

# **CURRICULUM VITÆ**

**George N. Pairas, PhD**  
Pharmacist

**Assoc. Professor - Medicinal Chemistry**

School of Health Sciences  
Department of Pharmacy  
University of Patras  
Greece

**PATRAS**  
SEPTEMBER 2019

## CONTENTS

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Page Numbers in the Contents Section are internal bookmarks → to the specific page.

Each page's footer contains a [Back to Contents](#) → link.

The [!\[\]\(99f58673407353e96a019fbca558fd72\_img.jpg\)](#) symbol is an [active hyperlink to the web](#), leading to: depositories, the ISBN.org, individual journals, etc. (user's or institution's login credentials may be necessary for full access).

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Personal Data .....	→03
Formal Education · Languages .....	→03
Positions .....	→04
Academic & Related Activities .....	→04
Professional Organizations & Societies .....	→04
Conferences Organization .....	→05
Research Projects .....	→06
Educational Projects .....	→07
Teaching Activities .....	→07
● Graduate Courses [DEPT OF PHARMACY · UPATRAS] .....	→07
● Post Graduate Courses [PGCs] .....	→08
Research Activities .....	→09
● Scientific Field - Research Interests .....	→09
● Collaborations .....	→09
Publications .....	→10
Doctoral Diploma .....	→10
A'. Books and Educational Material .....	→10
B'. International Journals [Peer Reviewed] .....	→11
C'. Conference Papers, Books & Proceedings Volumes [Peer Reviewed] .....	→15
D'. International Conferences Communications [Books of Abstracts] .....	→18
E'. National Conferences Publications [Proceedings Volumes] .....	→22
F'. National Conferences Communications [Books of Abstracts - in Greek] .....	→25
G'. Summary of Published Work .....	→31

## Personal data

### NAME

George

### SURNAME

Pairas

### BORN

March 20 · 1961 · Athens · Greece

### NATIONALITY

Greek

### MARITAL STATUS

Single

### MILITARY SERVICE

Hellenic Air Force 1985-1986

### OFFICE ADDRESS

Laboratory of Medicinal Chemistry  
Department of Pharmacy, University of Patras  
GR-265 04 Patras

### HOME ADDRESS

Fokionos 81B  
GR-263 35 Patras

### CONTACT

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Email: gpairas@upatras.gr / gpairas@icloud.com  
Mobile: +30 6945 876248

## Formal Education

### HIGH SCHOOL GRADUATION

5<sup>th</sup> Lyceum · Exarchia · Athens · Greece · 1978

### UNIVERSITY DIPLOMA [B.Sc.] · Pharmacy

Department of Pharmacy · University of Patras · 1982

### DOCTORAL DIPLOMA (Ph.D.) · Medicinal Chemistry

Department of Pharmacy · University of Patras · 1987

## Languages

GREEK · Native

FRENCH · Certificat de la Langue Française & Sorbonne I · Athens · 1980

ENGLISH

## 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

## Academic & Related Activities

SENATE MEMBER, UNIVERSITY OF PATRAS

Department's Representative at Lecturers' Level · 1991-1992

COMMITTEE OF CLINICAL TRIALS

University of Patras · 2002-2004

NATIONAL NARCOTICS BOARD

Article 5 of 3459/2006 (20/03-02-2011, issue Y.O.Δ.Δ.)

Ministry of Health · ATHENS · 2011-2012 & 2013-2014

EUROPEAN PEPTIDE SOCIETY

Web Content Editor · 2013 - present

Society's WebMaster · 2009 - present

DEPARTMENT OF PHARMACY, UNIVERSITY OF PATRAS

Post Graduate Studies' Coordinating Committee, Member · 2001-2018

Examinations Committee, Member · 2003 - 2017

Official Departmental Studies' Guide, Editor · 2002 - present

Departmental Committees, Member · 1990-present

## Professional Organizations & Societies

Panhellenic Pharmacists Association, 1990

Hellenic Society of Medicinal Chemistry, 1996

European Peptide Society, 2000

Hellenic Peptide Society, Founding Member, 2007 [pend.]

## Conferences Organization

1. COMMET Seminar: "New Developments in Drug Research and Technology"  
May 1995 · Patras [Organizing Committee]
2. 1<sup>st</sup> Hellenic Forum on Bioactive Peptides  
October 1996 · Patras [Organizing Committee]
3. 1<sup>st</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2000 · Patras [Scientific & Organizing Committee]
4. 2<sup>nd</sup> Hellenic Forum on Bioactive Peptides  
April 2000 · Patras · [Organizing Committee]
5. 2<sup>nd</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2001 · Patras · [Scientific & Organizing Committee]
6. 3<sup>rd</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2002 · Patras [Scientific & Organizing Committee]
7. 3<sup>rd</sup> Hellenic Forum on Bioactive Peptides  
April 2002 · Patras [Organizing Committee]
8. 4<sup>th</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2003 · Patras [Scientific & Organizing Committee]
9. 11<sup>th</sup> Hellenic Symposium on Medicinal Chemistry  
January 2004 · Patras [Organizing Committee]
10. 5<sup>th</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2004 · Patras [Scientific & Organizing Committee]
11. 4<sup>th</sup> Hellenic Forum on Bioactive Peptides  
April 2004 · Patras [Organizing Committee]
12. 6<sup>th</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2005 · Patras [Scientific & Organizing Committee]
13. 12<sup>o</sup> Hellenic Symposium on Medicinal Chemistry  
January 2006 · Patras [Organizing Committee]
14. 7<sup>th</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2006 · Patras [Scientific & Organizing Committee]
15. 5<sup>th</sup> Hellenic Forum on Bioactive Peptides  
May 2006 · Patras [Organizing Committee]
16. 8<sup>th</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2007 · Patras [Scientific & Organizing Committee]
17. 9<sup>th</sup> Conference on Medicinal Chemistry "Drug Discovery & Design"  
March 2008 · Patras [Scientific & Organizing Committee]
18. 6<sup>th</sup> Hellenic Forum on Bioactive Peptides  
May 2008 · Patras [Organizing Committee]
19. 7<sup>th</sup> Hellenic Forum on Bioactive Peptides  
May 2010 · Patras [Organizing Committee]
20. 1<sup>st</sup> Congress on Pharmaceutical Sciences  
April 2012 · Athens [Scientific Committee]
21. 32<sup>nd</sup> European Peptide Symposium [BiAnnual Symposium of the European Peptide Society]  
September 2012 · Athens [Organizing Committee]
22. Synthetic & Medicinal Chemistry Symposium  
May 2014 · Patras [Scientific & Organizing Committee]

23. 2<sup>nd</sup> Congress on Pharmaceutical Sciences: from Research to Society  
October 2014 · Patras [Scientific Committee]
24. 16<sup>th</sup> Hellenic Symposium on Medicinal Chemistry  
January 2015 · Patras [Organizing Committee]
25. NMR Applications in Life Sciences - Exploring Peptides & Proteins -  
A Tribute to Paul Cordopatis [SEEDRUG Conference]  
June 2016 · Patras [Organizing Committee]
26. 17<sup>th</sup> Hellenic Symposium on Medicinal Chemistry  
June 2017 · Thessaloniki [Organizing Committee]
27. 2<sup>nd</sup> "Synthetic Medicinal Chemistry" Symposium  
May 2018 · Patras [Organizing Committee]
28. 3<sup>rd</sup> "Chemistry at the Interface of Biology & Medicine" Symposium  
September 2019 · 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]
- 🎧 "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]

- 🎧 "Pleclinical 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., o] · 2004 - present
- 🎧 "Classic Analytical Chemistry"  
[2nd Sem., o] · 1999 - 2015 [from 2016 as "Analytical Chemistry"]
- 🎧 "Analytical Chemistry"  
[2nd Sem., o] · 2016 - present
- 🎧 "Laboratory of General & Analytical Chemistry"  
[3rd Sem., o] · 2003 - 2015 [from 2016 as Lab exercises in "Analytical Chemistry"]
- 🎧 "Synthetic Organic Chemistry"  
[3rd Sem., o] · 1998 - 2015
- 🎧 "Bioethics - Pharmaceutical Legislation"  
[4th Sem., o, subj.: Bioethics] · 2016 - present
- 🎧 "Lab. Courses of Medicinal Chemistry I"  
[5th Sem., o] · 1997 - 2015
- 🎧 "Medicinal Chemistry IV: Drugs against Infections"  
[7th Sem - ●] · 1993 - 2018
- 🎧 "Medicinal Chemistry IV"  
[7th Sem - o] · 1989 - 1993
- 🎧 "Lab. Courses of Medicinal Chemistry IV"  
[7th Sem., o] · 1993 - 2018
- 🎧 "Medicinal Chemistry II"  
[7th Sem - o] · 2019
- 🎧 "Medicinal Chemistry III"  
[8th Sem - o] · 2020
- 🎧 "Bioethics - Pharmaceutical Legislation"

[9th Sem., o, subj.: Bioethics] · 2009 - present

- 🎧 "Pharmaceutical Practice" & "Pharmaceutical Care"  
[9th & 10th Sems., o] · 1997 - present

## POST GRADUATE COURSES

NEW

### POSTGRADUATE PROGRAM OF THE DEPARTMENT OF PHARMACY

[UNIV. OF PATRAS, started 2018-2019]

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

NEW

### INTERDEPARTMENTAL POSTGRADUATE PROGRAM

DEPTS OF MEDICINE, BIOLOGY, PHARMACY & PHYSICS [UNIV. OF PATRAS]

#### "Informatics for Life Sciences"

- 🎧 "Introduction to Pharmaceutical Sciences" · 2012-present [o]

### PREV. 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]

### PREV. INTERDEPARTMENTAL POSTGRADUATE PROGRAM

DEPTS 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]

### PREV. INTERUNIVERSITY POSTGRADUATE PROGRAM

DEPTS 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 with an Emphasis on the Chemistry - Stereochemistry and the Mechanisms of Synthesis of Pharmacologically Active Compounds and their Structure-Activity Relationship.

### 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

29. “Control and Identification of Pharmaceutical Compounds”  
Laboratory Textbook [MEDICINAL CHEMISTRY COURSES; Acad. years: 1993-2006]  
Patras · 1992
30. “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
31. “3rd Hellenic Forum on Bioactive Peptides”  
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)  
Typorama · Patras 2003 · ISBN13: 9-789607-620293
32. “4th Hellenic Forum on Bioactive Peptides”  
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)  
Typorama · Patras 2005 · ISBN13: 9-789607-620316
33. “Drugs against Infections”  
Textbook for the course of Medicinal Chemistry IV  
[DEPT OF PHARMACY · GRADUATE STUD. PROGRAM]  
Patras · 2006, Revised 2011
34. “5th Hellenic Forum on Bioactive Peptides”  
(Eds.: P. Cordopatis, E. Manessi-Zoupa and G. Pairas)  
Typorama · Patras 2008 · ISBN13: 9-789607-620323
35. “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 $\beta$ -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 Phe<sup>12</sup>→D-Phe and Leu<sup>15</sup>→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 <sup>1</sup>H 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. Gasparinatu 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.  
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## C'. INTERNATIONAL JOURNALS & BOOKS

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&

PROCEEDINGS SERIES OF PEPTIDE SYMPOSIA

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#### D'. INTERNATIONAL CONFERENCES COMMUNICATIONS [BOOKS OF ABSTRACTS]

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N. Labrou, P. Cordopatis<sup>†</sup> and Y. Clonis.  
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## E'. NATIONAL CONFERENCES PUBLICATIONS [PROCEEDINGS VOLUMES]

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#### F'. NATIONAL CONFERENCES COMMUNICATIONS [BOOKS OF ABSTRACTS - IN GREEK]

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Athens, May 1984 (Abstract Book, p. 55) [ανακοίνωση αποτελεσμάτων Δ.Δ.] [↩](#)
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9. "3D Structure in Solution of CRH Synthetic Analogues Through <sup>1</sup>H NMR Spectroscopy".  
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G. Papageorgiou, M. Fragiadaki, G. Pairas, V. Magafa, J. Slaninova, and P. Cordopatis.  
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## G'. SUMMERY OF PUBLISHED WORK

Theses .....	1
Books and Educational Material .....	7
International Journals [PEER REVIEWED] .....	41
Conference Papers, Books & Proceedings Volumes [PEER REVIEWED] .....	22
International Conferences Communications [BOOKS OF ABSTRACTS] .....	24
National Conferences Publications [PROCEEDINGS VOLUMES] .....	25
National Conferences Communications [BOOKS OF ABSTRACTS - IN GREEK] .....	52

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