, Couladis M. Essential Oil Composition of Turkish herbal tea (*Salvia aucheri* Benth. var. *canescens* Boiss. & Heldr.). *Flav. Fragr. J.*, **2003**, 18, 325-327.
64. **Tzakou O.\***, Skaltsa H. Composition and Antibacterial activity of the Essential Oil of *Satureja parnassica* subsp. *parnassica*. *Planta Med.*, **2003**, 69, 282-284.
65. Ahmed A. A.\*, El-Hamd H. Mohamed A., **Tzakou O.\***, Petropoulou A., Hassan M. E., El-Maghraby M. A., Zeller P.-K. Terpenes from *Inula verbascifolia*. *Phytochemistry*, **2003**, 62, 1191-1194.

66. Couladis M., Özcan M., **Tzakou O.**, Akgul A. Comparative essential oil composition of various parts of the turpentine tree (*Pistacia terebinthus* L.) growing in Turkey. *J. Sci. Food Agric.*, **2003**, 83, 136-138.
67. Pitarokili D., **Tzakou O.\***, Loukis A., Harvala C. Volatile metabolites from *Salvia fruticosa* as antifungal agents in soil borne pathogens. *J. Agric. Food Chem.*, **2003**, 51, 3294-3301.
68. Ahmed A.A., Gati T., Hussein T.A, Ali A.T., **Tzakou O.A.**, Couladis M.A., Mabry T.J., Toth G. Ligustolide A and B, two novel sesquiterpenes with rare skeletons and three 1,10-secoguaianolide derivatives from *Achillea ligustica*. *Tetrahedron*, **2003**, 59, 3729-3735.
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70. Couladis M., **Tzakou O.**, Kujuncic S., Sokovic M., Mimica-Dukic N. Chemical Analysis and Antifungal Activity of *Thymus striatus*. *Phytoth. Res.*, **2004**, 18, 40-42.
71. Mimica Dukic N., Couladis M., **Tzakou O.**, Jancic R., Slatkovska V. Essential oil of *Calamintha sylvatica* Bromf. and *Calamintha vardarensis* Silic. *J. Essent. Oil Res.*, **2004**, 16, 219-222.
72. Pavlovic M., Kovacevic N., **Tzakou O.**, Couladis M. The essential oil of *Valeriana officinalis* L. s.l. growing wild in west part of Serbia. *J. Essent. Oil Res.*, **2004**, 16, 397-399.
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74. **Tzakou O.\***, Gani A., Economou G., Yannitsaros A. Chemical composition and allelopathic activity of oil and volatile fractions of *Conyza albida* Willd. ex Sprengel from Greece. *J. Essent. Oil Res.*, **2004**, 16, 425-428.
75. Galati E.M., Miceli N., Galluzo M., Taviano M.F., **Tzakou O.** Neuropharmacological Effects of Epinepetalactone from *Nepeta sibthorpii*. Behavioural and Anticonvulsant Activity. *Pharm. Biol.*, **2004**, 42, 391-395.
76. Badisa R.B., **Tzakou O.\***, Couladis M., Pilarinou E. Cytotoxic Activities of *Salvia* Plants of the Labiatae family. *Pharm. Biol.*, **2004**, 42, 640-645.
77. **Tzakou O.\***, Couladis M., Pavlovic M., Sokovic M. Chemical composition and antifungal activity of the oil of *Valeriana dioscoridis* Sibth. & Sm. from Greece. *J. Essent. Oil Res.*, **2004**, 16, 500-503.
78. Miceli N., Taviano M.F., Giuffrida D., **Tzakou O.**, Galati E.M. Anti-inflammatory activity of extract and fractions from *Nepeta sibthorpii* Benth. *J. Ethopharmacol.*, **2005**, 97, 261-266.
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