

CURRICULUM VITÆ

George N. Pairas, PhD
Pharmacist

Associate Professor
Medicinal Chemistry

Laboratory of
Medicinal Chemistry

Section
Medicinal Chemistry - Pharmacognosy

Department of Pharmacy
School of Health Sciences

University of Patras

PATRAS
OCTOBER 2023

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Personal Data

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Associate Professor
Medicinal Chemistry

ADDRESS [i↔](#)

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MS-Teams [i↔](#)

IDENTIFIERS

ORCID: 0000-0001-6499-8648 [i↔](#)



Scopus Author ID [i↔](#)

Google Scholar ID [i↔](#)

Formal Education

HIGH SCHOOL GRADUATION

5th Lyceum · Exarchia · Athens · Greece · 1978

UNIVERSITY DIPLOMA [B.Sc.] · Pharmacy

Department of Pharmacy · University of Patras · 1982

DOCTORAL DIPLOMA (Ph.D.) · Medicinal Chemistry [i↔](#)

Department of Pharmacy · University of Patras · 1987

Positions

ABBOTT LABORATORIES HELLAS

Athens · Greece · 1987-1989

UNIVERSITY OF PATRAS

School of Health Sciences · Department of Pharmacy · Greece

Lecturer · Medicinal Chemistry · 1989

UNIVERSITY OF PATRAS

School of Health Sciences · Department of Pharmacy · Greece

Assist. Professor (short term) · Medicinal Chemistry · 1993

UNIVERSITY OF PATRAS

School of Health Sciences · Department of Pharmacy · Greece

Assist. Professor · Medicinal Chemistry · 1998

UNIVERSITÄT LEIPZIG · SABBATICAL

Institut für Organische Chemie

Organische Chemie und Naturstoffchemie

Prof. Dr. A. Giannis: Oct 2012 - Mar 2013

UNIVERSITY OF PATRAS

School of Health Sciences · Department of Pharmacy · Greece

Assoc. Professor · Medicinal Chemistry · 2015

Professional Organizations & Societies

Panhellenic Pharmacists Association, 1990

 Member of the Board of Directors 2022-2024

Hellenic Society of Medicinal Chemistry, 1996

European Peptide Society, 2000

Academic & Related Activities

UNIVERSITY OF PATRAS

Committee of Clinical Trials · 2002-2004

MINISTRY OF HEALTH & SOCIAL SOLIDARITY

National Narcotics Board

Article 5 of 3459/2006 (20/03-02-2011)

2011-2012 & 2013-2014

EUROPEAN PEPTIDE SOCIETY

Society's WebMaster · 2009 - 2014

Web Content Editor · 2013 - 2016

MINISTRY OF HEALTH

Human Medicines Evaluation and Reimbursement Committee

External Expert – Assessor: 2022-present

DEPARTMENT OF PHARMACY, UNIVERSITY OF PATRAS
Post Graduate Studies' Coordinating Committee,
Member · 2001-2018

Ranking Examinations Committees
Member and/or Examiner · 2003 - present

Official Departmental Studies' Guides
Editor · 2002 - present

Graduate Studies' Coordinating Committee,
Member · 2023-

Departmental Scientific Section "Pharmaceutical Chemistry - Pharmacognosy"
Director · 01.09.2022-31.08.2023 & 01.09.2023-31.08.2025

Board of Directors of the Department of Pharmacy
Member · 01.09.2023-31.08.2025

Conferences Organization



- COMMET Seminar: “New Developments in Drug Research and Technology”
May 1995 · Patras [Organizing Committee]
- 1st Hellenic Forum on Bioactive Peptides
October 1996 · Patras [Organizing Committee]
- 1st Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2000 · Patras [Scientific & Organizing Committee]
- 2nd Hellenic Forum on Bioactive Peptides
April 2000 · Patras ·[Organizing Committee]
- 2nd Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2001 · Patras ·[Scientific & Organizing Committee]
- 3rd Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2002 · Patras [Scientific & Organizing Committee]
- 3rd Hellenic Forum on Bioactive Peptides
April 2002 · Patras [Organizing Committee]
- 4th Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2003 · Patras [Scientific & Organizing Committee]
- 11th Hellenic Symposium on Medicinal Chemistry
January 2004 · Patras [Organizing Committee]
- 5th Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2004 · Patras [Scientific & Organizing Committee]
- 4th Hellenic Forum on Bioactive Peptides
April 2004 · Patras [Organizing Committee]
- 6th Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2005 · Patras [Scientific & Organizing Committee]
- 12^o Hellenic Symposium on Medicinal Chemistry
January 2006 · Patras [Organizing Committee]
- 7th Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2006 · Patras [Scientific & Organizing Committee]
- 5th Hellenic Forum on Bioactive Peptides
May 2006 · Patras [Organizing Committee]
- 8th Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2007 · Patras [Scientific & Organizing Committee]
- 9th Conference on Medicinal Chemistry “Drug Discovery & Design”
March 2008 · Patras [Scientific & Organizing Committee]
- 6th Hellenic Forum on Bioactive Peptides
May 2008 · Patras [Organizing Committee]
- 7th Hellenic Forum on Bioactive Peptides
May 2010 · Patras [Organizing Committee]
- 1st Congress on Pharmaceutical Sciences
April 2012 · Athens [Scientific Committee]
- 32nd European Peptide Symposium [BiAnnual Symposium of the European Peptide Society]
September 2012 · Athens [Organizing Committee]
- Synthetic & Medicinal Chemistry Symposium
May 2014 · Patras [Scientific & Organizing Committee]
- 2nd Congress on Pharmaceutical Sciences: from Research to Society
October 2014 · Patras [Scientific Committee]
- 16th Hellenic Symposium on Medicinal Chemistry
January 2015 · Patras [Organizing Committee]

- 🎧 NMR Applications in Life Sciences - Exploring Peptides & Proteins - A Tribute to Paul Cordopatis [SEEDRUG Conference]
June 2016 · Patras [Organizing Committee]
- 🎧 17th Hellenic Symposium on Medicinal Chemistry
June 2017 · Thessaloniki [Organizing Committee]
- 🎧 2nd “Synthetic Medicinal Chemistry” Symposium
May 2018 · Patras [Organizing Committee]
- 🎧 3rd “Chemistry at the Interface of Biology & Medicine” Symposium
September 2019 · Patras [Organizing Committee]
- 🎧 18th Hellenic Symposium on Medicinal Chemistry
May 2020 · Athens [Organizing Committee]
- 🎧 19th Hellenic Symposium on Medicinal Chemistry
March 2023 · Patras [Organizing Committee]

Research & Educational Projects

RESEARCH PROJECTS

- 🎧 “Development of Novel Antineoplastic Drugs: Synthesis and Biological Evaluation of the Anticancer Activity of Chlorambucil Esters and Analogues”
Research Program: K. Karatheodoris, Research Committee,
University of Patras, 1999-2002 [No: 2564, Coordinator]
- 🎧 “Inter-community Cooperation Between Universities and Enterprises”
UETP ATTICA/COMETT. Strand Ba, 1994 [Research Group Member]
- 🎧 “National Laboratory Services for Advanced Peptide/Protein Research and Pilot Scale Production of Bioactive Peptides”
NATO - Science for Stability Programme, 1998-1999, [Research Group Member]
- 🎧 “Laboratory Network for the Analysis of Macromolecules”
GSRT-EPET II Programme, 1999-2001 [Research Group Member]
- 🎧 “Contribution to the Investigation of the Renin-Angiotensin System”
Research Committee, University of Patras, 2001-2003 [Research Group Member]
“Pharmacogenomic and Protein Engineering of Glutathione S-Transferase in the Study of Chemotherapeutic Resistant Tumor Cells”
GSRT EPAN, Axis 4 (4.5) Health and Biomedical Research, 2003-2006
[Research Group Member]
- 🎧 “Naphtho[de] 1.2-Oxazines: Synthons for the Development of Bioactive Peptide Mimetics Substituted by Naphthalenic Amino Acids”
Ministry of Education, PYTHAGORAS I Programme, 2004-2006 [Research Group Member]
- 🎧 “Glutathione Transferases: Multifunctional Molecular Tools in Red and Green Biotechnology”
GSRT-THALIS Programme, [No: 64.0001], 2011-2014 [Research Group Member]
- 🎧 “Development and Screening of Novel, Rationally Designed IAPP (Amylin) Variant/Analogue-Peptides as Drugs for Diabetes Type II”
SYNERGASIA 2011 (EPAN II, No 11SYN-1-1230), Axis 3, 2011-2015 [Research Group Member]
- 🎧

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 “Collection, identification, storage and ex situ cultivation in the Botanical Garden of native aromatic and medicinal plants”
 ‘Upgrade of Plant Wealth Plant Up’, which is implemented under the Action “Reinforcement of the Research and Innovation Infrastructure”, funded by the Operational Programme “Competitiveness, Entrepreneurship and Innovation” (NSRF 2014-2020) and co-financed by Greece and the European Union (European Regional Development Fund) 2017-2020 [Research Group Member]
- 
 “Preclinical studies of pharmacological interest for the discovery of chemical compounds- inhibitors of Alzheimer's disease (PeptADe)”
 Program: Research-Create-innovate, MIS 5030851. Funded by European Regional Development Fund (ERDF) and National funds. 2018-2021 [Research Group Member]

EDUCATIONAL PROJECTS [RESEARCH GROUP MEMBER]

“Medicinal Chemistry: Drug Discovery & Design”

InterDepartmental Program of PostGraduate Studies · Ministry of Education
 EPEAEK & EPEAEK B’ Programs - 1998-2001 · 2002-2004 · 2008-.

“Pharmaceutical Practice”

Department of Pharmacy, University of Patras · Ministry of Education
 EPEAEK & EPEAEK B’ Programs · 1998-2001 · 2002-2004 · 2005-2008.

“Isolation & Synthesis of Biologically Active Natural Compounds”

InterUniversity - InterDepartmental Program of PostGraduate Studies · Ministry of Education
 EPEAEK Program · 1998-2001 · 2002-2004.

“Evaluation and Improvement of the Undergraduate Programme of the Department Pharmacy” ·

Department of Pharmacy, University of Patras

Ministry of Education · EPEAEK & EPEAEK B’ Programs · 1998-2001 · 2003-2005 · 2005-2008.

Teaching Activities

GRADUATE COURSES - DEPT. OF PHARMACY

- 🎧 "Introduction to Pharmaceutical Sciences"
[1st Sem.] · 2004 - present
- 🎧 "Classic Analytical Chemistry"
[2nd Sem.] · 1999 - 2015 [from 2016 as "Analytical Chemistry"]
- 🎧 "Analytical Chemistry"
[2nd Sem.] · 2016 - present
- 🎧 "Laboratory of General & Analytical Chemistry"
[3rd Sem.] · 2003 - 2015 [from 2016 as Lab exercises part of "Analytical Chemistry"]
- 🎧 "Synthetic Organic Chemistry"
[3rd Sem.] · 1998 - 2015
- 🎧 "Bioethics - Pharmaceutical Legislation"
[9th Sem., subj.: Bioethics] · 2009 - 2020
[4th Sem., subj.: Bioethics] · 2016 - present
- 🎧 "Lab. Courses of Medicinal Chemistry I"
[5th Sem.] · 1997 - 2015
- 🎧 "Medicinal Chemistry IV: Drugs against Infections"
[7th Sem.] · 1993 - 2018
- 🎧 "Medicinal Chemistry IV"
[7th Sem.] · 1989 - 1993
- 🎧 "Lab. Courses of Medicinal Chemistry IV"
[7th Sem.] · 1993 - 2018
- 🎧 "Medicinal Chemistry II"
[7th Sem] · 2019-present
- 🎧 "Medicinal Chemistry III"
[8th Sem] · 2020-present
- 🎧 "Pharmaceutical Practice" & "Pharmaceutical Care"
[9th & 10th Sems.] · 1997 - present

POST GRADUATE COURSES

CURRENT

POSTGRADUATE PROGRAM OF THE DEPARTMENT OF PHARMACY

“Drug Discovery and Development”

[UNIV. OF PATRAS, started 2018]

- 🎧 “Design and Discovery of Bioactive Compounds” · 2018 - Core Course, Co-ordinator
- 🎧 “Research Methodology and Ethics” · 2018 - Core Course
- 🎧 “Modern Methods in Drug Synthesis” · 2018 - Specialization Course

OLDER/COMPLETED POSTGRADUATE PROGRAMS

POSTGRADUATE PROGRAMS OF THE DEPARTMENT OF PHARMACY

[UNIV. OF PATRAS 1997-2018]

- 🎧 “Classic Methods of Drug Analysis” · 1997-2002 [●]
- 🎧 “Advanced Medicinal Chemistry” · 1997-2002 [o]
- 🎧 “Computer Applications in Pharmaceutical Science” · 1999-2003 [o]
- 🎧 “Organic Chemistry: Mechanisms of Organic Reactions” · 2002-2010 [o]
- 🎧 “Approaches on Drug Discovery” · 2002-2010 [o]
- 🎧 “Bioinformatics” 2004-2010 [o]
- 🎧 “Drug Design” 2002-2018 [o]
- 🎧 “Current Aspects of Medicinal Chemistry” · 2010-2018 [o]
- 🎧 “Drug Discovery & MedicoMarketing” · 2014-2018 [o]

INTERDEPARTMENTAL POSTGRADUATE PROGRAM

DEPARTMENTS OF CHEMISTRY, MEDICINE & PHARMACY [UNIV. OF PATRAS]

“Medicinal Chemistry: Drug Design & Development”

- 🎧 “Medicinal Chemistry I” · 1998-2009 [o]
- 🎧 “Drugs of Natural & Synthetic Origin” · 2010-2018 [o]

INTERUNIVERSITY POSTGRADUATE PROGRAM

DEPARTMENTS OF CHEMISTRY [UNIV. OF CRETE, CoORDINATOR] & PHARMACY [UNIV. OF PATRAS]

“Isolation and Synthesis of Natural Products with Biological Activity”

- 🎧 “Medicinal Chemistry - Antimicrobial Agents of Natural Origin” · 1998-2002 [●]

PREV. INTERDEPARTMENTAL POSTGRADUATE PROGRAM

DEPTS OF CHEMISTRY, PHARMACY & MEDICINE [UNIV. OF PATRAS]

“Chemical Biology”

- 🎧 “Medicinal Chemistry” · 2015 -2018 [o]

Research Activities

SCIENTIFIC FIELD

Medicinal Chemistry

RESEARCH INTERESTS

Natural & Modified Steroids - Design and Synthesis of Ester and Amide derivatives - Evaluation of Possible Anti-tumor Activity [PUBLs: 1-10, 17, 18, 22, 23, 27, 33, 34, 35, 37]

Heterocyclic Compounds

- Bioactive Building Blocks in Heterocyclic Synthesis [PUBLs: 14, 29, 40, 41]
- Regioselective Synthesis of Substituted Isoxazoles, Naphthalenes and their Aza-(hetero)cyclic analogues as molecular sensors for Imaging techniques

Design and Synthesis of Drugs against Infections [PUBL: 31]

Peptides - Polypeptides

Synthesis - Conformational Studies

- Bioactive peptides' analogues [PUBLs: 11, 12, 20, 21, 28, 30, 32]
- Role of Zn(II) in the activity of the Angiotensin II Converting Enzyme (ACE) [PUBLs: 13, 15, 16, 19, 24, 26, 36]
- Coordination Chemistry - Zn(II) Complexes with Pharmaceutical interest [PUBLs: 25, 36]
- Anthrax Lethal Factor (LF) [PUBL: 38]

COLLABORATIONS

[by CHRONOLOGICAL ORDER]:

Prof. P. Catsoulacos†, Dept. of Pharmacy, University of Patras GR.....	1983
Prof. Ch. Camoutsis, Dept. of Pharmacy, University of Patras GR.....	1983
Dr. A. Papageorgiou, "Theageneion Cancer Hospital" Thessaloniki, GR.....	1986
Prof. S. Nikolaropoulos, Dept. of Pharmacy, University of Patras GR.....	1988
Prof. P. Cordopatis†, Dept. of Pharmacy, University of Patras GR.....	1992
Prof. E. Manessi-Zoupa, Dept. of Chemistry, University of Patras GR.....	1992
Prof. I. Gerothanassis, Dept. of Chemistry, University of Ioannina GR.....	1996
Prof. G. Varvounis, Dept. of Chemistry, University of Ioannina GR.....	2000
Assist. Prof. V. Magafa, Dept. of Pharmacy, University of Patras GR.....	2000
Dr. P. Tsoungas, Hellenic Pasteur Institut, Athens, GR.....	2000
Prof. S. Perlepes, Dept. of Chemistry, University of Patras GR.....	2001
Prof. G. Spyroulias, Dept. of Pharmacy, University of Patras GR.....	2001
Dr. Th. Maina-Nock, NCSR "Demokritos", Athens GR.....	2002
Dr. J. Slaninová, Dept. of Peptide Biochemistry, Czech Academy of Sciences CZ.....	2002
Dr. L. Leontiadis, NCSR "Demokritos", Athens, GR.....	2004
Assoc. Prof. F. Lamari, Dept. of Pharmacy, University of Patras GR.....	2008
Assist. Prof. M. Fousteris, Dept. of Pharmacy, University of Patras GR.....	2008
Prof. Dr. A. Giannis, Institut für Organische Chemie, Universität Leipzig D.....	2012
Prof. Y. Clonis, Dept. of Biotechnology, Agricultural University of Athens GR.....	2014
Prof. S. Hamodrakas, Dept. of Cell Biology & Biophysics, University of Athens GR.....	2014
Assist. Prof. V. A. Iconomidou, Dept. of Cell Biology & Biophysics, University of Athens GR...	2014

Publications

DOCTORAL DIPLOMA

“Synthesis and Biological Activity of Modified Steroidal Esters with N,N-bis(2-chloroethyl)aniline Derivatives”

Institution: University of Patras
School of Health Sciences
Department of Pharmacy
Date: 1986

NATIONAL DEPOSITORY OF PhD THESES

Date of Inscription: 1987

Handle Address: <http://hdl.handle.net/10442/hedi/0824>

DOI: [10.12681/eadd/0824](https://doi.org/10.12681/eadd/0824)

A'. BOOKS

1. “Control and Identification of Pharmaceutical Compounds”
Laboratory Textbook [MEDICINAL CHEMISTRY COURSES; Acad. years: 1993-2006]
Patras · 1992
2. “Φαρμακευτικά Προϊόντα Φυσικής Προελεύσεως” G. Samuelsson,
Greek Edition of: *Drugs of Natural Origins. A Textbook of Pharmacognosy*,
Swedish Pharmaceutical Press, 3rd edition, 1992
by P. Cordopatis, E. Manessi-Zoupa and G. Pairas,
Crete University Press, Herakleion, Greece, 1996
ISBN-10: 960-524-015-7, ISBN-13: 978-960-524-015-8
3. “3rd Hellenic Forum on Bioactive Peptides”
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)
Typorama · Patras 2003 · ISBN13: 9-789607-620293
4. “4th Hellenic Forum on Bioactive Peptides”
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)
Typorama · Patras 2005 · ISBN13: 9-789607-620316
5. “Drugs against Infections”
Textbook for the course of Medicinal Chemistry IV
[DEPT OF PHARMACY · GRADUATE STUD. PROGRAM]
Patras · 2006, Revised 2011
6. “5th Hellenic Forum on Bioactive Peptides”
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)
Typorama · Patras 2008 · ISBN13: 9-789607-620323
7. “6th Hellenic Forum on Bioactive Peptides”
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)
Typorama · Patras 2010 · ISBN13: 9-789607-620330

B'. INTERNATIONAL JOURNALS [PEER REVIEWED]

1. "Effect of an Homo-Aza-Steroidal Ester on Estrogen Receptor"
G. Leclercq, N. Devleeschouwer, G. Pairas, Ch. Camoutsis and P. Catsoulacos.
Meth Find Exp Clin Pharmacol, 5(6) (1983) 365. PMID: 6621181 [PubMed - ind. for MEDLINE] [i↵](#)
2. "A New Route for the Synthesis of Steroidal Esters of Carboxylic Derivatives of N,N-bis(2-chloroethyl)aniline with DCC"
G. Pairas, Ch. Camoutsis and P. Catsoulacos.
Eur. J. Med. Chem-Chim. Ther, 20(3) (1985) 287. ISSN: 0223-5234 CODEN: EJMCA5
3. "On the Synthesis of Homo-Aza-Steroidal Esters"
G. Pairas and P. Catsoulacos.
Eur. J. Med. Chem-Chim. Ther., 21(6) (1986) 525
4. "Further Studies on the Antineoplastic Activity of Homo-aza-Steroidal Esters"
G. Pairas, P. Catsoulacos, A. Papageorgiou and L. Boutis.
Oncology, 43(6) (1986) 344. PMID: 3808565 [PubMed - ind. for MEDLINE] [i↵](#)
5. "Synthesis of a New nor-Aza-Steroidal Ester of N,N-bis(2-chloroethyl)amino phenylbutyric acid and in vitro Study of its Mutagenicity and Clastogenicity"
C. Athanassiou, G. Pairas, P. Catsoulacos and K. Athanassiou.
Oncology, 43(6) (1986) 390. PMID: 3808573 [PubMed - ind. for MEDLINE] [i↵](#)
6. "Stereochemical Investigation of Steroidal Ketoximes"
G. Pairas, S. Nikolaropoulos and P. Catsoulacos.
Pharmakeutike, 1 (1988) 17
7. "Assesment of anti-HIV and Antiproliferative Activity of Homo-Aza-Steroidal Esters in Culture"
G. Pairas and P. Catsoulacos.
Eur. J. Med. Chem., 25(6) (1990) 539. DOI: 10.1016/0223-5234(90)90149-W [i↵](#)
8. "Activity of 17 β -Hydroxy-3-aza-A-homo-4a-androsten-4-one-p-N,N-bis (2-chloro-ethyl) amino phenoxyacetate (NSC 620480) in P388 leukemia. Activity of Steroidal Lactams in Ehrlich Tumor"
P. Catsoulacos and G. Pairas.
Meth Find Exp Clin Pharmacol, 12(7) (1990) 501. PMID: 2087151 [PubMed-ind. for MEDLINE] [i↵](#)
9. "Synthesis of Heterocyclic Steroids"
P. Catsoulacos and G. Pairas.
Pharmakeutike, 4(1) (1991) 26. DOI: 10.1002/chin.199141295 [i↵](#)
10. "On the Formation of Estrone Lactam Esters of N,N-Bis(2-chloroethyl) aminocinnamic Acid Isomers, p-N, N-bis(2-chloroethyl)butyric Acid and their Antitumor Activity"
P. Catsoulacos, G. Pairas and A. Papageorgiou.
J. Heterocyclic Chem., 32(3) (1995) 1063. DOI: 10.1002/jhet.5570320365 [i↵](#)
11. "Conformational Analysis of the Nonapeptide Leuporelin Using NMR and Molecular Modelling"
D. Benaki, E. Paxinou, V. Magafa, G. Pairas, E. Manessi-Zoupa, P. Cordopatis and E. Mikros.
Letters in Peptide Science, 8(2) (2002) 77 [i↵](#)
12. "Monitoring the Structural Consequences of Phe¹²→D-Phe and Leu¹⁵→Aib Substitution in h/r Corticotropin Releasing Hormone: Implications for Design of CRH Antagonists"
G. Spyroulias, S. Papazacharias, G. Pairas and P. Cordopatis.
European Journal of Biochemistry, 269 (2002) 6009. DOI: 10.1046/j.1432-1033.2002.03278.x [i↵](#)

13. "Zinc-Binding in Peptide Models of ACE Active Sites Studied through ¹H NMR and Chemical Shift Perturbation Mapping"
A. Galanis, G.A. Spyroulias, R. Pierattelli, A. Tzakos, A. Troganis, I. Gerothanassis, G. Pairas, E. Manessi-Zoupa and P. Cordopatis.
Biopolymers, 69(2) (2003) 244, DOI: 10.1002/bip.10362.
Figure 4 is the cover illustration of this issue of Biopolymers [i↵](#)
14. "1-Substituted 3-Dimethylaminoprop-2-en-1-ones as Building Blocks in Heterocyclic Synthesis"
Ch. Camoutsis and G. Pairas.
Trends Heterocycl Chem, 9 (2003) 237,
[Αναδημ.: *Cheminform-Wiley Online Library*, 36(38) (2005)], DOI: 10.1002/chin.200538274 [i↵](#)
15. "Structural Features of Angiotensin-I Converting Enzyme Catalytic Sites: Conformational Studies in Solution, Homology Models and Comparison with Other Zinc Metallopeptidases"
G. A. Spyroulias, A.S. Galanis, G. Pairas, E. Manessi-Zoupa and P. Cordopatis.
Current Topics in Medicinal Chemistry, 4(4) (2004) 403. DOI: 10.2174/1568026043451294 [i↵](#)
16. "Solid Phase Synthesis and Conformational Properties of ACE Catalytic Site Peptides: The Basis for a Structural Study on the Enzyme-Substrate Interaction"
A. Galanis, G. Spyroulias, G. Pairas, E. Manessi-Zoupa and P. Cordopatis.
Biopolymers, 76(6) (2004) 512. DOI: 10.1002/bip.20163 [i↵](#)
17. "Synthesis and Cytogenetic Studies of Structure–Biological Activity Relationship of Esters of Hecogenin and aza-homo-Hecogenin with N,N-bis(2-chloroethyl)aminocinnamic acid Isomers".
Ch. Camoutsis D. Mourelatos, G. Pairas, E. Mioglou, Ch. Gasparinatou and Z. Iakovidou.
Steroids, 70(9) (2005) 586. DOI: 10.1016/j.steroids.2005.02.018 [i↵](#)
18. "On the Formation of 4-[N,N-bis(2-chloroethyl)amino]phenyl Acetic Acid Esters of Hecogenin and aza-homo-Hecogenin and their Antileukemic Activity"
Ch. Camoutsis, D. Trafalis, G. Pairas and A. Papageorgiou.
Il Farmaco, 60(10) (2005) 826. DOI: 10.1002/chin.200608162 [i↵](#)
19. "Expression, Purification and Physicochemical Characterization of N-Terminal Active Site of Human Angiotensin Converting Enzyme (ACE)"
S.-S.Vamvakas, L. Leondiadis, G. Pairas, E. Manessi-Zoupa, G. Spyroulias and P. Cordopatis.
J. Peptide Sci.,13(1) (2007) 31. DOI: 10.1002/psc.788 [i↵](#)
20. "Synthesis of a Protected δ-Glycoamino Acid Building Block for Incorporation into Peptide Chains"
G. Paloumbis, C. Petrou, B. Nock, T. Maina, G. Pairas, P. Tsoungas and P. Cordopatis.
Synthesis, 6 (2007) 845. DOI: 10.1055/s-2007-965942 [i↵](#)
21. "Synthesis and sst2 Binding Profiles of New Tyr³-Octreotate Analogues"
C. Petrou, V. Magafa, A. Nikolopoulou, G. Pairas, B. Nock, T. Maina and P. Cordopatis.
J. Peptide Sci., 14(6) (2008) 725. DOI: 10.1002/psc.989 [i↵](#)
22. "Rational Design, Synthesis, and in vivo Evaluation of the Antileukemic Activity of Six New Alkylating Steroidal Esters"
A.Koutsourea, M. Fousteris, E. Arsenou, A.Papageorgiou, G. Pairas and S. Nikolaropoulos.
Bioorganic & Medicinal Chemistry, 16(9) (2008) 5207. DOI: 10.1016/j.bmc.2008.03.015 [i↵](#)
23. "Synthesis, in vivo Antileukemic Evaluation and Comparative Study of Novel 5α-7-keto Steroidal Esters of Chlorambucil and its Active Metabolite"
A.Koutsourea, M. Fousteris, E. Arsenou, A.Papageorgiou, G. Pairas and S. Nikolaropoulos.
In Vivo, 22(3) (2008) 345 [i↵](#)

24. "Folding in Solution of the C-Catalytic Protein Fragment of Angiotensin-Converting Enzyme"
S. Vamvakas, L. Leondiadis, G. Pairas, E. Manessi-Zoupa, G.A. Spyroulias and P. Cordopatis.
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