

CURRICULUM VITAE

CHARIS A. LIAPI

ENDOCRINOLOGIST

**ASSOCIATE PROFESSOR
OF PHARMACOLOGY**

2017

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CURRICULUM VITAE

1. PERSONAL DATA.

NAME CHARIS LIAPI (father name Anastasios)
DATE OF BIRTH 26-5-1954
LOCATION OF BIRTH ATHENS
NATIONALITY GREEK
Home Address V Laskou 52, Papagou Athens, 15669, Greece
Work Address Department of Pharmacology
Medical School, National and Kapodistrian University of Athens (NKUA)
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Phone numbers Home (30) 210 6516174
Work (30) 210 7462504
Mobile (30) 6974377600
Email cliapi@med.uoa.gr

2. CURRENT ACADEMIC POSITION- ACADEMIC POSITIONS

2010-today : Associate Professor of Pharmacology, Medical School, NKUA
2002-2010 : Tenured Assistant Professor, Medical School, NKUA,
1999- 2002 : Assistant Professor, of Pharmacology, Medical School, NKUA
1991- 1999 : Lecturer, Medical School, NKUA,

3 LICENCE MD/ ENDOCRINOLOGY

1990 : Licence in Endocrinology
1980 : Licenced Medical Doctor

4 UNDERGRADUATE and POSTGRADUATE STUDIES

4 I. STUDIES

A. Basic studies:

1960- 1966 Elementary School
1966- 1972 : High School, Italian School Of Athens

B. Undergraduate studies:

1973 -1979 : Medical School, NKUA

C. Postgraduate studies

1982-1999 : Speciality in Endocrinology (see clinical experience for details)

D : DOCTOR of MEDICINE (grade excellent)

1988 : Dissertation Title: «Hormonal regulation of adenylate cyclase in human teratocarcinoma cells during the in vitro differentiation»,

4II POSTGRADUATE COURSES

1987-1990 Courses Organized by the Foundation for Advanced Education in Science (FAES) –NIH

- Radiation Safety
- Neurochemistry (semester)
- Recombinant DNA methodology (semester)
- Animal Care
- A Review of Endocrinology
- Diagnosis and treatment of inborn errors of metabolism (semester)

2005 Seminar : Education of Educators (coordinator Prof D Vassilopoulos, NKUA))

2004 Workshop : Methodology of Clinical Trials,” at the 7th Congress of European Association for Clinical Pharmacology and Therapeutics, 2005, Poland

2009 Workshop: Innovation in Teaching Physiology and Pharmacology in Universities in Eastern Europe Belgrade 7-8 Oct Organized by Professor David Dewhurst

5 . LABORATORY EXPERIENCE

1986-1990 NIHCHD, NCI, NIH, Bethesda, Maryland
-Growth Factors (NICHD)
-Signal Transduction (PKA, PKC) (NCI)

1983-1986 Unité INSERM 188, Paris, France
-Radioimmunoassays of Hormones
-Cell Biology

1977-1981 Dept of Pharmacology, Medical School, NKUA:
- Radioimmunoassays of Hormones

6. CLINICAL EXPERIENCE

1991to present Practicing Endocrinology

1990 Licence in Endocrinology

Specialization

1986-1988 - Endocrinology: National Institute Child Health and Disease (NICHD), Developmental Endocrinology Branch (DEB), NIH, HΠΑ

1984-1986 Endocrinology: Hopital Universitaire: Service de Pediatrie, Endocrinologie et Nutrition, Hopital St Vincent de Paul, Paris, France

1983- 1984 2nd year of Pediatrics χρόνος Παιδιατρικής: Πανεπιστημιακή Κλινική: Service de Endocrinologie et Nutrition, Hopital St Vincent de Paul, Paris, France

1984-1986 - 1st year of pediatrics: Paediatric Clinic, Volos Hospital, Greece

Compulsory service

1980-1981 Urological Clinic of the Volos Hospital (obligatory service) before starting speciality of Endocrinology

7. FOREIGN LANGUAGES

English (Lower of Cambridge) fluently)

French (Diplome Supérieur III) fluently)

Italian (Diploma Superiore di Corso di Lingua Italiana) (fluently)

8. - SCHOLARSHIPS AWARDS - DISTINCTIONS

8.1 SCHOLARSHIPS

- 1986-1989 Foggarty Fellowship NIH, USA
1984-1986 Fondation Pour La Recherche Medicale Fellowship, France
1976 Scholarship by the Italian School of Athens (Casa d'Italia) for attending the course of Italian language at the University of Perugia, Italy
1974 Scholarship by the Italian School of Athens (Casa d'Italia) for attending the course of Italian language at the University of Urbino, Italy
1967-1971 Scholarship for studies at the Italian School of Athens (High school and Lyceum)
,

8.2 AWARDS

- 2013** ‘*Ikko’s Prize*’ for the best published study by the Hellenic Endocrine Society
Gogali F, Paterakis G, Rassidakis GZ, Kaltsas G, Liakou CI, Gousis P, Neonakis E, Manoussakis MN, Liapi C.
Phenotypical analysis of lymphocytes with suppressive and regulatory properties (Tregs) and NK cells in the papillary carcinoma of thyroid.
J Clin Endocrinol Metab, 2012 May;97(5):1474-82. doi: 10.1210/jc.2011-1838.
40th Panhellenic Congress of Endocrinology
- 2012** *Award for the best oral presentation* by Hellenic Society of Pharmacology
A. Strilakou, S. Tsakiris, A. Perelas, K. Kalafatakis, A. Stylianaki, A. Koulouris, C. **Liapi**.
‘Choline deficiency modulates myocardial autonomic neurotransmission in the rat: the effect of carnitine’.
7th Panhellenic Congress of Pharmacology, Thessaloniki May18-20 2012.
- 2012** *3^d Prize for the best oral presentation* by the Organizing Com of the 21st Meeting Days of Pathology
A KyriakaKi, A. Strilakou. M. Gazouli, N. Anagnou, **C. Liapi**.
‘Effect of choline deficient diet diet on the expression of GLUT 2 in the liver of experinatally induced diabetic mice.
21st Meeting Days of Pathology, Athens, March 16- 17 2012.
- 2011** *Honor* by Hellenic Society of Pharmacology
Strilakou A, Mourouzis I, Stilianaki K, Perelas A, Zarros A, **Liapi C**.
Cardiac dysfunction due to choline deficient diet is restored by carnitine supplementation
10th Meeting in Pharmacology, Athens March 12 2011.
- 2007** *Grant* by the Hellenic Endocrine Society for the ***best research proposal***
The role of T regulatory cells (Treg cells) in the immune response of thyroid cancer)
C Liapi (principal Investigator)
- 2004** *3d Prize for the best poster*, by by Hellenic Society of Pharmacology
J.S. Papadopoulos, P. Galanopoulou, H. Carageorgiou, **C. Liapi**, A. Zarros
Museum of Pharmacology: Foundation, Aims, Support and Perspectives
3^d Panhellenic Congress of Pharmacology with international participation, Thessaloniki, 2004
- 1992** *1st Prize for the best stydy submitted to 18th Panhellenic Medical Congress by Hellenic Medical Society*
C Liapi και W.B. Anderson.

Effect of D-ala peptide-NH₂ on cyclic dependent kinases of patients with psoriasis
18th Panhellenic Medical Congress, Athens 1992.

DISTINCTIONS

- 1967-1971** Awards from the Municipality of Athens to High School students for excellent performance

9. MEMBER OF THE EDITORIAL BOARD OF JOURNALS or JOURNAL REVIEWER

MEMBER OF THE EDITORIAL BOARD

- Editorial advisor of the Journal Basic and Clinical Pharmacology and Toxicology
Editorial board of the Review of Clinical Pharmacology and Pharmacokinetics (International edition)
Editorial Board of Neurosurgery cases and Reviews
Editorial Board of Pharmaceutical Drug Regulatory Affairs Journal (PDRAJ)

REVIEWER of Scientific Journals (selection)

- Applied Biochemistry and Biotechnology
Biochimica Biophysica Acta
Bioorganic & Medicinal Chemistry
British Journal of Dermatology
British Journal of Pharmacology
British Journal of Sports Medicine
Cancer Letters
Clinical Biochemistry
Digestive Diseases and Sciences
Drug and Chemical Toxicology
Frontiers Neuroscience,
International journal of Developmental Neuroscience
Immunological Investigation
Journal of Investigative Dermatology
Journal of Clinical Endocrinology & Metabolism
Journal of Sports Sciences
Neurochemistry International
Peptides
Progress in Neuro-Psychopharmacology & Biological Psychiatry
Tumor Biology
Thyroid

10 . MEMBER OF SCIENTIFIC SOCIETIES

- 1987 - today** Endocrine Society
1990 - today Hellenic Society of Endocrinology
1993 - today Hellenic Society of Pharmacology (HSP)
1997 - today Federation of European Pharmacological Societies (EPHAR)
1996-1998 Hellenic Society of Physicians for the Environment
2003- 2012 Hellenic Anthropological Society

11. PARTICIPATION IN SCIENTIFIC COMMITTEES

I. EUROPEAN COMMITTEES

A. *Federation of European Pharmacological Societies (EPHAR)*

2006-2012 : Member of the Executive Committee of EPHAR
2012-2016 EPHAR Honorary Auditor

B. EMA (European Medicine Agency)

2009- today Expert of the EMA Expert Database

II. GREEK COMMITTEES

A 1. Ministry of Health

2013-2015 *Committee for Illicit drugs* Associate Member (regularly present)
2006-2008 *Committee for Road Safety* Member: In charge of the “drugs and driving” sector.
The proposals of the committee were included in the strategic planning of the Ministry

A2, Ministry Of Culture And Education

2016- today Hellenic National Council For Combating Doping (HNCCD) (Member Ex Com)

B. National Drug Organization (EOF)-

2005-today Expert for medicinal products
2016- today *Committee For The Evaluation of Medical Information And Advertisement from Pharmaceutical Companies (President)*
2014-2016 *Committee For The Approval of Biocidal Products (Member)*
2010-2013 *Committee For The Approval of Medicinal Products For Human Use (Member)*
2005-2009 - *Committee For The Approval o Medicinal Products For Human Use with Mutual Agreement (Member)*

C National and Kapodistrian University of Athens

2015 –today Member of the Medical School Committee for the *ERASMUS* project :
2004 & 2005 Member of the Committee for the selection of candidate students for Post Doctorate Course in Molecular Medicine:
1994-today Member of election committees and doctoral dissertation committees

12 ORGANIZING SKILLS(I) - ADMINISTRATIVE TASKS (II)

I. ORGANIZING SKILLS

- A COURSES
- B. CONGRESS
- C MUSEUM COLLECTION

II. ADMINISTRATIVE TASKS

- A. MEMBER OF COMMITTEES OF THE MEDICAL SCHOOL
- B. MEMBER OF THE EXEC COM OF HSP AND EPHAR
- C .OTHER RESPONSABILITIES

I. ORGANIZING SKILLS

A COURSE ORGANIZATION at NKUA

2013- 2016 Co-Responsible of the educational program in Pharmacology, at Medical School

1. Obligatory courses for graduate students (NKUA)

2013- today: Coordinator and responsible for the *Pharmacology* courses at the Nursing School,
1992- today: Coordinator of the supplemental courses in *Pharmacology* at the Medical School,

2.

3. **Elective courses for graduate students (NKUA)**

1998-2011 : *Introduction in Endocrinology* (Coordinator)

2005-2012 : *Social Pharmacology* (coordinator)

2005-2010 : *Medicine in practice: a methodological approach* (coordinator)

3. Postgraduate courses NKUA

2006 -today: *Clinical Pediatrics- Nursing-Research* (title of the course)

Coordinator of the section ‘Clinical Pediatric Pharmacology’

2004 & 2005 *Molecular Medicine* ’

Member of the committee for selection of candidates for the course: ‘

1999 *Applications of Biology in Medicine*

Member of the Committee of the Postgraduate Course: ‘

B. CONGRESS ORGANIZATION

Member of the Organizing Committee of the Following Congresses:

2015 XVI UNIVERSEUM network meeting Athens

2012 EPHAR 2012 Congress, Granada

2012 7th Panhellenic Congress of Pharmacology, Athens

2011 9th Meeting of Hellenic Society of Pharmacology, Athens (President of Local Organizing Committee)

2010 6th Panhellenic Congress of Pharmacology, Herakleion, Creta

2009 8th Meeting of Hellenic Society of Pharmacology, Athens (President of Local Organizing Committee)

2008 5th Panhellenic Congress of Pharmacology, Athens (President of Organizing Committee)

2007 7th Meeting of Hellenic Society of Pharmacology, Athens (President of Local Organizing Committee)

2006 4th Panhellenic Congress of Pharmacology, Patras

2005 6th Meeting of Hellenic Society of Pharmacology, Athens (President of Local Organizing Committee)

2004 3^d Panhellenic Congress of Pharmacology, Thessaloniki

2003 : 5th Meeting of Hellenic Society of Pharmacology, Athens

2002: 2nd Panhellenic Congress of Pharmacology, Athens

2001: 4th Meeting of Hellenic Society of Pharmacology, Athens

2000 : 1st Panhellenic Congress of Pharmacology, Athens

C ORGANIZATION of the MUSEUM of PHARMACOLOGY

1999 *Museum of Pharmacology* Member of the Organizing Committee at the Dept of Pharmacology, Medical School, NKUA

2005- today *Museum of Pharmacology* Responsible of the museum

II. ADMINISTRATIVE RESPONSIBILITIES

A. ADMINISTRATIVE POSITIONS AT THE MEDICAL SCHOOL, NKUA

2005-2009 Member of the Ex Com of the *Faculty Members Asociacion* of the Medical School, NKUA (Treasurer 2007-2009)

1999-2004 Member of the *Com for the Studies* at the Medical School, NKUA

1996-2004 Member of *General Assembly*, of the Medical School, NKUA

B. HELLENIC SOCIETY OF PHARMACOLOGY AND EPHAR

Hellenic Society of Pharmacology (HSP)

- 2007-2011 President HSP
- 2005-2007 Secretary HSP
- 2001-2005 Member of Exec Com HSP
- 1999-2001 Treasurer HSP

EPHAR and IUPHAR

- 2012-2016 EPHAR Honorary Auditor
- 2006-2012 Member of the Ex Com of EPHAR
- 2006 Delegate of HSP at EPHAR (Peking)
- 2003 Delegate of HSP at EPHAR (Porto)
- 2002 Delegate of HSP at EPHAR IUPHAR (S.Francisco)
- Delegate of HSP at EPHAR (S.Francisco)

D A2, Ministry Of Culture And Health

2017 Delegate of **HELLENIC NATIONAL COUNCIL FOR COMBATING DOPING** at WADA International Meeting (Lausanne March 2017)

C. OTHER RESPONSABILITIES

1993-1998 Responsible for the Provision and Use of Radioactive materials at the Dept of Pharmacology (by Demokritos EEAЕ :ΑΠ. Αα/409/1428)

13 TEACHING TASKS

- I. UNDERGRADUATE COURSES
- II. POSTGRADUATE COURSES/ SEMINARS

I. UNDERGRADUATE COURSES

A. OBLIGATORY COURSES

1991-today : Teaching Pharmacology to students of the Medical School, Dentistry (partially) and School of Pharmacy, (till 2009)

2013-today : Teaching Pharmacology (only teacher and organizer of pharmacology courses) at the Nursing School,NKUA

B. ELECTIVE COURSES

Teacher and / or Coordinator of the course

- 1991-2010 : Introduction to Endocrinology
- 1992-2003 : Drug Development and postmarketing drug control
- 1992-2012 : Social Pharmacology (coordinator since 2005)
- 1992-2003 : Drug Adverse effects
- 1994-2010 : Practice in Medicine and methodological approach (coordinator since 2005)
- 1994-2005 : Molecular Pharmacology
- 1994-2010 : Environmental Pharmacology
- 2004-2005 : Drug Safety
- 2004-today : Clinical endocrinology

11. POSTGRADUATE LEVEL

A. POSTGRADUATE COURSES

Coordinator of the course or /and teacher of the following postgraduate courses:

Medical School NKUA

2006 -today: *Clinical Pediatrics- Nursing-Research* (Title)
Coordinator of the section «Clinical Pediatric Pharmacology»
(General Coordinatos Prof GP Chroukos/ E Charmandari)

2005 -today: *Intensive Care Units- Cardiology-Nursery* (Title)
(Coordinator Prof Tousoulis)

1999 – 2000: *Clinical and Laboratory Medicine, Preventive Medicine* (Title)
Social Medicine (Coordinator Prof G Kreatsas)

Dental School NKUA

1993-2004: Postgraduate courses in Pharmacology

School of Pharmacy NKUA

1994-today : : *Clinical Pharmacy* (Title)
Coordinator of the section *physiology and pharmacology of Endocrine Diseases*
(coordinator Prof S Kyroudi)

B. POSTGRADUATE SEMINARS

- 1997** Postgraduate seminar “ΔΙΑΥΛΟΣ aiming to the education of scientists working in Pharmaceutical Companies
Title of seminar :*From the development of a drug to the production*”
Presentation: *Detection of Adverse effects; two characteristic examples: contraceptives and growth Hormone*
- 2005** 15th Educational Seminar of the Hellenic Society of Clinical Chemistry– Clinical Biochemistry
Title of seminar: ‘*Drug: Laboratory evaluation and Clinical Application*», Athens
Presentation: *General principles of drug action: Pharmacokinetics- Pharmacodynamics*
- 2005, 2006** 1st and 2nd cycle of Educational Lectures for Pharmacists, Athens
Presentation: *Risk Factors of drugs during pregnancy- lactation- children and old people*

C. SUPERVISION OF DOCTORAL DISSERTATION & DIPLOMAS Of POSTGRADUATE COURSES (main supervisor or member of the committee)

D. DOCTORAL DISSERTATIONS

1. Doctorate Dissertations that Have been defended (supervisor)

Year of the Defense

- 2017** **The role of glutamate** in the development of meningiomas and gliomas
George Dimogerontas, Neurosurgeon
- 2017** **Correlation of obesity with polymorphisms of genes** in a sample of Greek population
Boutsouris Konstantinos, Endocrinologist
- 2016** **The effect of choline deficient diet on the experimental-induced diabetes mellitus in rats**
Kyriakaki Argyro, Biopathologist/Microbiologist
- 2014** **The effect of choline deficient diet on the myocardium of rats: Investigation of the role of carnitine**
Athina Strilakou, Internist specializing in Critical Care Medicine

- 2013** **Effects of antioxidant u-74389g on a porcine model of intracerebral haemorrhage: determination of inflammatory markers and crucial enzymes** (the thesis was written and presented in English)
 Alexios Bimpis, Neurosurgeon
- 2012** **The role of T lymphocytes in the immunological response of thyroid cancer**
 Gogali Fotini, Medical doctor specializing in Endocrinology
- 2011** **The effect of choline deficient diet on the experimental-induced liver cirrhosis in rats** (the thesis was written and presented in English)
 Al-Humadi Hussam, Medical doctor from Irak, honored with Scholarship from the State Scholarships Foundation (IKY)
- 2009** **Effect of choline deficient diet on the brain of rats**
 Feskou Irini, Biopathologist/Microbiologist
- 2005** **The effect of choline deficient diet on female rats and their newborns. Study on liver, brain and ovaries: Correlations with biochemical and cellular markers**
 Kampas Nikolaos, Gynecologist
- 2005** **Effect of choline deficient diet on rat experimental models of hepatotoxicity. Study of cellular apoptosis markers and signal transduction in the liver and brain.**
 Segos Dimitrios, Orthopedist
- 2006** **Significance of leptin levels in liver diseases**
 Bethanis Sotiris, Endocrinologist

Doctorate Dissertations in progress

The effect of choline deficient diet on the myocardium and kidneys of diabetic rats
 Ahmed Al-Humadi, Medical Doctor from Irak,
 honored with Scholarship from the State Scholarships Foundation (IKY)

The effect of vitamin C in wound healing after dermatosurgery
 Eleutheria Tampouratzi, Dermatologist

2, Doctorate Dissertations completed (Member of the counseling three-member committee)

Year of defence

- 2017** **Investigation of enzymatic activity and total antioxidant status of rats after challenge of chronic hyper- and hypo-thyroidism. Control behavior parameters**
 Stolakis Vasilios, Biologist
- 2015** **Study/Investigation of the effect of hypothyroidism during pregnancy or/and lactation on the (Na^+ , K^+) –ATPase and Mg^{2+} -ATPase activity in the whole brain of newborn rats and in specific brain structures after weaning, correlation with the respective maternal parameters of the whole brain**
 Koromilas Christos, Pediatrician
- 2012** **Evaluation of the Quality of Prescriptions**
 Prinea Ephrosini, Pharmacist

- 2011 Effect of calcipotriol on proliferation of chorionic fibroblasts in psoriatic patients using quantification assay methods of regulatory factors of the cell cycl**
 Kanelleas Antonios, Dermatologist
- 2009 Effect of aspartame and its metabolites on acetylcholinesterase, Na +, K + -ATPase and Mg2 +-ATPase activities in the frontal cortex and hippocampus of neonatal rats**
 Simitzi Irini, Neurologist
- 2008 Sibutramine effect on eating behavior and body weight of rats. Investigating the role of newer cytokines of the adipocytes (adiponectin, resistin), leptin and neuropeptide Y.**
 Stroubini Theodora, Internist
- 2006 Treatment of osteoporosis in Greece**
 Tsoumalis George, Endocrinologist
- 2005 Chemoprevention in orthopedics**
 Gourna Chrysoula, Biopathologist/Microbiologist
- 2005 Drug prescriptions in patients covered by Farmers Health Insurance**
 Balkanioti Elina, Cytologist
- 2004 Quantification of urinary glycosaminoglycans in children with femoral head osteochondritis and avascular hip synovitis**
 Orphanos Ioannis, Orthopedic
- 1998 The role of lipoprotein a in preexisting hyperlipidemias and the treatment of its increase**
 Kiortsis Dimitrios-Nikiforos, Endocrinologist

B. POST GRADUATE SPECIALIZATION DIPLOMAS (MEDICAL SCHOOL NKUA)

- Course Title** **Researxh and female reproduction**
2010 *Effect of cadmium in rats during pregnancy: experimental study of the neurotoxicity of the offsprings* (title of thesis)
 Stolakis Vassileios, biologist
- Course Title:** **Clinical and Laboratory Medicine- Preventive Medicine- Social Medicine**
2004 *The angioprotective role of estrogens* (title of thesis)
 Bilariki Kalliopi endocrinologist

14 I. AUTHORSHIP- or TRANSLATION EDITING FOR TEXT BOOKΣ

- I AUTHORSHIP** A. TEXTBOOKS (chapters)
 B . OTHER BOOKS (chapters)
 C. MONOGRAPHY

II. EDITING OF TRANSLATIONS OF MEDICAL BOOKS

III. CO ORDINATOR OF BOOK EDITION

A.AUTHORSHIP OF INSTRUCTION MATERIAL FOR COURSES (chapters in Textbooks)

a. PHARMACOLOGY COURSES (2)

Obligatory Course

2000 Chapter: 'Drugs in pregnancy,' 'Drugs in lactation' 'Drugs in children', 'Drugs in chronic liver Disease' 'Drug in Renal Disease' (total pages= 35)

Supplementary courses

1997 \ Chapter :Glucocorticoids: an example how to study hormonal medications

b. **ELECTIVE COURSES** *chapters in textbooks, Editions of NKUA) (6)*

2000 Real Medicine and the methodology to study it

Chapters: 'Advertisements and Health; ' Evaluation of physicians by the patients'

2004 Environmental Pharmacology

Chapters : Deleterious Effects of xenobiotics on the embryo &Deleterious effects of the environmental estrogens on the embryo) ' (pages 55).

1999 Environmental Pharmacology,

Chapters: ' Deleterious Effects of xenobiotics on the embryo & Deleterious effects of the environmental estrogens on the embryo (pages 56)

1999 Social Pharmacology

Chapter: 'Drugs in pregnancy- chronic liver disease- chronic liver failure (pages 16)

1994 Environmental Pharmacology

Chapter: ' Deleterious Effects of xenobiotics on the embryo (pages 45)

1994 Molecular Pharmacology

Chapter: ' Hormone Receptors and signal transduction And Apoptosis (pages 115)

3. POSTGRADUATE COURSES: Chapter in textbook (1)

. Postgraduate courses in Dentistry

1998 Chapter Effect of hormonal defects on craniofacial area (pages 35)

\B . CoAUTHORSHIP in BOOK CHAPTERS-

1. **Co-AUTHORSHIP in BOOKS written in English (5)**

2014 Dimogerontas G, Liapi C,

Endocrine Disruptors (xenoestrogens): An overview

In Plastics in dentistry: A guide to safe practice Eliades Theodore, Eliades George (eds)

Springer pp 1-15, 2014

2008 Liapi C, Zarros A, Galanopoulou P, Theocharis S, Skandali N, Al-Humadi H, Anifantaki F, Gkrouzman E, Mellios Z, Tsakiris S.

Manganese effects on the adult rat brain antioxidant status and the activities of acetylcholinesterase, (Na⁺,K⁺)-ATPase and Mg²⁺-ATPase: modulation by L-cysteine.

In: *Metal Ions in Biology and Medicine* - Volume 10 Collery P, Maynard I, Theophanides T, Khassanova L, Collery T (editors):. Proceedings of the 10th International Symposium on Metal Ions in Biology and Medicine (Bastia 2008). *John Libbey Eurotext*, Paris 670-675. (ISBN: 978-2- 7420-0714-1). 2008,

1998 W.B. Anderson, C. Liapi, J.Strasburger, R.Gopalakrisna, A.Plet, F.Raynaud and D.Evain-Brion.

Counteractions of retinoic acid and phorbolester tumor promoter related to changes in protein kinase activities.

In:*Nutrients and Cancer Prevention*. Eds. K.N.Prasad and F.L.Meyskens, Jr., HUMAN pp-21-38 Press, Clifton, New Jersey 1998

- 1992** Charis Liapi and George Chrouzos.
Glucocorticoids.
In: Pediatric Pharmacology: Eds, Summer Yaffe and Jacob Aranda, SAUNDERS
Philadelphia pp 466-475, 1992
- 1986** Ch. Liapi and D. Evain-Brion
GHRH (GRF), growth hormone releasing hormone: use in diagnosis and therapy of Growth disorders.
In: Progress in the diagnosis and therapy of growth disorders. Basic and Clinical aspects. Ed. E.E. Muller, Pytagora Press, Rome, 331-8, 1987.

2. AUTHORSHIP OR/ Co-AUTHORSHIP OF BOOK CHAPTERS in GREEK (Titles in English)

- 2012** G Dimogerontas **C Liapi**
Craniopharyngioma/
Intensive Education in Endocrinology, 15th cycle, Neuroendocrinology, 2012
- 2005** **C Liapi**
Drugs in pregnancy, lactation, children and old people
Educational Lectures for Pharmacists, Editios EKPA ,\
- 2005** **C Liapi**
General Principles of drug action. Pharmacokinetics- Pharmakokinetiks'i
seminar: DRUG: Laboratory evaluation and Clinical practice
15th Educational Seminar of the Society of Hellenic Society of Clinical Chemistry- Biochemistry
- 2003** **C Liapi**
Diagnosis and therapeutic methodology of hypothalamo-hypophyseal diseases. Evaluation and follow-up after radiotherapy
Intensive Education in Endocrinology, 6th Cycle, Neuroendocrinology
- 2001.** J S Papadopoulos **C Liapi**
Adverse drug effects on the eyes (32 pages, small size pamphlet)
Editions of the Pahellenic Society for Retinopathy
- 2001** J S Papadopoulos with collaboration of **C Liapi**, V Karantzouli, M Stathi, T Grigori, V Tsavos
Drugs and Driving (62 pages).
Editions Health Department of the Agricultural Bank of Greece
- 1998 .** J Spapadopoulos and **C Liapi**
Written Seminar : *Organic and functional damages from drugs*
Iatriki Epitheorese IKA, Vol 9 (1-2,) 147 pages

C MONOGRAPHY

- 1988 : C Liapi**
Title: «Hormonal regulation of adenylate cyclase in human teratocarcinoma cells during the in vitro differentiation

II. EDITING Of TRANSLATION in Greek OF MEDICAL BOOKS

- 2013** **Harrison's Endocrinology** 2nd edition
Editing of the Translation of the whole textbook by **C Liapi**

Greek Title: ‘Harrison Ενδοκρινολογία’ Παρισιάνου, 2013 editor:‘ Parisianou eds, 2013

- 2013** **Pharmacology”** Eds Rang, Dale, Ritter, Moore, 7th edition
Chapters (Endocrine Pharmacology : pages 78
Greek Title: ‘Φαρμακολογία editor:‘ Parisianou eds, 2013
- 2010** **Harrison Principles of Internal Medicine”** 16th edition
Chapters (Endocrinology:pages 237)
Greek Title: ‘Harrison Εσωτερική Παθολογία ‘ editor:‘ Parisianou eds, 2010
- 2007** **Pharmacology”** Eds Rang, Dale, Ritter, Moore, 5th edition
Chapters (Endocrine Pharmacology: pages 78)
Greek Title: ‘Φαρμακολογία ‘editor:‘ Parisianou eds, 2007
- 2005** **Harrison Principles of Internal Medicine”** 16th Edition
Chapters (Endocrinology: pages 167)
Greek Title: ‘Harrison Εσωτερική Παθολογία ‘16^η Εκδοση, εκδ. Παρισιάνου, 2005
- 2005** **Davidson’s Principles and Practice of Medicine”,** 19th Edition
Chapters (Endocrinology: pages 65)
Greek Title: ‘Davidson’s Γενικές αρχές και κλινική πράξη της Ιατρικής Παθολογίας’
editor:‘ Parisianou eds, , 2005
- 2002** **Hormonsubstition in Klimakterium und Postmenopause**, M. Dören, eds. Georg Thieme Verlag.
Editing of The Translation by J S Papadopoulos **C Liapi**
Greek Title: «Ορμονική υποκατάσταση σε κλιμακτήριο και εμμηνόπαυση»,
editor:‘ Parisianou eds, 2002
- 2001** **CURRENT Medical Diagnosis &Treatment** (2 volumes .pp 2680), 40th edition Lange
Chapters (Endocrinology: pages112)
Greek Title: Σύγχρονη Διαγνωστική και Θεραπευτική editor: Parisianou eds, 2001
- 1999** **Integrated Pharmacology**, Eds. Page, Curtis, Sutter, Walker, Hoffman, Mosby, (pp 606) 1997.
Editing of the Translation of the whole textbook by P Galanopoulou-Kouvari- **C Liapi**
Greek Title: «Φαρμακολογία», , 1999 editor:‘ Paschalides eds, 1999

III. PUBLICATIONS (Coordinator)

- **A Proceedings of Meetings/**
B Course catalog

A. Proceedings of Meetings/Congresses/ Clinical Seminars

- 2008** Proceedings of the 5th Panhellenic Meeting in Pharmacology
Epitheorese of Clinical Pharmacology and Pharmacokinetics International Edition (pages 350)
Publication coordinator: **C Liapi**
- 2002** **Adverse Drug Reaction’**
Clinical; Seminars Vol 15 (4) Edition: Medical Society of Athens
Publication coordinators: M. Marselos, **C. Liapi**

- 2001** Proceedings of the thematic Panhellenic Conference in Pharmacology on **Pharmacology and Specific Populations**
Epitheorese of Clinical Pharmacology and Pharmacokinetics International Edition **V19 (2), (75 pages)**
Publication coordinators: J S Papadopoulos, **C Liapi**
- 1999.** Proceedings of the 1st Panhellenic Conference in Pharmacology
Epitheorese of Clinical Pharmacology and Pharmacokinetics International Edition . V13 (2-3), 90 pages
Publication coordinators: J S Papadopoulos, , **C Liapi**

B. NKUA, Medical School Course Catalog and Curriculum (annual edition for years 2002–2008)

15 . SCIENTIFIC MEETING PARTICIPATION

INVITED SPEAKER

- 2017** Presentation *Epidemiology of diabetes and CAD in Greece of economic crisis: gender differences*
Subject: Gender-specific mechanisms in coronary artery disease (CAD) in Europe”
GenCAD meeting , 11 Oct 2017 , Brussels (project is an EU-funded multi-country consortium)
- 2017** Presentation Misuse of Anabolic steroids by athletes How dangerous can they be? How easy to detect?
Meeting of the Soc of Biochemistry and Physiology of Exercise Athens Oct 20-22
- 2016** Presentaion New therapeutic treatments in thyroid cancer
Webinar : “Endocrine news in Diabetes, Thyroid and Hormones of Reproduction
In vitro Labs Athens 2016
- 2015** Presentaion: Drug Adverse reactions: Effects on the eye
Ημερίδα με θέμα Οφθαλμικές παθήσεις και προβλήματα όρασης σε σπάνιες Παθήσεις-
Νοσήματα, Διάγνωση, πρόληψη και ανάπτυξη συνεργασίας
Panhellenic Union of Patients with retinopathy Athens 26 sept 2015
- 2014** Presentation Thyroid cancer: new therapeutic targets
PCS Global Cancer Conference, Athens 2014
- 2014** Presentaion Deprivation of the Essential Nutrient Choline: The Impact on Heart Function
PCS World Congress of Cardiothoracic-Renal Diseases, Athens Nov 2014
- 2016** Presentation Immunology of Thyroid Cancer: New therapeutic perspectives?
41th Congress of Endocrinology, May 2014
- 2013 Presentation: T Regulatory Lymphocytes (Tregs) and NK cells in Papillary Thyroid Cancer: New therapeutic perspectives
University of Tampere Finland, June 2013
- 2013** Presentation: Immunological aspects of thyroid cancer: new therapeutic target?
BIT Major Diseases Clinical Summit, Warsaw Polland, Nov 2013
- 2013** Presentation: Heart dysfunction induced by choline deficiency in adult rats, The role of L-carnitine
Annual Vitamin meeting on the homocysteine locus, Athens Oct 2013

- 2013** Presentaion *Generics versus brand name drugs: Regulattions*
Generic Drugs (coordinator A Petounis) (RT)
Panhellenic Glaucoma Meeting Athens April 2013
- 2012** Presentation ***Craniopharyngioma***
Intensive Education in Endocrinology, 15th cycle, Neuroendocrinology, 2012
- 2009** Presentation: *Birth Defects in relation to drugs and therapeutic interventions during pregnancy*
Postgraduate course organized by the 2nd Clinic of Ostetrics and Gynecology Medical School NKUA Nov 2009
- 2009** Presentaion "Safely prescribing in pregnancy and lactation
7th EACPT Summer School in Clinical Pharmacology and Therapeutics, Alexandroupolis 2009\
- 2008** Presentation ***Comments and Conclusions of the presentations***
Subject of the meeting: Bad practices on the sector of Health
International Meeting of AIM, Athens Oct 2008
- 2007** Presentation : ***Medical causes of fall: Causes and Prevention***
Title of the meeting: Falls of the elderly
Meeting of Geriatric Society of North-Western Greece Medical Assoc of Patras, Achaia
- 2007** Presentation ***Environmental estrogens: Importance of the knowledge of their consequences on health and the contribution of research in the prevention***
Title of the meeting: Management and protection of the environment through research and education in the University of Athens
Meeting for the Environment, NKUA , Athens, 14 Nov 2007
- 2005** Presentation: ' ***Risk Factors from drugs in pregnancy-lactation-old people***
- 2006** 1stand 2nd cycle of Educative Lectures for Pharmacists
- 2005** Presentation: ' ***General Principles of drug action. Pharmacokinetics - Pharmacodynamics***
Title of the seminar: DRUG: Laboratory evaluation and Clinical practic
15th Educational Seminar of the Society of Hellenic Society of Clinical Chemistry-Biochemistry Athens 2005
- 2003** Presentation: ***Evaluation and follow-up after radiotherapy***
Intensive Education in Endocrinology, 6th Cycle, Neuroendocrinology 14-16 Febr. 2003
- 2003** Presentation: ***Adverse drug reactions Specific problems in pregnancy-lactation -children***
Round table : Adverse Drug Reactions
29th Panhellenic MedicalMeeting Athens 20-24 May 2003, Αθήνα
- 2001** Presentation : ***Drugs in pregnancy***
Drugs : a Problematic Medical Intervention (Round Table)
5^o Panhellenic Congress Of The Greek Sector Of European Health Managers Forum Private and Public Health), 24-25 May 2001
- 1999** Presentation: ***Problems from the interactions of dental and hormonal treatments***
Subject of the meetingDrug and the dental ptient»
Meeting of the Hellenic Society of Hospital Dentistry 24-11-Nov 1999

- 1999** Presentation: *Effects of Estrogens on bones, vessels, CNS*
 Subject of the meeting : ‘Estrogens in men’
Meeting of the Hellenic Society of Andrology, 9 Oct 1999
- 1996** Presentaion:: Interractions of Neuro- Endo-Immune system
8th Panhellenic Meeting of Pharmacy, Αθήνα, 1997
- 1996** Presentaion : Detection of Adverse Reactions (characterist examples: contraceptives and growth hormone)
 Subject of thecourse From the development of a drug to the prodction
Postgraduate Course ΔΙΑΥΛΟΣ Athens , 1996
- 1990** Presentaion: Hormones in the embryo
 Endocrinology of Pregnancy (round Table)
16th Panhellenic Medical Meeting, Athens, 1990
- 1986.** Presentation: *Growth hormone releasing hormone: Use in diagnosis and treatment of growth disorders*
 Course on: Progressi nella Diagnosi e trattamento dei disturbi nell' accrescimento (Aspetti di base e clinici). S. Margherita Ligure, 1986

- 16. I RESEARCH SUPPORT/ II GRANT REVIEWER

- 1996** Investigation of the mechanisms of action of glucocorticoids on rat brain'
 Grant ΠΕΝΕΔ in collaboration with Laboratory of Biological Chemistry
- 1996** Determination of the risk factors (biochemical, factors, proteinic profile and proteolytic Activity in breast cyst fluid
Grant by ELKE NKUA (principal investigator)
- 1997** Evaluation of the respiratory capacity of children aged 12-18 years old
 Grant by ministry of Environment) Ministry of the Environment (ΥΠΕΧΩΔΕ)
- 1999** Biotechnological approach of the production of metabolites (parts of essences and triterpenes) in relations to financial interest from Eucalyptus camaldulensis Denhard; study of their mechanism of actiona) on CNS and b) microbes
Grant ΠΕΝΕΔ in collaboration with the School of Pharmacy And School of Biology
- 2000** Investigation of the mechanisms of action of glucocorticoids on rat brain'
Grant by NKUA (principal investigator)
- 2000** Effect of Paracetamol and phenobarbital in experimental animals under choline deficient diet: study of the liver and changes of the CYP450
Grant by ELKE, NKUA (principal investigator)
- 2002** Effect of choline deficient diet in models of Hhepatotoxicity in rats; study of apoptosis and signal transduction in liver
Grant by ELKE, NKUA. (principal investigator)
- 2004** Development of non interventional methods for the evaluationof the chronic exposure to pesticides
 Grant ARCHIMEDES in collaboration with T.E.I. (Techonological Institute) Athens
- 2004:** In vitro evaluation of new soluble antifungal drugs of controlled release in samples from Neutropenic patients and candidiasis Exvaluation of toxicity in cell cultures
 Grant ARCHIMEDES in collaboration with Techonological Institute of Athens

- 2004.** *Effect of choline deficient diet during embryogenesis in rat brain. Changes in PKC α And PKC γ And PEMT during the neonatal and adult life*
Grant KAPODISTRIAS ELKE (principal investigator)
- 2005** *The importance of choline in brain development and behavioral changes caused by choline deficient diet*
Grant by NKUA (principal investigator)
- 2007** *The role of T regulatory cells (Treg cells) on the immune response of thyroid cancer*
Grant by the Hellenic Society of Endocrinology(principal investigator)

II GRANT REVIEWER

1. **Kallipos Project (Greece)**
2. **General Secretariat Of Research And Technology (Gsrt):**
3. **Reviewer of the presentations at several Meetings of the Hellenic Society of Pharmacology and the Hellenic Society of Endocrinology**

17 RESEARCH INTEREST

A Earlier research focused on

Pharmacology of Hormones Effects, Interractions, hormonal changes in pathological conditions (clinical studies. Effect of hormones on cAMP, PKAs anf free radicals in cell cultures or tissues (experimental studies)

Screening of new drugs: The studies refer to a) antifungal drugs of controlled release (soluble products of ascorbic acid, nystatin and amphotericin B) and b) essence from the leaves of the plant Eucalyptus camaldulensis for their analgesic effect

Epidemiologic studies in regard to drug use and abuse

B. Current research is focused on the 3 following streams

- **Nutritional pharmacology**
 Pharmacological investigation of physiological or pathological conditions in relation to specific diet, more precisely a) choline deficient diet b) diet enriched in fat, carbohydrates or proteins. The study focuses on
 - The effect of choline diate in rat: on liver (cyclines, CYP 450 enzymes), brain (crucial brain enzymes), heart (heart function). The studies include physiological conditions (pregnancy-lactation), metabolic changes (diabetes) and pathological conditions (hepatotoxicity in models of non alchoholic steato hepatitis)
 - Changes of endogenous peptides (ghrelin NPY) and lipokines (leptin, adiponectin, resistin TNF- α , IL-6) in relation rto diet
- **Pharmacological evaluation of potential cytoprotectants and antioxidants and Neuroprotection against metabolic encephalopathies and heavy-metal-induced neurotoxicity**

Investigation of a) the in vitro and in vivo toxicity of heavy metals (Cd, Mn, Li Ni etc) on biochemical and histopathological parametrs of several organs with emphasis on the brain b) the effect of neuroprotective factors (antioxidants and cytoprotectants)
(at least 4 publications according to Who Is Publishing In My Domain" journal (WiPiMD) were rated for a long period among the '*top articles of the domain*' since 2013)

C Thyroid Cancer Immunology

Study of the Tregulatory cells in patients with thyroid cancer

Most of the research is performed at the Department of Pharmacology

Part of the research is in collaboration with other laboratories or clinics of the Medical School NKUA.

Recently a scientific collaboration have started with

- Prof Laszlo Tislavitz Departmentof Pathology,Medical Facultyof University of Szeged, Hungary
- Prof EleonoraAronica ²Department of (Neuro) Pathology, Academic Medical Center, Amsterdam, The Netherlands;Swammerdam Institute for Life Sciences, Center for Neuroscience, University of Amsterdam, The Netherlands

*** 18 PUBLICATIONS**

A IN PUBMED

B IN SCOPUS

C OTHER

D MANUSCRIPTS SUBMITTED OR IN PREPARATION

E IN GREEK JOURNALS

F. PRESENTATIONS AT INTERNATIONALMEETINGS (abstracts)

G PRESENTATIONS AT GREEK MEETINGS (abstracts)

A PUBLICATIONS IN PUBMED

72. Strilakou A, Perelas A, Lazaris A, Papavdi A, Karkalousos P, Giannopoulou I, Kriebardis A, Panayiotides I, **Liapi C**. *Immunohistochemical determination of the extracellular matrix modulation in a rat model of choline-deprived myocardium: the effects of carnitine*. Fundam Clin Pharmacol. 2015 Oct 26. doi: 10.1111/fcp.12163. [Epub ahead of print] PMID: 26501493
71. Stolakis V, **Liapi C**, Zarros A, Kalopita K, Memtsas V, Botis J, Tsagianni A, Kimpizi D, Varatsos A, Tsakiris S. *Exposure to ethanol during neurodevelopment modifies crucial offspring rat brain enzyme activities in a region-specific manner*. Metab Brain Dis. 2015 Dec;30(6):1467-77. doi: 10.1007/s11011-015-9730-9. Epub 2015 Sep 17. PMID: 26380981
70. Bimpis A, Papalois A, Voumvourakis K, Oláh O, Tiszlavicz L, **Liapi C**. *Neuronal tumour necrosis factor- α and interleukin-1 β expression in a porcine model of intracerebral haemorrhage: Modulation by U-74389G*. Brain Res. 2015 Jul 30;1615:98-105. doi: 10.1016/j.brainres.2015.04.034. Epub 2015 Apr 25. PMID: 25916578

- 69.** Koromilas C, **Liapi C**, Zarros A, Tsela S, Zisis KM, Kalafatakis K, Skandali N, Voumvourakis K, Carageorgiou H, Tsakiris S.
Inhibition of Na(+),K(+)-ATPase in the hypothalamus, pons and cerebellum of the offspring rat due to experimentally-induced maternal hypothyroidism.
J Matern Fetal Neonatal Med. 2015 Aug;28(12):1438-44. doi: 10.3109/14767058.2014.955003.
PMID: 25123521
- 68.** Koromilas C, Tsakiris S, Kalafatakis K, Zarros A, Stolakis V, Kimpizi D, Bimpis A, Tsagianni A, **Liapi C**.
Experimentally-induced maternal hypothyroidism alters crucial enzyme activities in the frontal cortex and hippocampus of the offspring rat.
Metab Brain Dis. 2015 Feb;30(1):241-6. doi: 10.1007/s11011-014-9581-9.
PMID: 24972880
- 67.** Koromilas C, **Liapi C**, Zarros A, Stolakis V, Tsagianni A, Skandali N, Al-Humadi H, Tsakiris S.
Effects of experimentally-induced maternal hypothyroidism on crucial offspring rat brain enzyme activities.
Int J Dev Neurosci. 2014 Jun;35:1-6. doi: 10.1016/j.ijdevneu.2014.03.002.
PMID: 24632022
- 66.** Gkanti V, Stolakis V, Kalafatakis K, **Liapi C**, Zisis KM, Zarros A, Tsakiris S.
Postnuclear supernatants of rat brain regions as substrates for the in vitro assessment of cadmium-induced neurotoxicity on acetylcholinesterase activity.
Biol Trace Elem Res. 2014 Apr;158(1):87-9. doi: 10.1007/s12011-014-9907-9.
PMID: 24504746
- 65.** Strilakou AA, Tsakiris ST, Kalafatakis KG, Stylianaki AT, Karkalousos PL, Koulouris AV, Mourouzis IS, Liapi CA.
Carnitine modulates crucial myocardial adenosine triphosphatases and acetylcholinesterase enzyme activities in choline-deprived rats.
Can J Physiol Pharmacol. 2014 Jan;92(1):78-84. doi: 10.1139/cjpp-2013-0165.
PMID: 24383876
- 64.** Stolakis V, Tsakiris S, Kalafatakis K, Zarros A, Skandali N, Gkanti V, Kyriakaki A, **Liapi C**.
Developmental neurotoxicity of cadmium on enzyme activities of crucial offspring rat brain regions.
Biometals. 2013 Dec;26(6):1013-21. doi: 10.1007/s10534-013-9678-3. Epub 2013
PMID: 24065572
- 63.** **Liapi C**, Stolakis V, Zarros A, Zisis KM, Botis J, Al-Humadi H, Tsakiris S.
Gestational exposure to cadmium alters crucial offspring rat brain enzyme activities: the role of cadmium-free lactation.
Environ Toxicol Pharmacol. 2013 Nov;36(3):835-9. doi: 10.1016/j.etap.2013.07.014.
PMID: 23981373

- 62.** Gogali F, Paterakis G, Rassidakis GZ, Liakou CI, **Liapi C**. *CD3(-)CD16(-)CD56(bright) immunoregulatory NK cells are increased in the tumor microenvironment and inversely correlate with advanced stages in patients with papillary thyroid cancer.* Thyroid. 2013 Dec;23(12):1561-8. doi: 10.1089/thy.2012.0560. Epub 2013 Nov 6. PMID: 23721357
- 61.** Strilakou AA, Lazaris AC, Perelas AI, Mourouzis IS, Douzis ICh, Karkalousos PL, Stylianaki AT, Pantos CI, Liapi CA. *Heart dysfunction induced by choline-deficiency in adult rats: the protective role of L-carnitine.* Eur J Pharmacol. 2013 Jun 5;709(1-3):20-7. doi: 10.1016/j.ejphar.2013.03.025. PMID: 23562624
- 60.** Zarros A, **Liapi C**, Al-Humadi H, Almpani M, Stolakis V, Skandali N, Voumvourakis K, Katsouni E, Tsakiris S. *Experimentally-induced Wernicke's encephalopathy modifies crucial rat brain parameters: the importance of Na⁺, K⁺-ATPase and a potentially neuroprotective role for antioxidant supplementation.* Metab Brain Dis. 2013 Sep;28(3):387-96. doi: 10.1007/s11011-013-9394-2. PMID: 23475222
- 59.** Bimpis A, Papalois A, Tsakiris S, Kalafatakis K, Zarros A, Gkanti V, Skandali N, Al-Humadi H, Kouzelis C, **Liapi C**. *Modulation of crucial adenosinetriphosphatase activities due to U-74389G administration in a porcine model of intracerebral hemorrhage.* Metab Brain Dis. 2013 Sep;28(3):439-46. doi: 10.1007/s11011-013-9380-8. PMID: 23344690
- 58.** Karantzoulis V, **Liapi C**, Papagelopoulos P. *Large-scale bone mineral histomorphometry-report of a simplified technique.* Histopathology. 2012 Dec;61(6):1174-82. doi: 10.1111/j.1365-2559.2012.04335.x. Epub 2012 Sep 7. Erratum in: Histopathology. 2013 Aug;63(2):296. Papaggelopoulos, Panagiotis [corrected to Papagelopoulos, Panayiotis]. PMID:22958116
- 57.** Al-Humadi H, Theocharis S, Dontas I, Stolakis V, Zarros A, Kyriakaki A, Al-Saigh R, **Liapi C**. *Hepatic injury due to combined choline-deprivation and thioacetamide administration: an experimental approach to liver diseases.* Dig Dis Sci. 2012 Dec;57(12):3168-77. doi: 10.1007/s10620-012-2299-9. PMID: 22777615
- 56.** Al-Humadi H, Zarros A, Kyriakaki A, Al-Saigh R, **Liapi C**. *Choline deprivation: an overview of the major hepatic metabolic response pathways.* Scand J Gastroenterol. 2012 Sep;47(8-9):874-86. doi: 10.3109/00365521.2012.685755. Epub 2012 May 10. Review. PMID: 22571353

55. Bimpis A, Papalois A, Tsakiris S, Zarros A, Kalafatakis K, Botis J, Stolakis V, Zisis KM, **Liapi C**. *Activation of acetylcholinesterase after U-74389G administration in a porcine model of intracerebral hemorrhage.* Metab Brain Dis. 2012 Jun;27(2):221-5. doi: 10.1007/s11011-012-9301-2. Epub 2012 Apr 4. PMID: 22476954
54. Gogali F, Paterakis G, Rassidakis GZ, Kaltsas G, Liakou CI, Gousis P, Neonakis E, Manoussakis MN, **Liapi C**. *Phenotypical analysis of lymphocytes with suppressive and regulatory properties (Tregs) and NK cells in the papillary carcinoma of thyroid.* J Clin Endocrinol Metab. 2012 May;97(5):1474-82. doi: 10.1210/jc.2011-1838. PMID: 22399513
53. Kanelleas A, **Liapi C**, Katoulis A, Stavropoulos P, Avgerinou G, Georgala S, Economopoulos T, Stavrianeas NG, Katsambas A. *The role of inflammatory markers in assessing disease severity and response to treatment in patients with psoriasis treated with etanercept.* Clin Exp Dermatol. 2011 Dec;36(8):845-50. doi: 10.1111/j.1365-2230.2011.04131.x. PMID: 21790728
52. **Liapi C**, Zarros A, Theocharis S, Voumvourakis K, Anifantaki F, Gkrouzman E, Mellios Z, Skandali N, Al-Humadi H, Tsakiris S. *Short-term exposure to nickel alters the adult rat brain antioxidant status and the activities of crucial membrane-bound enzymes: neuroprotection by L-cysteine.* Biol Trace Elem Res. 2011 Dec;143(3):1673-81. doi: 10.1007/s12011-011-9006-0. PMID: 21360057
51. Schulpis KH, Vlachos GD, Antsaklis A, **Liapi C**, Stolakis V, Zarros A, Tsakiris S. *Modulated human maternal and premature neonatal erythrocyte membrane enzyme activities in relation to the mode of delivery: in vitro restoration with L-carnitine.* Clin Chem Lab Med. 2011 Mar;49(3):559-62. doi: 10.1515/CCLM.2011.059. Epub 2011 Feb 17. No abstract available. PMID: 21323624
50. Koromilas C, **Liapi C**, Schulpis KH, Kalafatakis K, Zarros A, Tsakiris S. *Structural and functional alterations in the hippocampus due to hypothyroidism.* Metab Brain Dis. 2010 Sep;25(3):339-54. doi: 10.1007/s11011-010-9208-8. Epub 2010 Oct 1. Review. PMID: 20886273
49. **Liapi C**, Kyriakaki A, Zarros A, Galanopoulou P, Al-Humadi H, Dontas I, Voumvourakis K, Tsakiris S. *Choline-deprivation alters crucial brain enzyme activities in a rat model of diabetic encephalopathy* Metab Brain Dis. 2010 Sep;25(3):269-76. doi: 10.1007/s11011-010-9205-y. PMID: 20838865

- 48.** Drakos SS, Anifantaki F, Zarros A, **Liapi C**.
The role of folate metabolism-related gene polymorphisms in the development of meningiomas.
Cancer Genomics Proteomics. **2010** Mar-Apr;7(2):105-9. Review.
PMID: 20335525
- 47.** Al-Humadi H, Zarros A, Al-Saigh R, **Liapi C**.
Genetic basis and gene therapy trials for thyroid cancer.
Cancer Genomics Proteomics. **2010** Jan-Feb;7(1):31-49. Review.
PMID: 20181629
- 46.** Stolakis V, Kalafatakis K, Botis J, Zarros A, **Liapi C**.
The regulatory role of neuropeptides on the hypothalamic-anterior pituitary axons: emphasis on the control of thyroid-related functions.
Neuropeptides. **2010** Feb;44(1):1-7. doi: 10.1016/j.npep.2009.09.005. . Review.
PMID:19878995
- 45.** **Liapi C**, Al-Humadi H, Zarros A, Galanopoulou P, Stolakis V, Gkrouzman E, Mellios Z, Skandali N, Anifantaki F, Tsakiris S.
Combined thirty-day exposure to thioacetamide and choline-deprivation alters serum antioxidant status and crucial brain enzyme activities in adult rats.
Metab Brain Dis. **2009** Sep;24(3):441-51. doi: 10.1007/s11011-009-9147-4.
PMID:19697115
- 44.** Katsouni E, Sakkas P, Zarros A, Skandali N, **Liapi C**.
The involvement of substance P in the induction of aggressive behavior.
Peptides. **2009** Aug;30(8):1586-91. doi: 10.1016/j.peptides.2009.05.001. Review.
PMID:19442694
- 43.** Zarros A, **Liapi C**, Galanopoulou P, Marinou K, Mellios Z, Skandali N, Al-Humadi H, Anifantaki F, Gkrouzman E, Tsakiris S.
Effects of adult-onset streptozotocin-induced diabetes on the rat brain antioxidant status and the activities of acetylcholinesterase, (Na(+),K (+))- and Mg(2+)-ATPase: modulation by L-cysteine.
Metab Brain Dis. **2009** Jun;24(2):337-48. doi: 10.1007/s11011-009-9133-x. .
PMID:19296211.
- 42.** Zira A, Mikros E, Giannioti K, Galanopoulou P, Papalois A, **Liapi C**, Theocharis S.
Acute liver acetaminophen toxicity in rabbits and the use of antidotes: a metabonomic approach in serum.
J Appl Toxicol. **2009** Jul;29(5):395-402. doi: 10.1002/jat.1425.
PMID:19267363
- 41.** Th. Stroubini, A. Perelas, **C. Liapi**, D. Perrea, I. Dontas, Ch Tzavara, P. Galanopoulou
Serum adiponectin and resistin levels in rats under three isocaloric diets. The effect of sibutramine.
Cytokine. **2009** May;46(2):171-5. doi: 10.1016/j.cyto.2009.01.003. .
PMID: 19251435

40. Gribilas G, Zarros A, Zira A, Giaginis C, Tsourouflis G, Liapi C, Spiliopoulou C, Theocharis S.
Involvement of hepatic stimulator substance in experimentally induced fibrosis and cirrhosis in the rat.
 Dig Dis Sci. 2009 Nov;54(11):2367-76. doi: 10.1007/s10620-008-0623-1.
 PMID: 19082714
39. Liapi C, Kyriakaki A, Zarros A, Al-Humadi H, Stolakis V, Gkrouzman E, Anifantaki F, Skandali N, Margaritis M, Tsakiris S.
Effects of adult-onset choline-deprivation on the activities of acetylcholinesterase, (Na^+,K^+)- and Mg^{2+} -ATPase in crucial rat brain regions.
 Food Chem Toxicol. 2009 Jan;47(1):82-5. doi: 10.1016/j.fct.2008.10.012.
 PMID:18992298
38. \ Liapi C, Zarros A, Theocharis S, Al-Humadi H, Anifantaki F, Gkrouzman E, Mellios Z, Skandali N, Tsakiris S.
The neuroprotective role of L-cysteine towards the effects of short-term exposure to lanthanum on the adult rat brain antioxidant status and the activities of acetylcholinesterase, (Na^+,K^+)- and Mg^{2+} -ATPase.
 Biometals. 2009 Apr;22(2):329-35. doi: 10.1007/s10534-008-9169-0.
 PMID:18937033
37. C Liapi C, Zarros A, Galanopoulou P., Theocharis S., Skandali N., Al-Hamadi H., Anifantaki F., Gkrouzman E., Mellios Z., Tsakiris St.
Effects of short -term exposure to manganese on the adult rat brain antioxidant status and the activities of acetylcholinesterase, (Na^+,K^+)- ATPase and Mg^{2+} - ATPase: modulation by L-cysteine .
 Basic Clin Pharmacol Toxicol. 2008 Aug;103(2):171-5. doi: 10.1111/j.1742-7843.2008.00281.x.
 PMID: 18816301
36. Konstandi M, Segos D., Galanopoulou P, Theocharis St., Zarros A, Lang MA, Marselos M, Liapi C.
Effects of choline deprivation on paracetamol- or Phenobarbital-induced rat liver metabolic response .
 J Appl Toxicol. 2009 Mar;29(2):101-9. doi: 10.1002/jat.1386.
 PMID: 18798224
35. Theodora Stroubini, Despoina Perrea, Apostolos Perelas, Charis Liapi, Ismini Dontas, Maria Trapali, Nikolaos Katsilambros and Panagiota Galanopoulou
Effect of sibutramine on regional fat pads and leptin levels in rats fed with three isocaloric diets.
 Eur Cytokine Netw. 2008 Sep;19(3):149-55. doi: 10.1684/ecn.2008.0130.
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34. Liapi C, Feskou I, Zarros A, Carageorgiou H, Galanopoulou P, Tsakiris S
 Equilibrated diet restores the effects of early age choline-deficient feeding on rat brain antioxidant status and enzyme activities: the role of homocysteine, L-phenylalanine and L- alanine.
 Metab Brain Dis. 2008 Sep;23(3):289-301. doi: 10.1007/s11011-008-9097-2.
 PMID: 18642068

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Effect of isocaloric diets and sibutramine on food intake, body mass variation and serum TNF- α levels in rats."
Pharmacology. **2008**;82(1):15-21. doi: 10.1159/000127363. .
PMID:18434760
32. Simintzi I, Schulpis KH, Angelogianni P, **Liapi C**, Tsakiris S.
L-Cysteine and glutathione restore the reduction of rat hippocampal Na+, K+-ATPase activity induced by aspartame metabolites.
Food Chem Toxicol. **2008** Jun; 46(6):2074-9. doi: 10.1016/j.fct.2008.01.050.
PMID:18343556
31. **Liapi C**, Anifantis G, Chinou I, Kourounakis AP, Theodosopoulos S, Galanopoulou P
Antinociceptive properties of 1,8-Cineole and beta pinene, from the Eucalyptus camaldulensis leaves, in rodents
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G . PRESENTATIONS AT GREEK MEETINGS (abstracts)

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 Αποτελέσματα θεραπείας 11 περιπτώσεων υποφυσιακού νανισμού με ανθρώπινη αυξητική ορμόνη Πρακτικά 4^{ου} Πανελλήνιου Ιατρικού Συνεδρίου, 1978
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Γαλανίνη και θυρεοειδής αδένας: βιβλιογραφική θεώρηση της αλληλορυθμιστικής σχέσης τους
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Λιάπη Χ.
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Αθήνα 2017

SUMMARY OF PUBLICATIONS

	PUBMED SCI	SCOPUS	OTHER	TOTAL
Publications	72	11	1	84

Author position				
1st	18	2		20
2nd	16	0		16
Last	21	3		24
Monography	0			0
Other	17	6	1	24

Manuscripts under review	3
Author position	last

	International	Greek	Total
Meetings	78	47	123

Author position			
1st	19	5	20
2nd	16	10	26
Last	18	22	23
Monography	3	1	0
Other	20	9	23

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