

CURRICULUM VITAE

PERSONAL DATA

Surname: SKALTSOUNIS
First Name: ALEXIOS-LEANDROS
Academic Position : Professor
Dean of the School of Pharmacy University
of Athens
Date of Birth: 11-02-1958
Place of Birth: Athens, Greece

Professional Address:
University of Athens, School of Pharmacy, Department of
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Short Profile and relevant experience

A-L Skaltsounis, Ph.D., Professor in Pharmacognosy and Natural Product Chemistry is an author of 330 scientific publications, and inventor of 12 patents. He is awarded with 75 research grants of EU, GSRT (Greece) and other organizations. He leads a research group of more than 30 researchers.

Bibliometrics: Publications: 327, Citations: >12.000, h-index : 50

Full CV available at http://www.pharm.uoa.gr/fileadmin/pharm.uoa.gr/uploads/CV/skaltsounis_cv.pdf

EDUCATIONAL QUALIFICATIONS

- Degree in Pharmacy: Athens (1981)
- MSc in Medicinal Chemistry - Natural Product Chemistry: Orsay University, PARIS XI, Paris (1982)
- MSc in Organic Chemistry: Orsay University PARIS XI, Paris (1984)
- Ph.D. in Pharmacy (Doctorat d'Etat ès Sciences Pharmaceutiques): Distinction with Honors, Descartes University, Paris V, Paris (1987)

PROFESSIONAL ACTIVITIES

- *Scientific Advisor* of the Pharmaceutical Laboratories BESINS-ISCOVESCO, 8, rue Morel, 92120 Montrouge, France (1986-1988)
- *Assistant:* Pharmacognosy Laboratory, University of PARIS V (1988-1993)
- *Assistant Professor:* Department of Pharmacognosy and Natural Product Chemistry, School of Pharmacy, University of Athens (1993-1998)
- *Associate Professor:* : Department of Pharmacognosy and Natural Product Chemistry, School of Pharmacy, University of Athens (1998-2003)
- *Professor:* : Department of Pharmacognosy and Natural Product Chemistry, School of Pharmacy, University of Athens (since 2003)
- *Director:* : Department of Pharmacognosy and Natural Product Chemistry, School of Pharmacy, University of Athens (since 2004)
- *Vice Dean:* School of Pharmacy, University of Athens (2005-2009)
Dean: School of Pharmacy, University of Athens (2009-2015)
Permanent member of the Special Account for Research Grants University of Athens (2010-2013, 2015-2016)

Invited Professor

University of PARIS V Rene Descartes 12/2012
University of Orleans 5/2013
University of Innsbruck 2/2014, 5/2015
University of Orleans 12/2015-7/2016

SCIENTIFIC SOCIETIES/ ADVISORY BOARD OF SCIENTIFIC JOURNALS

Member of the following Scientific Societies & Organisms:

- French Academy of Pharmacy
- Society for Medicinal Plant Research (GA) *Advisory Board 2009-2011*
- French Society of Pharmacognosy (AFERP) *Advisory Board 2009-2013*
- European Federation of Medicinal Chemistry ; Industry Liaison Committee *Advisory Board 2011*

- American Society of Pharmacognosy (ASP)
- American Chemical Society (ACS)
- European Society of Pharmacy
- French Society of Chemistry
- International Union of Pure and Applied Chemistry
- Phytochemical Society of Europe (PSE)
- Brazilian Society of Pharmacognosy
- Regional representative of the International Council of Medicinal & Aromatics Plants (ICMAP)
- President of the VI commission of the National Organization of Medicine
- Member of the Scientific Council of Benaki Phytopathological Institute
- Member of the Scientific Council of I.P.A.M. (Institute of Medicinal & Aromatic Plants)
- EU PHARMACOPEA commissions 13A and 13B (2013-2016); 13B (2017-2019).

Member of the editorial/advisory board of the following Scientific Journal:

Planta Medica, Thieme ISSN 0032-0943 (Review and special issues editor 2013-2015)
 Journal of Natural Products ISSN 0163-3864 (2012-2017)
 Phytomedicine ISSN: 0944-7113
 Natural Product Communications 1934-578x
 Pharmaceuticals, MDPI ISSN 1424-8247
 Chinese journal of Natural Medicines, Elsevier ISSN 1672-3651
 Brazilian Journal of Pharmacognosy (Revista Brasileira de Farmacognosia) ISSN 0102-695XI

Reviewer in 60 Scientific Journals including:

J. Nat. Prod., Planta Med., Phytochem., J. Agr. Food Chem., Fitoter., Nat. Prod. Res., Nat. Prod. Com., Eur. J. Med. Chem., J. Med. Chem., Bioorg. & Med. Chem., Bioorg. & Med. Chem. Let., Tetrahedr., Tetrahedr. Let., J. Org. Chem., Chemosph., Chem. Eng., J. Pharm. Biol., Eur. J. Med. Chem., Org. Let., J. Ethnopharm.
 Reviewer also in National, International and EU grants

Success stories

- 6 products in the market as biological reagents commercialized by Sigma-Aldrich, Merck, Calbiochem and other companies
- Foundation of a spin-off company “*Pharmagnose*”, dealing with natural products chemistry and biology (www.Pharmagnose.com)

RESEARCH INTERESTS

• Isolation of new lead compounds with pharmaceutical, agrochemical, nutraceutical and cosmetic interest from natural sources (plants, marine organism, fungi, and microorganisms) originated from Mediterranean and global biodiversity • Identification and structure elucidation of natural products using state-of-the-art spectroscopic techniques (NMR, HRMS) and computational studies (*In silico* studies & Molecular modeling)
 • MS- and NMR-based metabolomics and proteomics • Qualitative and quantitative analysis of bioactive natural products in extracts and biological fluids • Design and synthesis of new molecules with pharmacological interest (antitumor, antiviral, antibiotics, estrogen/antiestrogen, kinase inhibitors); structure-activity relationships • “Green” chemistry and large-scale extraction of high added value natural products.

RESEARCH FACILITIES

Our laboratories are completely equipped with the instruments required for extraction, isolation, structure determination of natural products as well as for organic synthesis. This include instruments as: 200, 400 and 600 MHz NMR spectrometers, GC-MS, LC-MS, LC-MS/MS (Orbitrap), FTIR, UV, analytical and preparative HPLC, MPLC and FCPC as well as modern extraction equipments (Accelerate Solvent Extraction, Super Critical Solvent Extraction, Microwave Extraction). We are also equipped for pilot production (10, 60 and 200 lt reactors/extractors 3 x20 lt evaporators etc) as well as for semi industrial production (500 lt, 1000 lt reactors/extractors) and molecular modeling studies with Silicon Graphics Indy workstations and software like Macromodel and Hyperchem.

INTERNATIONAL AWARDS & ORGANIZATION OF INTERNATIONAL MEETING

1) Roussel Prize (1983) 2) Nativelle Prize (1984) 3) First Prize in Doctorate Degree (1987)

- 1) 2nd International congress of AFERP, 2002, 19-21, September Athens, Greece; **Chairman** (150 participants)
- 2) 2nd Conference on medicinal & aromatic plants of southeast European countries, 2002, 29/9-3/10 Chalkidiki, Greece; Member of the Scientific Committee
- 3) International Symposium on Chromatography of Natural Products, **2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018** Lublin, Poland; Member of the Scientific Committee.
- 4) Indirubin the red shade of Indigo, 2006, 8-13 April, Les Eyzies de-Tayac, France; **Cochairman** (100 participants)
- 5) 2nd International symposium on chemistry of herbal medicine and Mongolian drug, 2006, 26-28 July, Ulaanbaatar; Mongolia, Member of the Scientific Committee.
- 6) 55th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, 2007, 2-6 September Graz, Austria; Member of the Scientific Committee.
- 7) Joint meeting of AFERP, ASP, GA, PSE & SIF, 2008, 3-8, August, Athens, Greece; **Chairman** (1300 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)..
- 8) Shanghai International Conference on traditional Chinese medicine, 2008, 10-12 October, Shanghai, China; Member of the Scientific Committee.
- 9) 57th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research,, 2009, 16-20 August; Geneva, Switzerland; Member of the Scientific Committee.
- 10) 4th International congress of AFERP, 2010, 16-18, July, Besancon, France; Member of the Scientific Committee.
- 11) International Conference on Chemical and Biological Utilization of Biomass Resources, 2010, 22-26 October, Nanjing, China; Member of the Scientific Committee.
- 12) 59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research,, 2011, 3-9 September; Antalya, Turkey; Member of the Scientific Committee.
- 13) 2nd Networking event in the frame of EU project MAP2ERA “Exploitation and valorization of medicinal and aromatic plants” Fes, Morocco, 2012, 23-24 May
- 14) International Conference on Natural Products Utilization: from Plant to Pharmacy Shelf, Bansko, Bulgaria 2013, 3-6 November
- 15) 28th International Symposium on the Chemistry of Natural Products and 8th International Conference on Biodiversity Shanghai, China 2014, 19-24 October
- 16) 17th Hellenic Pharmaceutical congress Athens, Greece 2015 8-11 October, **Chairman** (450 participants)
- 17) 2nd International Conference on Natural Products Utilization from Plants to Pharmacy Shelf Plovdiv, Bulgaria 2015, 14-17 October
- 18) LE STUDIUM CONFERENCES: “Olive Bioactives applications and prospects” Orleans, France 2016, 4-6 July **Chairman** (200 participants)
- 19) 16th International Congress on Ethnopharmacology, Yulin, Guangxi, China 2016, 15-18 May.
- 20) 1st Hellenic Chinese Congress on Health- From Hippocratic and Traditional Chinese Medicine towards Medical and Pharmaceutical Technologies" Athens, Greece 2017, 11-14 May

INVITED SPEAKER

- 1) International Symposium: Antitumor Product from Higher Plants, Paris, France, 1998, 8-10 of January. Plenary Lecture: Antitumor Natural and Synthetic Acronycine Derivatives
- 2) International Symposium on Chromatography of Natural Products, Lublin, Poland, 2002, 12-15 June. Keynote Lecture: Structural Identification and Bioavailability of Natural Antioxidants from Olive oil
- 3) Indirubin the red shade of Indigo, Les Eyzies de-Tayac, France 2006, 8-13 April.. Plenary Lecture: New indirubins as GSK-3 inhibitors
- 4) 4th International Conference on Natural Products “Natural Products: a chance for the future of mankind” Leysin, Switzerland, 28-31 May 2006. Plenary Lecture: Screening for antioxidant activity of Greek plant extracts
- 5) 2nd International symposium on chemistry of herbal medicine and Mongolian drug, Ulaanbaatar, Mongolia 2006, 26-28 July. Chemistry and biological activity of indirubins.
- 6) 3rd International Biotechnology Forum Athens, Greece 2006, 5-7 October. Plenary Lecture: New bioactive compounds of plant origin.

- 7) 3rd International Symposium of AFERP “Natural products of pharmaceutical and nutritional importance: Chemistry and uses” Nantes, France, 2006, 26-29 October. Plenary Lecture: Chemistry and structure-activity relationships of indirubins
- 8) 4th International Biotechnology Forum Athens, Greece, 2008, 2-3 February Plenary Lecture: Biodiversity and Chemodiversity as tools for the discovery of new bioactive compounds
- 9) 13th Hellenic Symposium of Medicinal Chemistry Athens, Greece, 2008, 14-15 March, Keynote Lecture: New indirubin derivatives as kinase inhibitors.
- 10) Shanghai International Conference on traditional Chinese medicine, Shanghai, China, 2008, 10-12 October. Plenary Lecture: From Danggui Longhui Wan to bioactive indirubin derivatives
- 11) Joint meeting on medicinal chemistry, Budapest, Hungary 2009, 24-27 June. Plenary lecture: Chemistry and Biology of novel indirubin derivatives
- 12) 8th International Symposium on the Chemistry of Natural Compounds, Eskisehir, Turkey, 2009, 15-17 June. Plenary Lecture: New Indirubins as kinases inhibitors
- 13) Traditional Chinese Medicine International Forum, Shanghai, China, 2009, 26-27 November. Traditional Chinese Medicine, a valuable source of knowledge for drug discovery: from Dangui Longui Wan to new bioactive indirubinn derivatives.
- 14) Il Congresso Internacional de Medicamentos, Brazilia, Brasil, 2009, 30 October-1 November. New bioactive Indirubin Derivatives: Chemistry and Biology.
- 15) Joint Annual Meeting of the American Society of Pharmacognosy & the Phytochemical Society of North America, Tradewinds Island Grand St Petersburg Beach, Florida 2010, 10-14 July. New bioactive indirubin derivatives: Potent and selective kinase inhibitors.
- 16) XXISimposio de Plantas Mediciniais do Brazil, Joao Pessoa, Paraiba, Brazil, 2010, 14-17 September. Agriculture waste; an important source of high added value products.
- 17) XXISimposio de Plantas Mediciniais do Brazil, Joao Pessoa, Paraiba, Brazil, 2010, 14- 17 September. Phytoestrogens: Chemistry and Biology
- 18) International Conference on Chemical and Biological Utilization of Biomass Resources, Nanjing, China 2010, 22-26 October. Keynote Lecture: High added value products from olive tree.
- 19) 3rd Brazilian Conference on Natural Products, Ouro Preto, Brazil, 2011, 29 October- 2 November. Plenary Lecture: New Bioactive indirubin derivatives: Chemistry and Biology.
- 20) VII Brazilian Symposium on Pharmacognosy, Ilheus, Brazil, 2012, 19- 23 April
Plenary Lecture: Naturally halogenated indirubin analogues: structural diversity and biological activity
- 21) 2nd Networking event in the frame of EU project MAP2ERA “Exploitation and valorization of medicinal and aromatic plants” Fes, Morocco, 2012, 23-24 May. Plenary Lecture: Indigoids, from natural dyeing agents to selective kinase inhibitors.
- 22) International Congress on Natural Products Research, New York City, U.S.A. 2012, 28 July-1 August
Plenary Lecture: Indigoids, from natural dyeing agents to selective kinase inhibitors.
- 23) BBBB International Conference, From drug discovery and formulation strategies to pharmacokinetics-pharmacodynamics, Athens, Greece 2013, 26-28 September. Plenary lecture. Biodiversity and Chemodiversity as tools for the discovery of bioactive compounds
- 24) International Conference on Natural Products Utilization: from Plant to Pharmacy Shelf, Bansko, Bulgaria 2013, 3-6 November. Plenary lecture: Indigoids: from natural dyeing agents to selective kinase inhibitors
- 25) CINEA 1st Brokerage Event on « New high added value products and bio-processes. Gif Sur Yvette

Paris, France 2014, 26-29 August. Plenary Lecture Olive bioactives: possibilities and applications

- 26) 28th International Symposium on the Chemistry of Natural Products and 8th International Conference on Biodiversity Shanghai, China 2014, 19-24 October. Plenary lecture: From Dangui Longui Wan to new bioactive indirubinn analogues”.
- 27) International Symposium: Natural Products and Drug Discovery- Future Perspectives Vienna, Austria 2014, 13-14 November. Plenary lecture: Indigoids: from natural dyeing agents to selective kinase inhibitors
- 28) Joint meeting of the GP-TCM Research Association, the TCM Chemistry Specialty Committee and the TCM Pharmaceutical Analysis Specialty Committee of the World Federation of Chinese Medicine Societies. Mons Belgium 2015 13-15 July. Plenary lecture: from natural dyeing agents to selective kinase inhibitors
- 29) ISPSA2015, the Inaugural Symposium of the Phytochemical Society of Asia 2015 Tokushima, Japan August 30 – September 2, 2015. From Danggui Longhui Wan to Bioactive Indirubin Analogues

30) 2nd International Conference on Natural Products Utilization From Plants to Pharmacy Shelf Plovdiv, Bulgaria 2015, 14-17 October. Plenary lecture: Olive bioactives, possibilities and applications

31) Le STUDIUM Conferences. Orleans, France 2016, 3 March. Plenary lecture Indigoids: from natural dyeing agents to selective kinase inhibitors

32) 16th International Congress on Ethnopharmacology, Yulin, Guangxi, China 2016, 15-18 May. Keynote lecture: “From Danggui Longhui Wan to Bioactive Indirubin Analogues”

33) 9th Conference on Medicinal and Aromatic Plants of Southeast European Countries, Plovdiv, Bulgaria 2016, 26-29 May. Plenary lecture: Olive bioactives, possibilities and applications

34) Chinese Academy of Science “Belt and the Road Initiative, Emerging Disease and health” 2016, 7-8 November, Beijing China. Keynote lecture “Indirubin Chemistry and Biology”

35) 5th AFERP International Conference, Angers France 2017, 17-19 July. Plenary lecture “Olive Bioactive Compounds: Chemistry and Biology”

36) First Austrian Summit on Natural Products Science and Technology behind Phytopharmacy, Phytocosmetics and Phytonutrition Seefeld, Tyrol, Austria 2018, 14-16 January. | “Olive Bioactive Compounds: Chemistry and Biology”

Oral presentations to scientific groups


- 1) Lausanne 1999, by professor Hosttteman
- 2) Besancon November 2000 by professor Bevalot
- 3) Paris V June 2001, by professor Tillequin
- 4) Lausanne 2002, by professor Hosttteman
- 5) Ioannina 2003, by professor Gerothanasis
- 6) Rockefeller June 2004 by professor P. Greengard
- 7) Rockefeller June 2004 by professor A. Brivanlou
- 8) Nicosia, 2005, by professor Konstadinou
- 9) Geneva July 2005 by professor Hosttteman
- 10) Dresden 2006 by professor Volmer
- 11) Thessaloniki 2006, by professor Tsiftoglou
- 12) Shanghai November 2007 by professor Guo
- 13) Basel May 2007 by professor Hamburger
- 14) Tokushima September 2008, by professor Asakawa
- 15) Paris V June 2009, by professor Michel
- 16) Roma October 2009, by professor Viterbo
- 17) Geneva January 2010, by professor Wolfender
- 18) Lublin June 2010, by professor Gklowniak
- 19) Philadelphia July 2010, by professor Smith
- 20) Dresden September 2010, by professor Volmer
- 21) City of Hope Los Angeles June 2011, by professor Jove
- 22) Yaounde, October 2011, by professor Njamen
- 23) Salerno, December 2012, by professor Tomassi
- 24) Paris V, December 2012, by professor Deguin
- 25) Orleans, February 2013, by professor Elfakir
- 26) Innsbruck, February 2013, by professor Stupnner
- 27) Nanjing, China, October, 2013, by professor Wang
- 28) Strasburg, January 2014, by professor Lobstein
- 29) Sofia, February 2014, by professor Dimitrov
- 30) Innsbruck, June 2014, by professor Bonn
- 31) Sfax, May 2015, by professor Allouche
- 31) Granada Medina Institute October 2015, by Dr Genilloud
- 32) Alger INRAA, November 2015 by Dr Douzane
- 33) Lanzgou april 2016, by professor Di
- 34) Ho Chi Minh 2017, by professo Trần

SCIENTIFIC ACTIVITIES & PUBLICATIONS

- A. 30 monographs. & review articles
- B. Editor in 1 book and in one special issue of *Planta Medica*
- C. 17 patents.
- D. 305 publications in international journals.
- E. 350 posters in international conferences.
- F. Supervision of 36 PhD, since 1994
- G. 75 Research grants; 12 European grants; 33 National grants; 30 Grants from private companies
- H. 6 derivatives of the natural lead compound 6-bromoindirubin, originally isolated as new natural product from *Hexaplex trunculus* commercialised as pharmacological tools and biological reagents (kinase inhibitors) by Sigma-Aldrich, Merck, Calbiochem, Alexis etc.

MONOGRAPHS BOOK CHAPTERS & REVIEW ARTICLES

1. A.L. SKALTSOUNIS
Alcaloïdes des tiges feuillées de *Melicope leptococca*
DEA de Pharmacochimie, PARIS V (1982).
2. A.L. SKALTSOUNIS
Synthèse des Alcaloïdes monoterpéniques de *Scaevola racemigera*
DEA de Chimie organique, ORSAY (1984).
3. A.L. SKALTSOUNIS
Alcaloïdes et iridoïdes de *Scaevola racemigera*
Thèse de Doctorat d'Etat ès Sciences Pharmaceutiques Paris V (1987).
4. A.L. SKALTSOUNIS
Lecture Notes: Synthesis of Natural Products
5. F. TILLEQUIN, S. MICHEL, A.L. SKALTSOUNIS
Acronycine type alkaloids: Chemistry and Biology in Alkaloids: Chemical and Biological Perspectives, vol 13, pp 1-102, 1998 ed. S. W. Pelletier, **Pergamon Press**.
6. A.L. SKALTSOUNIS, S. MITAKOU, F. TILLEQUIN
Acridone Alkaloids: The Alkaloids, vol 54, 259-374, 2000 Ed. G. A. Cordell, **Academic Press**.
7. S. PASI, N. ALIGIANNIS, I. B. CHINOÛ, A.L. SKALTSOUNIS
Chemical constituents and their antimicrobial activity from the roots of *Cephalaria ambrosioides* in "Natural Products in the New Millennium: Prospects and Industrial Applications: Proceedings of the Phytochemical Society of Europe, 229-234, 2002, **Kluwer academic publishers**
8. M. DENISON, D.H. HAN, S. HEATH-PAGLIUSO, J. SCOVILL, L. MEIJER, L. SKALTSOUNIS, E. GILLAM, S.R. NAGY
Activation of the aryl hydrocarbon receptor and aryl hydrocarbon signal transduction pathway by tryptophan-derived agonists
Organohalogen Compounds, 2003, **65**, 90-3. **Federal Environmental Agency**
9. P. MAGIATIS, A.L. SKALTSOUNIS
"From *Hexaplex trunculus* to new kinase inhibitory indirubins" In "Indirubin, the red shade of indigo" Ed. L Meijer, N. Guyard, A.L. Skaltsounis, G. Eisenbrand, 2006, **Life in Progress Editions**
10. G. LAMBRINIDIS, M. HALAMBALAKI, E. KATSANOÛ, A L. SKALTSOUNIS, M. N. ALEXIS, E. MIKROS
The estrogen receptor and polyphenols: molecular simulation studies of their interactions, a review
Environmental Chemistry Letters, 2006, **4**, 159-174 **Springer-Verlag**
11. R. GROUGNET, P. MAGIATIS, S. MITAKOU, A.L. SKALTSOUNIS
"Sesame seed coat: a rich source of potential mammalian lignan precursors" in Sesame (Medicinal and Aromatic Plants - Industrial Profiles). Ed. Bedigian D 2010, **48**, 93-110, **CRC Press**
12. N. ALIGIANNIS, P. POLYCHRONOPOULOS, AL SKALTSOUNIS
"Natural antitumor agents" Ed. E. Kokkalou 2010, 277-318, Transworld Research Network
13. I. ANDREADOÛ, E. ILIODROMITIS, E. MIKROS, A. L. SKALTSOUNIS, D. KREMASTINOS
The Usage of Oleuropein in the Myocardium 2010, 1433-1448; Olives and Olive Oil in Health Disease Prevention ed V.R. Preedy, **Elsevier**

- 14 K. TERMENTZI, N. FOKIALAKIS, AL. SKALTSOUNIS
Natural Resins and Bioactive Natural Products thereof as Potential Antimicrobial Agents.
Current Pharm. Design. Ed. *Bentham Science Publisher* 2011, **17**, 1267-90.
- 15 A.-L. SKALTSOUNIS, N. GABORIAUD-KOLAR, 
(WO2011057959) Indole and indazole derivatives as glycogen synthase activators: A patent evaluation *Expert opinion on Therapeutic patents* 2011, **21**, 1925-1929
- 16 PARASCHOS, S. MITAKOU, AL. SKALTSOUNIS
Chios Gum Mastic: a review of its biological activities. *Current Medicinal Chemistry.* Ed. *Bentham Science Publisher* 2012, **19**, 2292-302.
- 17 K. VOUGOGIANNOPOULOU, AL. SKALTSOUNIS
From Tyrian purple to kinase modulators: naturally halogenated indirubins and synthetic analogues.
Planta Medica 2012, **78**, 1515-1528.
- 18 T. MICHEL, M. HALABALAKI, A.-L. SKALTSOUNIS
New concepts, experimental approaches, and dereplication strategies for the discovery of novel phytoestrogens from natural sources (Review)
Planta Medica 2013, **79**, 514-532
- 19 A. ARGYROPOULOU, N. ALIGIANNIS, I. TROUGAKOS, AL. SKALTSOUNIS.
Natural compounds with anti-ageing activity *Nat. Prod. Rep.*, 2013, **30**, 1412-1437
- 20 N. GABORIAUD-KOLAR, AL. SKALTSOUNIS
Glycogen phosphorylase inhibitors: a patent review *Expert opinion on Therapeutic patents* 2013, **23**, 1017-1032
- 21 M. HALABALAKI, K. VOUGOGIANNOPOULOU, E. MIKROS, AL. SKALTSOUNIS.
Recent advances and new strategies in the NMR-based identification of natural products.
Current Opinion in Biotechnology, 2014, **25**, 1-7.
- 22 M.I. CHRISTODOULOU, C.K. KONTOS, M. HALABALAKI, A.L. SKALTSOUNIS, A. SCORILAS
Nature promises new anticancer agents: interplay with the BCL2 apoptosis-related family.
Anticancer Agents in Medicinal Chemistry, 2014, **14**, 375-399
- 23 Encyclopedia of Analytical Chemistry, Handbook of Chemical and Biological Plant Analytical Methods, 'Plant Sesquiterpenes and other Terpenoids. "Sesquiterpenoids and other terpenoids". 2014, 1-53.: (Editors), K. Hostettmann, A. Marston, H. Stuppner, S. Chen, John Wiley & Sons, Ltd, UK.
- 24 C. LEMUS, A. ANGELIS, M. HALABALAKI, AL. SKALTSOUNIS. Wheat and Rice in Disease Prevention and Health - "γ-Oryzanol: an attractive bioactive component from rice bran" 2014, 409-430 in *Wheat and Rice in Disease Prevention and Health* (Editors) R.R. Watson, V.R. Preedy, S. Zibadi. *Elsevier Inc.* Philadelphia, USA
- 25 N. GABORIAUD-KOLAR, S. NAM, AL. SKALTSOUNIS
A colorful history: the evolution of indigoids. *Prog. Chem. Org. Nat. Prod.* 2014, **99**, 69-145
- 26 N. GABORIAUD-KOLAR, K. VOUGOGIANNOPOULOU, A.L. SKALTSOUNIS
Indirubin derivatives: A patent review (2010-present) *Expert Opinion on Therapeutic Patents* 2015, **25**, 583-593
- 27 P. EFENTAKIS, E.K. ILIODROMITIS, E. MIKROS, A. PAPACHRISTODOULOU, N. DAGRES, A.L. SKALTSOUNIS, I. ANDREADOU,
Effects of the olive tree leaf constituents on myocardial oxidative damage and atherosclerosis
Planta Medica 2015, **81**, 648-654
- 28 A. TERMENTZI, M. HALABALAKI, A.L. SKALTSOUNIS
From drupes to olive oil. An exploration of olive key metabolites, 2015, 147-178 in "Olive and olive oil bioactive constituents" editor D. Boskou, AOCS PRESS
- 29 A.L. SKALTSOUNIS, A. ARGYROPOULOU, N. ALIGIANNIS, N. XYNOS
Recovery of high added value compounds from olive tree products and olive processing, 2015, 334-357, in "Olive and olive oil bioactive constituents" editor D. Boskou, AOCS PRESS
- 30 L. KARYGIANNI, AL. AHMAD, A. ARGYROPOULOU, E. HELLWIG, A. C. ANDERSON, A.L. SKALTSOUNIS
Natural Antimicrobials and Oral Microorganisms: A Systematic Review on Herbal Interventions for the Eradication of Multispecies Oral Biofilms *Frontiers in Microbiology* 2016 doi: 10.3389

RESEARCH FUNDING FOR THE YEARS 2001-2015

75 Grants: 16 European grants, 22 grants from private companies and Public institutions, 33 National grants, with a total budget for the laboratory of ~15.000.000 €

EUROPEAN RESEARCH GRANTS (Sponsor EU)

1. 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) (**Coordinator**).
2. RTD QUALITY OF LIFE AND MANAGEMENT OF LIVING RESOURCES. Key Action I-Health Food and Environment, Project N0 QLKI-2002-2453 Improving health through dietary phytoestrogens: A Pan-European network on consumers issues and opportunities for producers. “Phytohealth” (2002-2005).
3. 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).
4. COST action FA0602 Bioactive food components, mitochondrial function and health. “Mitofood” (2007-2011).
5. FP7-REGPOT-2007-1 CSA 206570 Reinforcing scientific and technological potential of the Natural Products Laboratory- University of Athens. “Nat Force” (2008-2011) (**Coordinator**).
6. COST action FP0901: Analytical techniques for Biorefineries (2009-2013)
7. 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 “Olitex” (2010-2014) (**Coordinator**).
8. 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) (**Coordinator**).
9. FP7-PEOPLE- IRSES-2010 Marie Curie Actions Exploring the Chemical Biodiversity with Innovative Approaches to Fight Chagas Disease and Leishmaniasis “ChemBioFight”. (2011-2014) (**Coordinator**).
10. FP7-PEOPLE-IAPP-2010 Marie Curie Actions. Integrated technologies for the discovery and development of cosmeceutical agents from plant biodiversity. “Natprotec” (2011-2015) (**Coordinator**).
11. 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).
12. FP7-PEOPLE- IRSES-2011 Marie Curie Actions. hERG related assessment of botanicals. “hERGsreen” (2012-2015).
- 13 FP7-People-IAPP,2013 Marie Curie Actions. Exploitation of microbial biodiversity for the discovery and development of novel cosmeceutical agents. “Microsmetics” (2013-2017)
- 14 H2020 2020 Tools And Strategies to access to original bioactive compounds from Cultivation of MARine invertebrates and associated symbionts “Tascmar” (2015-2019)
- 15 H2020-MSCA-RISE-2015 Exploitation of aromatic plants’ by-products for the development of novel cosmeceuticals and food supplements. “Exandas” (2016-2020)
- 16 H2020-MSCA-RISE-2015 Novel natural products for healthy ageing from Mediterranean diet and food plants of other global sources. “Medihealth” (2016-2020)
- 17 H2020-MSCA-RISE-2016 Bioactive compounds from *Olea Europaea*: investigation and application in food, cosmetic and pharmaceutical industry. “Olive-Net” (2017-2021) (**Coordinator**).

GRANTS FROM PRIVATE COMPANIES, & FROM PUBLIC INSTITUTIONS (coordinator)

Pharmaceutical / Cosmetic industry

L’Oreal, Servier, Pierre Fabre, Naturex, Codif, Solience, Hitex, (France), Bionorica (Germany), Cura (Austria), Janssen (Belgium), Lavipharm, Galenica, Unipharma, ELPEN, Pharmaten (Greece), ITI (USA)

Agro-food industry

Phytolab, Finzelberg (Germany), Frutaroma (Switzerland), Mastic Gum Corporation, Agrino, Cooperative wine of Tyrnavos, Biohellas, Creta Farm, Giotis, (Greece)

Cosmetic industry

Korres Natural products, Apivita (Greece), Clorane (France)

Public and non profit private institutions

Rockefeller University, USDA, City of Hope (USA), Region of Crete, Region of Central Macedonia, Ministry of Agriculture, Ministry of Public Health (Greece)

NATIONAL RESEARCH GRANTS (sponsor GSRT)

“PAVE” projects

PAVE 1999 Development of novel chemoprotective agents of natural origin for cancer treatment (1999-2001) in collaboration with Pharmaten

PAVE 1999 Development of novel natural and synthetic molecules for osteoporose treatment (2000-2001) in collaboration with Pharmaten

- PAVE 2001 Improvement and production of instant foods (soups) with cereals and plants of traditional Greek diet (2001-2002) in collaboration with Giotis
- PAVE 2001 Bioactive compounds possessing antimicrobial and healing activities from plants of Greek traditional Medicine (2001-2002) in collaboration with Lavipharm
- PAVE 2001 Development of a new per os administrated galenique formulation based on grapefruit extract (2001-2002) in collaboration with Galenika

“PENED” projects

- PENED 1996 Antiviral activity of *Hypericum perforatum L*, Chmeical, Pharmacological and toxicology investigation (1996-1998)
- PENED 1996 Synthesis and Pharmacological evaluation of new antitumor agents of natural origin (1996-1998)
- PENED 2002 Bioactive compounds from Greek wines and of Greek varieties of vineyards (*Vitis vinifera*). (2002-2005)
- PENED 2002 Bioactive compounds from sesame: isolation, identification, structural identification and biological evaluation (2002-2005)
- PENED 2002 Chemical analyses and bioactivities of Greek varieties of olive trees and Greek virgin oil (2002-2005)
- PENED 2003 Design, development and pharmacological evaluation of novel molecules as CDKs inhibitors (2003-2006)
- PENED 2003 Investigation of mastic gum phytosterols on atherosclerosis (2004-2007).

● **“YPER” projects**

- Synthesis and biological evaluation of new polyphenolic compounds with antitumor activity (1999-2001) in collaboration with PHARMATEN
- Synthesis and pharmacological evaluation of novel acylated flavonoids (1999-2001) in collaboration with PNG

“EPET” projects

- EPET 2001 Phytochemical studies and bioavailability of compounds from Greek varieties of olive trees, tomatoes and vineyards (2001-2003) in collaboration with LAVIPHARM
- EPET 2004 Design and development of new functional foods and food supplements, based on the Mediterranean diet and the biodiversity of the Greek flora (2004-2007) in collaboration with GIOTIS

“EUREKA” projects

- EUREKA 2005. Utilization of perisperm and other parts of the sesame plant for extraction and further isolation of bioactive compounds with high added value. 2006-2008) in collaboration with HAITOGLU
- EUREKA 2005 Exploitation of tomato and fruit industry waste via the recovery of high added value bioactive constituents. (2006-2008) in collaboration with SERKO
- EUREKA 2005 Evaluation of the estrogenic activity of natural compounds and derivatives thereof: Development of innovative pharmaceuticals and cosmetics. (2006-2008) in collaboration with LAVIPHARM

- EUREKA 2006 SERMs - Selective Estrogen Receptor Modulators: Synthesis and evaluation of biological activity. (2007-2009) in collaboration with ELPEN

BILATERAL projects

- Greece- France (Institut Curie, Laboratoire de Chimie Organique) Synthesis of novel antitumor anthracyclines with an alkyl substitution in position 9 (2000-2001)
- Greece-France (Station Biologique CNRS Roscoff) Indirubins analogues as CDK inhibitors (2002-2004) (**Coordinator**)
- Greece-USA (USDA) Protection of the environment by the replacement of chemical pesticides by natural biopesticides and transition to sustainable agricultural practices (2005-2007) (**Coordinator**)
- Greece-Poland (University of Lublin) 2003 Chemical compounds from Polish and Greek plants as potent immunomodulator agents (**Coordinator**)
- Greece-China (University of Nanjing) Natural compounds obtained from traditional greek and chinese plants using advanced technologies: Probing their anti-ageing activity for applications to the nutraceutical and cosmeceutical industry” “**Innovation**: (2013-2015)
- Greece-China Bee-based natural products as potential cosmeceutical agents with health promoting properties against UVinduced skin photo-ageing” “**Beecosmage** (2013-2015)

“AKMON” projects

- AKMON 2006 Expansion of the activities at the department of pharmacognosy & chemistry of natural products, in the field of pharmaceutical and environmental research and analysis. (2006-2008)

COOPERATION projects

- COOPERATION 2010 Development of novel angiogenesis-modulating pharmaceuticals by screening compounds and synthetic analogues (**Coordinator**)
- COOPERATION 2010 PIK3CA Oncogenic mutations in breast and colon cancers: Development of targeted anticancer drugs and diagnostics
- COOPERATION 2010 Development and screening of novel beta amyloid peptide for Alzheimer’s diseases
- COOPERATION 2010 Development of natural products and derivatives thereof for the prevention and treatment of osteoporosis using proteomics and metabonomics approach (**Coordinator**)

REGIONAL projects

- REGION OF IONIAN ISLANDS 2006 Development of an economically viable process for the integrated management via utility of agriculture waste and byproducts of Kefallinia, Ithaki islands: Production of high added value natural products and organic fertilizer (2006-2007) (Coordinator)

THALIS projects

- “**SERMENCO**: Developmant of novel selective modulators of the estrogen receptor for the treatment of the menopause symptoms” (2012-2015).

“SME” projects

- 11SMEs 2009 Process development for the valorisation of by products of olive oil industry; production of squalene (2011-2014). AVEA company
- 17SMEs2010 Development of an industrial process for the valorization of the winery waste for the recovery of high added value polyphenols and fertilizer (2012-2015)
- 02SMEs2010 Valorization of table olive by products for the production of high added value extracts and products (2012-2015)

“PRAXE” projects

PRAXE, ATTIKA REGION 2009 “*Pharmagnose*”: a new innovative spin-off company operates in the field of natural product chemistry and biology (**Coordinator**)

EDITOR OF SCIENTIFIC BOOKS & JOURNALS

Indirubin, the red shade of indigo 2006 Life in Progress Editions, ISBN: 2-958029-0-0
Planta Medica An International Journal of Natural Products and Medicinal Plant Research,
2008, **74**, (9), 895-1228; special issue. Thieme ISSN 0032-0943

PATENTS

1. M. KOCH, F. TILLEQUIN, A.L. SKALTSOUNIS, Y. ROLLAND, A. PIERRE, G. ATASSI
Acronycine analogues, process for their preparation and pharmaceutical compositions containing them
Applicant: A.D.I.R. et Compagnie – Institut de Recherches Servier, 1996 Publication number EP0668281/
US5567707
2. S. FOTINOS, L. PANAITESCU, D. KLETSAS, H. PRATSINIS, I. ZERVOLEA, AL. SKALTSOUNIS, S. MITAKOU, P. MAGIATIS
Use of Mastic and its components for the control of microbial infections
Applicant: LAVIPHARM SA, 2003 Publication number WO03092712/ AU2003241345/ EP1501527
3. S. FOTINOS, L. PANAITESCU, AL. SKALTSOUNIS, S. MITAKOU, P. MAGIATIS, N. ALIGIANNIS, D. GALARIS
Compounds and Composition Derived from Olives and Methods of Use Thereof
Applicant: LAVIPHARM SA, 2003 Publication number US2003185921
4. L. MEIJER, P. GREENGARD, M. KNOCKAERT, AL. SKALTSOUNIS
Indirubin-type compounds, compositions and methods for their use
Applicant: ROCKEFELLER UNIVERSITY, CNRS 2005 Publication number WO2005041954/ US
2007276025/ EP1686988/ CA2543942/ AU2004285522
5. F. HANAWA, AL. SKALTSOUNIS, N. FOKIALAKIS
Method for inhibiting DNA activity and method for controlling biological activity
Applicant: Forestry & Forest Products Research Institute 2005 Publication number JP2005041816
6. 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-dependent diseases
Applicant: University of Athens 2005 Publication number GR1004825
7. S. HAROUTINIAN, AL. SKALTSOUNIS, P. MAGIATIS, G. KAZANTZOGLOU, E. EVERGETIS
Products derived from the vinification residues of cultivated plants belonging to the *vitis viniferae* species for producing cosmetic products, food supplements and bio-active foodstuffs
Applicant: University of Athens, Agricultural University of Athens 2006 Publication number GR1005157
8. V. COXAM, AL. SKALTSOUNIS, C. PUEL, A. MAZUR
Nutritional or therapeutic composition containing the compound oleuropeine or one of the derivatives thereof
Applicant: INRA 2006, Publication number WO2004091591/ US2006193931/ EP1617836/ FR2853549
9. AL. SKALTSOUNIS, J. BOIX, P. MAGIATIS, K. BETTAYEB, J. RIBAS, L. MEIJER
New 3'-7'-substituted indirubins and their applications
Applicant: University of Athens, University of Lleida, CNRS 2007 Publication number WO2007099402/
EP1963264
10. L. MEIJER, A.L. SKALTSOUNIS, E. MIKROS, P. MAGIATIS, C. JOHNSON
3',6-Substituted indirubins and their biological applications
Applicant: University of Athens, CNRS 2009 EP 08161646.8-2101
11. R. JOVE, S. NAM, AL. SKALTSOUNIS
Indirubin derivatives and uses thereof in treating chronic myelogenous leukemia
Applicant: City of Hope, University of Athens, 2013 US 2013/0210834
12. R. JOVE, S. NAM, D. HORNE, J. XIE, AL. SKALTSOUNIS, M. KROTSANIDA, N. GABORIAUD-KOLAR
Treating cancer using 5-bromo indirubin derivatives
Applicant: City of Hope, University of Athens, WO/2014/153023

INTERNATIONAL PUBLICATIONS

1. A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and T. SEVENET
Alcaloïdes tiges feuillées de *Melicope leptococca*.
J. Nat Prod., 1983, **46**, 732-735.
2. A.L. SKALTSOUNIS, S. MICHEL, F. TILLEQUIN, and M. KOCH
La dinklageine, Alcaloïdes monoterpénique d'un type nouveau.
Tetrahedron Letters, 1984, **25**, 2783-2786.
3. S. MICHEL, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and L. AKE ASSI
Alcaloïdes des feuilles de *Strychnos dinklagei*.
J. Nat Prod., 1985, **48**, 86-92.
4. A.L. SKALTSOUNIS, S. MICHEL, F. TILLEQUIN, M. KOCH, and J. PUSSET
Alcaloïdes monoterpéniques de *Scaevola racemigera* Däniker.
Helv. Chim. Acta, 1985, **68**, 1679-1685
5. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and J. PUSSET
Alcaloïdes de *Geijera balansae*.
J. Nat Prod., 1985, **48**, 772-777.
6. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and J. PUSSET
Alcaloïdes de *Sarcomelicope glauca*.
J. Nat Prod., 1986, **49**, 1091-1095.
7. A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, J. PUSSET, and G. CHAUVIERE
Four new dimeric monoterpene alkaloids from *Scaevola racemigera* Däniker (Goodeniaceae).
Heterocycles, 1987, **26**, 599-605.
8. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and J. PUSSET
Four new acridone alkaloids from *Sarcomelicope dogniensis* Hartley (Rutaceae).
Heterocycles, 1987, **26**, 2057-2063.
9. 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.
10. D. STOSIC, M. GORUNOVIC, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH
Nouveaux flavonocides de *Paeonia tenuifolia* L.
Helv. Chim. Acta, 1988, **71**, 348-353.
11. G. BAUDOIN, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH
Lugrandoside: A new phenylpropanoid glycoside from various *Digitalis* species.
Planta Medica, 1988, **54**, 321-323.
12. 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.
13. D. STOSIC, M. GORUNOVIC, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH
Flavonoids from *Linum capitarum* K.
Acta Pharm. Jugosl., 1989, **39**, 215-218.
14. A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, J. PUSSET et G. CHAUVIERE
Iridoids from *Scaevola racemigera*.
Planta Medica, 1989, **55**, 191-192.
15. 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.
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16. D. GOURNELIS, A.L. SKALTSOUNIS, F. TILLEQUIN, M. COCH, J. PUSSET et S. LABBARE
Iridoïdes et alcaloïdes de *Plectronia odorata*.
J. Nat. Prod., 1989, **52**, 306-316.
17. S. MITAKU, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and J. PUSSET
Alcaloïdes des écorces de *sarcomelicope dogniensis*.
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18. A.L. SKALTSOUNIS, S. SBAHI, C. DEMETZOS, and J. PUSSET
Iridoïdes de *Scaevola montana*.
Ann. Pharm. Fr., 1989, **47**, 249-254.

19. A. VALIRAKI, T. PAPASTAIKOUDI, A.L. SKALTSOUNIS, and C. ROUSSAKIS
Synthèse de nouvelles nitrosourées,
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20. D. STOCIC, M. GORUNOVIC, and A.L. SKALTSOUNIS
Flavonosides de *Paeonia tenuifolia*,
Plant. Méd. et Phytot, 1989, **23**, 275-282.
21. C. DEMETZOS, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH
Phase-transfer-catalyzed synthesis of flavonoid glycosides.
Carbohydr. Res., 1990, **207**, 131-137.
22. R.C. LIN, E. SEGUIN, A.L. SKALTSOUNIS, F. TILLEQUIN, and M. KOCH
Synthesis of the alkaloid-glycosides of *Selaginella doederleini*
and structure revision of one of them.
J. Nat. Prod., 1990, **53**, 882-893.
23. Y. RANARIVELO, F. HOTELLIER, A.L. SKALTSOUNIS, and F. TILLEQUIN
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Heterocycles, 1990, **31**, 1727-1731.
24. Y. RANARIVELO, A.L. SKALTSOUNIS, M. ANDRIANTSIFERANA, and F. TILLEQUIN
Hétérosides des feuilles de *Mussaenda arcuata*.
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25. C. DEMETZOS, C. HARVALA, S. PHILIANOS, and A.L. SKALTSOUNIS.
A new labdane-type diterpene from the leaves of *Cistus incanus ssp creticus*.
J. Nat. Prod., 1990, **53**, 1365-1368.
26. R. BENKRIEF, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and J. PUSSET
Iridoïds and an alkaloid from *Oxera morieri*.
Planta Medica, 1991, **57**, 79-80.
27. R. BENKRIEF, A.L. SKALTSOUNIS, F. TILLEQUIN, M. KOCH, and J. PUSSET
Iridoïdes de *Coelospermum billardieri*.
J. Nat. Prod., 1991, **54**, 532-541
28. A.L. SKALTSOUNIS, S. MITAKU, G. GAUDEL, F. TILLEQUIN, and M. KOCH
Synthesis, glycosidations and resolution of (±)-lomatine.
Heterocycles, 1992, **34**, 121-128.
29. N. BOUGHANDJIOUA, R.C. LIN, A.L. SKALTSOUNIS, E. SEGUIN, F. TILLEQUIN, and M. KOCH
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L-arabino-hexopyranoses.
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Thermal dimerization of noracronycine.
Heterocycles, 1992, **34**, 1691-1696.
32. T. CONSTADINIDES, C. HARVALA, and A.L. SKALTSOUNIS
Pyrrolizidine Alkaloids from *Heliotropium hirsutissimum*.
Phytochemistry, 1993, **32**, 1335-1337.
33. 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.
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Structure and synthesis of a Quercetin Glycoxyloside from *Kalanchoe prolifera*.
Heterocycles, 1994, **38**, 357-373.
35. C. DEMETZOS, A.L. SKALTSOUNIS, S. MICHEL, F. TILLEQUIN, M. KOCH, M. ANSTETT, S. LEONCE, A. PIERRE, and G. ATASSI
Synthesis and biological activity of 3'-deamino-3'-haloanthracylines.
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Synthesis and Anti-proliferative activity of 2-hydroxy-1,2-dihydro-acronycine glycosides
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New acronycine derivatives with increased antitumor activity
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Synthesis and biological activity of esters in the trans-1,2-dihydroxy-1,2-dihydroacronycine series
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