

CURRICULUM VITAE

SURNAME: MITAKOU
FIRST NAMES: Sofia
DATE OF BIRTH: 23-04-1958
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RESIDENTIAL ADDRESS: Dionyssou 29, Melissia, 15127, Athens, Greece
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EDUCATIONAL QUALIFICATIONS

- Degree in Pharmacy: University of Athens (1981).
- MSc in Medicinal Chemistry - Natural Products Chemistry: Faculty of Pharmacy, University of PARIS V, Paris (1984).
- Ph.D. in Pharmacy - Therapeutic Chemistry of Natural Products, Distinction with Honors, Faculty of Pharmacy, University of PARIS V, Paris (1987).
- Post-doctoral training in the Laboratory of Pharmacognosy Faculty of Pharmacy, University of PARIS V, Paris (09/1987-06/1989, 04/1990-05/1990)
- Post-doctoral training at Institut Curie, Laboratory of Organic Chemistry, Paris (01/1993-08/1993).

PROFESSIONAL ACTIVITIES

- Assistant: Pharmacognosy Laboratory, University of PARIS V, Paris (1984-1989)
- Lecturer: Division of Pharmacognosy, Department of Pharmacy, University of Athens (1990 - 1994)
- Assistant Professor: Division of Pharmacognosy, Department of Pharmacy, University of Athens (1995 - 2002)

- Associate Professor: Division of Pharmacognosy, Department of Pharmacy, University of Athens, (2002- 2013)
- Professor: Division of Pharmacognosy, Department of Pharmacy, University of Athens, (2013- today)

RESEARCH INTERESTS

Isolation, separation and structure determination of new lead compounds with pharmaceutical, nutraceutical and cosmetic interest, from natural sources.

Drug Discovery: Design and synthesis of new molecules of natural origin with pharmacological interest (antitumor, antiviral, antibiotics, estrogen/antiestrogen, kinase inhibitors); structure-activity relationships

Pharmacological evaluation of isolated compounds, crude plant extracts and volatile components, in collaboration with other research institutions.

Exploitation of natural sources for the development of products with research and commercial interest.

OTHER ACTIVITIES

International awards: UNIFAR 1984 and 1986, ROYSSEL 1985. Dissertation Award, FONDATION ROBERT, 1987.

Member of scientific societies: Society for Medicinal Plant Research (GA), French Society of Pharmacognosy (AFERP), American Society of Pharmacognosy (ASP), American Chemical Society (ACS).

Reviewer of scientific journals: Journal of Natural Products, Planta Medica, Phytochemistry, Anticancer Research, Biochemical Systematic and Ecology, Fitoterapia, Journal of Essential Oils Research, Journal of Agricultural and Food Chemistry, Journal of Medicinal Food, Natural Products Research, Natural Products Communications, Journal of Ethnopharmacology, Current Pharmaceutical Analysis.

Participation in organization of international meetings:

- Laboratory Network - organization of a workshop on "Anticancer Drugs - Recent Developments" (1998).
- Laboratory Network" Environmental estrogens and their effects on

human health" (2000-2001). •2nd International congress of AFERP, 2002, 19-21, September Athens, Greece; •7th Joint meeting of AFERP, ASP, GA, PSE & SIF, (1200 participants from 80 countries, the most important scientific event on Natural product Chemistry and Biology organized by the European and American Scientific Societies every 4 years). 2008, 3-8, August, Athens, Greece; •30th International Symposium on the Chemistry of Natural Products and the 10th International Congress on Biodiversity (ISCNP30 & ICOB10) 20018, November 25 – 29, Athens, Greece.

Participation in submission and management of educational grants

- EPEAEK 2000 "Reform of Undergraduate Studies, Department of Pharmacy, University of Athens, focusing on integrating new technologies - multimedia in the educational process"
- EPEAEK 2003 Graduate Studies: "Isolation, development, production and control of bioactive natural products (medicines, cosmetics, nutraceuticals)"

Member of the “Committee of Educational Programs” of the Department of Pharmacy

TEACHING ACTIVITIES

Undergraduate courses, Department of pharmacy, University of Athens

- “Pharmacognosy II”, 3rd year students (2000 - today)
- “Spectroscopy of Natural Products”, 3rd year students (1995 – 2010)
- “Special courses of Pharmacognosy”, 4th year (2011 – today)

Postgraduate courses, Department of pharmacy, University of Athens

- “Spectroscopy I”, M.Sc. students (1995 – today)

Supervision of postgraduate students, Department of Pharmacy, University of Athens

Supervisor of 7 already completed and 3 ongoing Ph.D. Theses

Fokialakis Nicolas (2004), Halabalaki Maria (2005), Kotsou Paraskevi – Maria (2006), Agalias Apostolos (2006), Grougnet Raphael - These en Cotutelle (2006), Kalpoutzakis Eleftherios (2007), Agelis Apostolos (2012).

Makropoulou Maria, Stavropoulou Marianna, Haita Eliza (ongoing)

Member of the Advisory Committee of 8 already completed and 7 ongoing Ph.D. Theses

Mitrokotsa Dimitra (1998), Magiatis Prokopios (2000), Aligiannis Nektarios (2002), Polychronopoulos Panos (2005), Georgopoulou Caterina (2007), Bazoti Fotini (2008), Paraschos Sotiris (2010), Tsiripillou Fotini (2010).

Xinos Nikos, Kouloura Irini (These en Cotutelle), Thai Quoc – Dang (These en Cotutelle), Tchoumtchoua Job, Papaefstathiou Giorgos, Dimitrakoudi Sapfo, Svoraki Alexandra (ongoing).

Educational programs

Socrates - Erasmus (Academic Coordinator)

With the Faculty of Pharmacy, University of PARIS V (France) (1997-today).

Socrates - Erasmus (Academic Coordinator)

With the Faculty of Pharmacy, University of ROUEN (France) (2001-today).

As part of these educational programs 3-6 undergraduate and / or postgraduate students from the Department of Pharmacy- University of Athens move to the University of PARIS V and the University of ROUEN every academic year, while the Department of Pharmacy of the University of Athens receive an equivalent number of French students from these Universities annually.

RESEARCH GRANTS

28 National Grants, 5 European grants, 5 projects financed by private institutions (38 Research grants of a total budget ~ 5.000.000 €).

NATIONAL GRANTS

PENED (Principal Investigator) “Synthesis of glycosides of natural products with antitumor activity. Control at various stages of differentiation of normal and cancerous lymphocytes and creation of standard diagnostic tests to their measurement” (1994-1996) (Scientific responsible)

PENED “Virustatic activity of *Hypericum perforatum* L. Chemical study, antiviral activity and toxicity *in vitro*” (1996-1998).

PENED “Synthesis and pharmacological activity of new anticancer molecules of natural origin” (1996-1998).

YPER - PHARMATEN Company “Synthesis and biochemical study of new polyphenolic compounds with anticancer activity” (1999-2001) (Scientific responsible)

YPER - GEROLYMATOS Company “Synthesis and pharmacological evaluation of new acylated flavonoids” (1999-2001).

PAVE - PHARMATEN Company “Development of new chemopreventive molecules of natural origin” (1999-2001) (Scientific responsible)

PAVE - PHARMATEN Company “Development of new natural and synthetic molecules for the treatment of osteoporosis” (2000-2001) (Scientific responsible)

PLATON Bilateral Cooperation Programme Greece / France (Institut Curie, Laboratoire de Chimie Organique) “Synthesis of novel anticancer anthracyclines, alkylated in position 9, by total synthesis or semi-synthesis” (2000-2001) (Scientific responsible)

PAVE - GIOTIS Company "Design, development and production of instant formulations based on cereals and plants used in traditional diet "(2001-2002) (Scientific responsible)

PAVE - LAVIPHARM Company "Development of biologically active products with antimicrobial and healing effects from plants of traditional therapeutic "(2001-2002)

EPET II - LAVIPHARM Company “Phytochemical analysis and bioavailability of constituents from Greek varieties of olive tree, vine and tomato” (2001-2003).

PENED “Analysis of the chemical composition and exploration of the biological role of active ingredients from Greek varieties of Olives and Olive Oil” (2002-2005) (Scientific responsible)

PENED “Biologically active constituents of sesame: Isolation, structure determination, quantitative and qualitative analysis, study of their biological activity and bioavailability” (2002-2005) (Scientific responsible)

HRAKLEITOS I “Phytochemical study and pharmacological evaluation of the genus *Onobrychis* as source of phytoestrogens - Study of the effect of the plant *O. ebenoides* on osteoporosis” (2003-2005) (Scientific responsible)

PRAXE “Processing and marketing of aromatic and medicinal plants from the Greek flora. Application of new innovative technologies for the isolation of active ingredients” (2003-2006)

PRAXE “Application of new technologies for the exploration of biologically active ingredients of natural origin. Development of new medicines and cosmetics” (2003-2006) (Scientific responsible)

PENED “Effect of phytosterols of Chios Mastic gum in atherosclerosis” (2004-2007).

EPAN - GIOTIS Company “Design and development of new functional foods and dietary supplements based on the Mediterranean diet and biodiversity of the Greek flora” (2004-2007)

PYTHAGORAS I “Synthesis and study of anticancer compounds combined with natural antioxidants” (2004-2007)

COOPERATION PROGRAM VEPRO - HAITOGLOU Company “Exploitation of sesame pericarp for the extraction and isolation of bioactive components of high added value” (2006-2007)

COOPERATION PROGRAM VEPRO - LAVIPHARM Company “Evaluation of estrogenic molecules and their analogues - Development of innovative pharmaceutical and cosmetic products” (2006-2007) (Scientific responsible)

AKMON “Expansion of activities of the Laboratory of Pharmacognosy of the University of Athens in the field of Pharmaceutical Research and Analysis” (2006-2008)

PEP Ionian Islands - ROBOLA Company “Development and adaptation to a pilot / industrial scale of method integrated sustainable management of agricultural waste from Cephalonia and Ithaca islands, by recovering high added value products and composting” (2006-2008) (Scientific responsible)

PEP Central Macedonia - VIOELAS Company “Development of methodology for certification of aromatic and medicinal plants: Application to mountain tea” (2006-2008) (Scientific responsible)

HRAKLEITOS II “Effect of natural products, derived from plants of the Greek flora, on bone metabolism” (2011-2013) (Scientific responsible)

COOPERATION “Development of natural products and their analogues for the prevention and treatment of osteoporosis: metagenomic, proteomic and metabolomic approach” (2010 - 2014)

THALLES “Development of new selective estrogen receptor modulators to alleviate the symptoms of menopause” (2012-2015) (Scientific responsible)

COOPERATION “Utilization of green technologies to develop of high value-added cosmetic products based on the Greek flora” (2012-15)

RESEARCH & INOVATION Development of dietary supplements based on beets and rocket to improve athletic performance and treat cardiometabolic risk factors for metabolic syndrome VEGNO+ (2020-2023)

EUROPEAN GRANTS

LIFE ENVIRONMENT PROGRAM LIFE 00 ENV/gr/000671 Process development for an integrated olive oil mill waste management recovering natural antioxidants and producing organic fertilizer. "MINOS" (2001-2004).

LIFE ENVIRONMENT PROGRAM LIFE 03 ENV/gr/000223

Development of an economically viable process for the integrated management via utility of winemaking industry wastes: Production of high added value natural products and organic fertilizer. "DIONISSOS" (2003-2006).

Food, Nutrition and Health Improving health through dietary phytoestrogens: A pan-european network on consumer's issues and opportunities for producers. Proposal QLRT-2001-02453 "PHYTOHEALTH" (2003-2007)

FP7-KBBE-2009-3-1-04 Research, Technological Development and Demonstration Activities. From Biodiversity to Chemodiversity: Novel Plant Produced Compounds with Agrochemical and Cosmetic interest. "AGROCOS" (2010-2013)

FP7-PEOPLE-IAPP-2008 230763 Marie Curie Actions. Bioactive natural compounds extracted and isolated from olive tree using modern technologies: Probing into their therapeutic potential "OLITEC" (2010-2014)

FP7-PEOPLE IRSES-2010 Marie Curie Actions Exploring the Chemical Biodiversity with Innovative Approaches to Fight Chagas Disease and Leishmaniasis “ChemBioFight” (2011-2014)

FP7-REGPOT-2011-1, CSA 284460 INtegrating the emerging research Potential of the University of Athens-Cancer Research Group in the European research area “INsPiRE” (2011-2015)

FP7-PEOPLE-IAPP-2010 Marie Curie Actions. Integrated technologies for the discovery and development of cosmeceutical agents from plant biodiversity “Natprotec” (2011-2015)
H2020-MSCA-RISE-2015 Novel natural products for healthy ageing from Mediterranean diet and food plants of other global sources “Medihealth” (2016-2020)
PLANT UP - «Upgrading the Plant Capital (PlantUP) (2017-2021)
H2020-MSCA-RISE-2016 Bioactive compounds from *Olea europaea*: investigation and application in food, cosmetic and pharmaceutical industry “Olive-Net” (2017-2021)
NUTRA-FOOD - «Natural compounds based on Greek and Chinese edible plants for the development of innovative applications in the nutraceutical / food supplement industry (2019-2022)

GRANTS FROM PRIVATE ENTITIES

Research Program of Cooperation with the company ADEBIOFARM "Synthesis of new water-soluble derivatives of the anticancer alkaloid acronycine" (1994-1996)
Research Program with the company ADIR (Principal Investigator) “Pharmacological evaluation of plants from the Cretan flora" (1999-2004)
Research Program with the company LAVIPHARM "Development of new naturally occurring molecules of pharmaceutical interest" (2000-2001).
Research Program with the company PIERRE-FABRE "Development of new molecules of pharmaceutical interest from medicinal plants" (2001 - 2005).
Research Program with the company KORRES “Evaluation of plant extracts for the development of cosmetics” (2010)

GRANTS FINANCED BY THE RESEARCH COMMITTEE OF THE UNIVERSITY OF ATHENS (KAPODISTRIAS)

“Synthesis and biological study of new lipophilic anticancer 9-alkylanthracyclines" (1997).
“Evaluation of the antiviral activity of natural products and their derivatives" (1998).
“Synthesis and biological study of molecules with possible antitumor activity" (1999).
“Development of new natural and synthetic molecules for the treatment of osteoporosis" (2000)
“Bioguided isolation of molecules from plants of the Greek flora and synthesis of their analogues with selective action on the estrogen receptor” (2005)
“Analysis of bioactive constituents from the pericarp of sesame (*Sesamum indicum*)” (2007)
“Natural products with beneficial effects on skin aging - Bioguided isolation of molecules from plants of the Greek flora and their semisynthetic analogues with selective action on the estrogen receptor” (2008).

A) MONOGRAPHS & REVIEW ARTICLES

1. S. MITAKU

Alcaloides du bois et des feuilles de *Geijera* sp. (Rutacees). **D.E.A.** de Pharmacochimie, Option Substances Naturelles. Universite Rene Descartes, PARIS V, 1984.

2. S. MITAKU

Alcaloides de Rutacees Neo-Caledoniennes: *Geijera balansae*, *Sarcomelicope glauca* et *Sarcomelicope dogniensis*. Etude de la reactivite du systeme "chromene" de pyrannoquinolones et pyrannoacridones. **These the Doctorat.** Universite Rene Descartes, PARIS V, 1987.

3. S. MITAKU

ADEPT (Antibody Directed Enzyme Product Therapy): A new approach to cancer chemotherapy. **Pharmaceutiki** 1995, 8, 1-10.

4. A.L. SKALTSOUNIS, S. MITAKU, F. TILLEQUIN

Acridone Alkaloids: **The Alkaloids**, vol. 53, ed. G. Cordell, Academic Press, 2000 pp. 259-377.

5. S. MITAKOU

Natural Products with estrogenic activity **Klinikal Farmakology Review**, International Edition 2001, 15, 141-142.

6. S. MITAKOU

Notes for Undergraduate Elective courses of "**Spectroscopy of Natural Products.**", 1998

7. S. MITAKOU, E. SKAL TSA, AL SKALTSOUNIS

Notes for Undergraduate Courses of "**Pharmacognosy II**" 2005

8. R. GROUGNET, P. MAGIATIS, S. MITAKOU, AL. SKALTSOUNIS. Sesame seed coat: a rich source of potential mammalian lignan precursors. **Medicinal and Aromatic Plants - Industrial Profiles** 2011, 48, Sesame, 93-110, CRC Press.

9. PARASCHOS, S.; MITAKOU, S.; SKALTSOUNIS, A.-L. Chios mastic gum: a review of its biological activities **Current Medicinal Chemistry** 2012, 19 (14), 2292-2230, Ed. Bentham Science Publisher.

B) PATENTS

1. MALAMAS, AXARLIS, DEMETZOS, MITAKOU "Antiviral activity of *Hypericum perforatum* against human cytomegalovirus" 1995 (N0 960100396 - University of Athens/ University of Ioannina)

2. MITROKOTSA, MITAKOU, SKALTSOUNIS "Antiviral activity of flavonoids and the

extract of *Platanus orientalis* in human cytomegalovirus" 1999 (N0 980100204 - University of Athens / University of Ioannina)

3. FOTINOS, SPIROS; PANAITESCU, LIGIA; KLETSAS, DIMITRIS; PLATSINIS, HARRIS; ZERVOLEA, IRENE; SKALTSOUNIS, ALEXIOS-LEANDROS; MITAKOU, SOFIA; MAGIATIS, PROKOPIOS

"Use of mastic and its components for the control of microbial infections and proliferative conditions" From PCT Int. Appl. 2003, WO 2003092712 A1 20031113.

4. FOTINOS, SPIROS; PANAITESCU, LIGIA; SKLATSOUNIS, ALEXIOS-LEANDROS; MITAKOU, SOFIA; MAGIATIS, PROKOPIOS; ALIGIANNIS, NEKTARIOS; GALARIS, DIMITRIOS Compounds from olives as DNA protective antioxidants From PCT Int. Appl. 2003, WO 2003066034 A2 20030814.

5. M. CHALAMBALAKI, N. FOKIALAKIS, AL SKALTSOUNIS, S. MITAKOU, N. ALIGIANNIS, M. ALEXIS, H. PRATSINIS Onobrychis and Genista derived products for the prevention and therapy of hormone-depended diseases Applicant: University of Athens 2005 Publication number GR1004825 B1 20050223.

C) PUBLICATIONS IN INTERNATIONAL JOURNALS

1. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, J. PUSSET et G. CHAUVIERE Alcaloïdes de *Geijera balansae*. **J. Nat. Prod.**, 1985, **48**, 772-777.
2. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, J. PUSSET et G. CHAUVIERE Alcaloïdes de *Sarcomelicope glauca*. **J. Nat. Prod.**, 1986, **49**, 1091-1095.
3. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, J. PUSSET et G. CHAUVIERE. Four new acridone alkaloids from *Sarcomelicope dogniensis* Hartley (*Rutaceae*). **Heterocycles**, 1987, **26**, 2057-2063.
4. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH Synthesis of 1-hydroxy-1,2-dihydroacronycine and 2-hydroxy-1,2-dihydroacronycine. **Planta Medica**, 1988, **54**, 24-27.
5. S. MITAKU* et J. PUSSET Alcaloïdes de *Sarcomelicope pembaiensis* Hartley. **Plantes Medicinales et Phytotherapie**, 1988, **22**, 83-87.
6. M. BRUM-BOUSQUET, S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH Acronycine epoxide: a new acridone alkaloid from several *Sarcomelicope* species. **Planta Medica**, 1988, **54**, 470-471.
7. B.T. NGADJUI, J.F. AYAFOR, S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH Dehydration of hydroxy-hemiterpenoid quinoline alkaloids and synthesis of paraensidimerines. **J. Nat. Prod.**, 1989, **52**, 300-305.
8. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, et J. PUSSET Alcaloïdes des écorces de *Sarcomelicope dogniensis*. **Ann. Pharm. Fr.**, 1989, **47**, 149-156.
9. C. DEMETZOS, S. MITAKU, F. HOTELLIER, et A. HARVALA Heterosides Polyphenoliques de *Cistus creticus* L. **Ann. Pharm. Fr.**, 1989, **47**, 314-318.
10. A.L. SKALTSOUNIS, S. MITAKU, G. GAUDEL, F. TILLEQUIN, and M. KOCH Synthesis, glycosidations and resolution of (±)-lomatine. **Heterocycles**, 1992, **34**, 121-128.
11. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH Synthesis and glycosylation reactions of 3-halo-2,3,6-trideoxy-L *Arabino hexopyranoses*. **Synthesis**, 1992, 1068-1070.
12. G. BAUDOUIN, S. MITAKU, E. MIKROS, A.L. SKALTSOUNIS, and F. TILLEQUIN Thermal dimerization of noracronycine. **Heterocycles**, 1992, **34**, 1691-1696.
13. D. MITROKOTSA, S. MITAKU, C. DEMETZOS, C. HARVALA, A. MENTIS, S. PEREZ and D. KOKKINOPOULOS Bioactive compounds from the buds of *Platanus orientalis* L. and isolation of a new Kaempferol glycoside. **Planta Medica**. 1993, **59**, 517-520.

14. C. DEMETZOS, S. MITAKU, A. LOUKIS, C. HARVALA and A. GALLY. A new drimane sesquiterpene, isomers of manoyl oxide and other volatile constituents from the resin "Ladano" of *Cistus incanus subsp. creticus* (L.) Heywood. **Journal of Essential Oil Research**, 1994, **6**, 37-41.
15. C. DEMETZOS, S. MITAKU, A.L. SKALTSOUNIS, M. COULADIS, C. HARVALA and F. LIBOT Diterpene esters of malonic acid from the resin Ladano of *Cistus creticus*. **Phytochemistry**, 1994, **35**, 979-981.
16. C. DEMETZOS, S. MITAKU, M. COULADIS, C. HARVALA and D. KOKKINOPOULOS Natural metabolites of ent-13-epi-manoyl oxide and other cytotoxic diterpenes from the resin "Ladano" of *Cistus Creticus*. **Planta Medica**, 1994, **60**, 590-591.
17. L.C. BASCO, S. MITAKU, A.L. SKALTSOUNIS, N. RAVELOMANANTSOA, F. TILLEQUIN, M. KOCH and J. LE BRAS In vitro activities of furoquinoline and acridone alkaloids against *Plasmodium falciparum*. **Antimicrobiol. Agents Chemother.**, 1994, 1169-1171.
18. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, J. PUSSET and T. SEVENET New alkaloids from *Sarcomelicope dogniensis*. **Nat. Prod. Letters**, 1995, **7**, 219-225.
19. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, Y. ROLLAND, A. PIERRE and G. ATASSI Synthesis and Anti-proliferative activity of 2-hydroxy-1,2-dihydroacronycine glycosides. **Pharmaceutical Research**, 1996, **13**, 939-943.
20. A. ELOMRI, S. MITAKU, A.L. SKALTSOUNIS, S. MICHEL, F. TILLEQUIN, M. KOCH, S. LEONCE, N. GUILBAUD, A. PIERRE and G. ATASSI New acronycine derivatives with increased antitumor activity. **J. Med. Chem.**, 1996, **39**, 4762-4766.
21. P. MAGIATIS, S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, A. PIERRE and G. ATASSI Synthesis and biological activity of esters in the trans -1,2-dihydroxy-1,2-dihydroacronycine series. **J. Nat. Prod.**, 1998, **61**, 198-201.
22. E. KALPOUTZAKIS, I. CHINO, S. MITAKU, A.L. SKALTSOUNIS and C. HARVALA Antibacterial Labdane-type Diterpenes from the resin "Ladano" of *Cistus Creticus subsp. creticus*. **Natural Product Letters**, 1998, **11**, 173-179.
23. S. AXARLIS, A. MENTIS, C. DEMETZOS, S. MITAKU, A.L. SKALTSOUNIS, M. MARSELOS and M. MALAMAS Antiviral in vitro activity of *Hypericum Perforatum* L. extract on the human cytomegalovirus (HCMV). **Phytotherapy Research**, 1998, **12**, 507-511.

24. P. MAGIATIS, S. MITAKU, E. TSITSA, A.L. SKALTSOUNIS and C. HARVALA Verbascoside derivatives and iridoid glycosides from *Verbascum undulatum*. **Natural Product Letters**, 1998, **12**, 111-115.
25. P. MAGIATIS, E. MELLIU, A.L. SKALTSOUNIS, S. MITAKU*, S. LEONCE, P. RENARD, A. PIERRE and G. ATASSI Synthesis and cytotoxic activity of pyranocoumarins of the Seselin and xanthyletin Series. **J. Nat. Prod.**, 1998, **61**, 982-986.
26. J.C. FLORENT, X. DONG, G. GAUDEL, S. MITAKU, C. MONNERET, J.P. GESSON, J.C. JACQUESY, M. MONDON, B. RENOUX, S. ANDRIANOMENJANAHARY, S. MICHEL, M. KOCH, F. TILLEQUIN, M. GERKEN, J. CZECH, R. STRAUB and K. BOSSLET Prodrugs of anthracyclines for use in Antibody Directed Enzyme Prodrug Therapy **J. Med. Chem.**, 1998, **41**, 3572-3581.
27. D. MITROCOTSA, A.L. SKALTSOUNIS, S. MITAKU*, C. HARVALA and F. TILLEQUIN Flavonoid the terpene glycosides from European *Ebenus species*. **Biochemical Systematics and Ecology**, 1999, **27**, 305-307.
28. E. MIKROS, S. MITAKU, A.L. SKALTSOUNIS, F. LIBOT, F. TILLEQUIN, M. KOCH
Stereochemical effects in some Acronycine derivatives **Magnetic Resonance in Chemistry**, 1999, **37**, 498-506.
29. E. KALPOUTZAKIS, N. ALIGIANNIS, S. MITAKU and A.L. SKALTSOUNIS Verbaspinoside, a new Iridoid Glycoside from *Verbascum Spinosum*. **J. Nat. Prod.**, 1999, **62**, 342-344.
30. P. MAGIATIS, S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, A. PIERRE and G. ATASSI Synthesis and cytotoxic activity of 1-alkoxy and 1-amino-2-hydroxy-1,2-dihydroacronycine derivatives. **Chem. and Pharm. Bulletin**, 1999, **47**, 611-614.
31. D. MITROCOTSA, S. BOSCH, S. MITAKU, C. DIMAS, A.L. SKALTSOUNIS. C. HARVALA and C. ROUSSAKIS Cytotoxicity against Human Leucemic Cell Lines and activity on the expression of resistance genes of flavonoids from *Platanus orientalis*. **Anticancer Research**, 1999, **19:3A**, 2085-2088.
32. P. MAGIATIS, E. MELLIU, A.L. SKALTSOUNIS, I. CHINO, S. MITAKU* Chemical Composition and Antimicrobial Activity of the essential Oils of *Pistacia lentiscus* var. *chia*. **Planta Medica**, 1999, **65**, 749-752.
33. N. FOKIALAKIS, S. MITAKU, E. MIKROS, A.L. SKALTSOUNIS, F. TILLEQUIN, T. SEVENET Megistosarcimine and megistosarconine, two alkaloids from *Sarcomelicope megistophylla*. **Phytochemistry**, 1999, **52**, 1745-1748.

34. K. DIMAS, C. DEMETZOS, S. MITAKU, B. VAOS, M. MARSELOS, T. TZAVARAS, D. KOKKINOPOULOS Cytotoxic activity and antiproliferative effects of a new semisynthetic derivative of Ent-3 beta-hydroxy-13-epi-manoyl oxide on human leukemic cell lines. **Anticancer Res.**, 1999, **19**, 4065-4072.
35. K. DIMAS, C. DEMETZOS, S. MITAKU, M. MARSELOS, T. TZAVARAS, D. KOKKINOPOULOS Cytotoxic activity of kaempferol glycosides against human leukemic cell lines *in vitro*. **Pharmacol. Res.**, 2000, **41**, 85-88.
36. D. MITROCOTSA, S. MITAKU*, S. AXARLIS, C. HARVALA and M. MALAMAS Evaluation of the antiviral activity of flavonoids against human cytomegalovirus **Planta Medica**, 2000, **66**, 377-379.
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