

Curriculum Vitae

Chryssi Hatzoglou

Assistant Professor of Medical Physiology
Department of Physiology
School of Medicine
University of Thessaly, Greece

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PERSONAL DATA

Name: **Chryssi Hatzoglou**
Date of birth: 4 April 1967
Nationality: Greek
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PROFESSIONAL DATA

2008-Present **Assistant Professor of Medical Physiology**, Department of Physiology, Medical School, University of Thessaly, Greece
2003-2008 **Lecturer of Medical Physiology**, Department of Physiology, Medical School University of Thessaly, Greece
2004-Present **Director**, Smoking Cessation Center, Department of Respiratory Medicine, University Hospital of Larissa, Greece
2004-Present **Deputy Coordinator** of General Practice Residency University Hospital of Larissa, Greece
2002-2003 **Consultant of General Practice** Health Center of Kassandreia, Chalkidiki, Greece
2001-2002 **Private Practice** Prevention Clinic of the Greek Agricultural Bank, Larissa, Greece
1996-2000 **Resident of General Practice** General Hospital of Larissa, Larissa, Greece
1991-1992 **Nurse** University General Hospital of Herakleion, Crete, Greece

EDUCATION

1997-2002 **PhD in Physiology** School of Medicine, University of Thessaly, Greece
Thesis Title: "Physiology of Pleural Cavity. Effects of amiloride, ouabain, SNP, 17beta-Estradiol and Progesterone in Pleural Fluid Turnover"
2001 **Certificate of Completion of General Practice Residency**
1996-2000 **Resident of General Practice** General Hospital of Larissa, Larissa, Greece
1991-1996 **MD** School of Medicine, University of Crete, Greece
1986-1990 **BSc in Nursing** Nursing Department, School of Health and Welfare Professions Technological Educational Institute of Crete, Greece

TEACHING

Scientific Coordinator of Undergraduate and Postgraduate Courses

- 2012-Present “Smoking: Public Health Impact and cessation methods”: Master of Science in «Primary Health Care», Department of Medicine, University of Thessaly.
- 2012-Present “Alternative-Complementary Methods of Therapy”: Master of Science in «Primary Health Care», Department of Medicine, University of Thessaly.
- 2012-Present “Addiction, Focus on Smoking”: Master of Science in “Mental Health”, Nursing Department, School of Health and Welfare Professions, Technological Educational Institute of Larissa, Greece.
- 2011-Present “Integrative Systems Physiology”: Lectures and practicals to the medical students of the Department of Medicine, University of Thessaly.
- 2011-Present Coordinator of Diploma Theses in the Master of Science «Primary Health Care», Department of Medicine, University of Thessaly.
- 2009-2011 “Membrane Biophysics”: Lectures and practicals in the Master of Science «Clinical Applications of Molecular Medicine», Department of Medicine, University of Thessaly.
- 2006-2011 Coordinator of Practicum in the Master of Science «Primary Health Care»: Department of Medicine, University of Thessaly.

Teaching in Undergraduate Courses

- 2011-Present “Neurophysiology and Endocrine Physiology”: Lectures and practicals to the medical students of the Department of Medicine, University of Thessaly.
- 2011-Present “Integrative Systems Physiology”: Lectures and practicals to the medical students of the Department of Medicine, University of Thessaly.
- 2006-2010 “Medical Communication”: Lectures and practicals to the medical students of the Department of Medicine, University of Thessaly.
- 2003-2010 “Medical Physiology I, II, III”: Lectures and practicals to the medical students of the Department of Medicine, University of Thessaly.
- 2003-Present “Pathophysiology I”: Lectures to the medical students of the Department of Medicine, University of Thessaly.
- 2001-2002 “Social and Preventive Medicine”: Lectures to the medical students of the Department of Medicine, University of Thessaly.
- 2000-2002 “Pathophysiology”: Lectures to the students of the Department of Medical Biochemistry, School of Medicine, University of Thessaly.

Teaching in Postgraduate Courses

- 2010-2012 «Mechanisms of Biological Membranes Permeability. The Pleura Model», Lectures to the students of the Master of Science «Molecular and Applied Physiology», Department of Medicine, University of Athens.
- 2009-2012 “Prevention of Respiratory Disorders via Exercise”: Lectures to the students of the Master of Science «Exercise and Health», Department of Physical Education and Sport Science, University of Thessaly.

2010-2011	“Home Care”: Lectures to the students of the Master of Science «Primary Health Care», Department of Medicine, University of Thessaly.
2010-2011	“Complementary Methods of Treatment”: Lectures to the students of the Master of Science in «Primary Health Care», Department of Medicine, University of Thessaly.
2004-2011	“Membrane Biophysics”: Lectures and practical to the students of the Master of Science «Clinical Applications of Molecular Medicine», Department of Medicine, University of Thessaly.
2004-2005	“Emergency Respiratory Disorders”: Lectures to the students of the Postgraduate Programme «Emergency Nursing», Nursing Department, School of Health and Welfare Professions, Technological Educational Institute of Larissa, Greece.
2003-Present	Grand Rounds in General Practice Residency. University Hospital of Larissa, Greece.
2003-Present	Grand Rounds, Department of Respiratory Medicine, University General Hospital of Larissa, Greece.

ADVISOR OF DOCTORATE AND DIPLOMA THESIS

- **Thesis advisor of PhD students:**

1. E. Apostolidou (2008-2012), Thesis Title: “Effect of metalloproteinases in pleura permeability”.
2. V. Konstadikaki (2009-Present), Thesis Title: “Comparison of the methods for early detection of COPD cases in Primary Health Care”.
3. E. Goudouva (2010-Present), Thesis Title: “Assessment of biological markers in exhaled breath condensate of smokers and ex-smokers”

- **Member of Thesis Advisory Committees:**

- In completed PhDs: F. Karahaliou (2007), G. Matafia (2007), V. Kouritas (2008), T. Deligiorgi (2009), A. Karioti (2010), M. Markos (2010), and A. Filippidis (2011).
- PhDs in progress: E. Makris, A. Vassilopoulos, A. Koulouri, E. Mpania, S. Peletidou, M. Kryfti, E. Tzounis, M. Nikas, and G. Kouloulis.

- **Advisor of diploma theses** of the Master of Science in “Primary Health Care”, Department of Medicine, University of Thessaly, students:

1. D. Xynou (2008), Diploma Thesis Title: “Early diagnosis of COPD”
2. K. Katsanou (2008), Diploma Thesis Title: “Smoking addiction, and effectiveness of smoking cessation methods. Experience of the Smoking Cessation Center in the University Hospital of Larissa”
3. E. Koutinou (2008), Diploma Thesis Title: “Smoking addiction, and effectiveness of smoking cessation methods. Experience of the Smoking Cessation Center in the Sismanogleio Hospital of Athens”
4. V. Zarogianni (2010), Diploma Thesis Title: “Ex-smokers demographical and personal characteristics”
5. P. Mplouhou (2010), Diploma Thesis Title: “Effect of body weight in the motivation for smoking cessation”
6. A. Gouvani (2011), Diploma Thesis Title: “Nurses cognition for the role of the Smoking Cessation Center”

7. I. Hamos (2011), Diploma Thesis Title: "Attitudes of the nursing students about smoking ban"
 8. F. Mpoga, Diploma Thesis Title: "Medical doctors attitudes about counseling interventions for smoking cessation"
 9. V. Zisi, Diploma Thesis Title: "Young people, and electronic cigarette"
- **Member of Diploma Thesis Advisory Committee** in 20 students of the Master of Science in "Primary Health Care", Department of Medicine, University of Thessaly.
 - **Advisor of the undergraduate thesis** of the Department of Biochemistry and Biotechnology, University of Thessaly, student: E. Hanika (2007).

RESEARCH

SUMMARY OF RESEARCH ACTIVITIES

My research activities consist of a basic part that began during my PhD and continued during my tenure as lecturer and Assistant Professor in the Department of Physiology as well as a clinical research part that began in 2008.

More specifically my basic research activities focus on the permeability of mesothelial membranes and factors that affect their water and ion transport capacity. Namely, extensive electrophysiological investigations have taken place in the effect of steroid hormones, stress hormones, insulin and ion channel inhibitors on the pleura, and the peritoneum mainly, in terms of ex vivo, in vitro and in vivo studies.

Recently, more detailed cell biology approaches have been implemented in my group, such as immunoblotting and fluorescent imaging of components of the paracellular route of ion and water transport. Apart from the in vitro studies, I have also been involved in in vivo studies using mice and rabbits for the study of pleural and peritoneal fluid transport respectively.

My future plans involve the application of the state of the art molecular biology techniques that will help us understand in more detail the mechanisms governing fluid transport in mesothelial membranes and the factors that affect such properties in clinically relevant conditions such as pleural effusions, and peritoneal dialysis.

Regarding my clinical research activities I have been focused in the early detection of COPD in the general population and in the smoking cessation in the general population as well as in underprivileged population such as inmates of detention centres. Through these activities I had the chance to serve the local community in conjunction with doing research which I find of great value. Moreover, in collaboration with the Department of Respiratory Medicine I took part in the establishment of a network of health related professionals in the Primary Health Care Settings of Thessaly for the early diagnosis of COPD. My future plans include establishing a similar network that will focus on effective strategies regarding smoking cessation.

GRANTS

Principal Investigator

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|-----------|--|
| 2009-2012 | HELLENIC THORACIC SOCIETY. Research Programme for the Establishment and Development of the Smoking Cessation Centre at the Kassavetia Detention Centre in Volos. |
| 2006 | EMPIRIKION INSTITUTION. Unrestricted Grant for young scientists working on basic science. (Allocated for pleura research) |

Participant as Scientific Member

2012-Present	THALIS (European Community Fund and Greek Ministry of Education): Exercise, smoking, and alcohol: investigation of mechanisms, and interventions for prevention, cessation and awareness – escapee. Scientific coordinator: I. Theodorakis.
2004-2006	PYTHAGORAS I (Greek Ministry of Education): The effect of insulin on airway cells. Scientific coordinator: P.A. Molyvdas.
2006-2009	PENED 2003 (Greek General Secretariat for Research and Technology): Investigation of the effect of corticosteroids, VEGF and their inhibitors on the permeability of sheep pleura and peritoneum. Scientific coordinator: K.I. Gourgoulanis.

AWARDS

2011	1 st Prize of Best Research Study. 20 th National Conference of Chest Diseases, Athens, Greece.
2010	1 st Prize of Best Research Study. 19 th National Conference of Chest Diseases, Rodos, Greece.
2005	1 st Prize of Best Poster Presentation. 14 th National Conference of Chest Diseases, Thessaloniki, Greece.
2006	1 st Prize of Best Basic Research Study. 32 nd Hellenic Medical Conference, Athens, Greece.
2004	1 st Prize of Best Oral Presentation. 13 th National Conference of Chest Diseases, Patra, Greece.
2004	2 nd Prize of Best Research Study. 13 th National Conference of Chest Diseases, Patra, Greece.
2001	2 nd Prize of Best Research Study. 11 th National Conference of Chest Diseases, Thessaloniki, Greece.

INVITED LECTURES AND COORDINATION OF ROUND TABLES IN NATIONAL MEETINGS

Presided 24 round tables and gave 63 invited lectures in the field of Basic and Clinical Respiratory, and in the field of General Practice Research.

SCIENTIFIC AFFILIATIONS

- European General Practice Research Network
- European Respiratory Society
- Hellenic Society for Physiology
- Hellenic Society for General Practice
- Hellenic Respiratory Society

AUTHORSHIP IN CLINICAL GUIDELINES

C. Hatzoglou. Smoking Cessation Guidelines, in “Guidelines for Treatment of the Respiratory Diseases”, National Drug Organization of Greece, 2011. Protocols of Medicine Practice and Treatment. <http://www.eof.gr/web/guest/protocols>.

PUBLICATIONS**Published Papers in International Peer-Review Journals****Impact Factor: 164.689****Citations: 262****H-Index: 9****Basic Research Papers**

1. NSAIDs alter the human mesothelial pleural permeability via ion cellular transportation by inhibiting prostaglandin synthesis. Kouritas V, Zisis C, Bellenis I, Gourgoulisanis K, Molyvdas PA, **Hatzoglou C**. *Respiration*, 84(1):62-8 2012.
2. Matrix metalloproteinases 2 and 9 increase permeability of sheep pleura in vitro. Apostolidou E, Paraskeva E, Gourgoulisanis K, Molyvdas PA, **Hatzoglou C**. *BMC Physiology*, 12(1):2, 2012.
3. Permeability of the arachnoid and pia mater. The role of ion channels in the leptomeningeal physiology. Filippidis AS, Zarogiannis SG, Ioannou M, Gourgoulisanis K, Molyvdas PA, **Hatzoglou C**. *Childs Nerv Syst* 28(4):533-40, 2012.
4. Salbutamol modulation of ion transport in sheep parietal pleura is protein dependent. S. Zarogiannis, A. Filippidis, **C. Hatzoglou**, P. A. Molyvdas, K. Gourgoulisanis. *Biol Pharm Bull* 34(12): 1874-1876, 2011.
5. Pleural transport physiology: insights from biological marker measurements in transudates. Apostolidou E, Tsilioni I, **Hatzoglou C**, Molyvdas PA, Gourgoulisanis KI. *Open Respir Med J* 5:70-72, 2011.
6. Postmortem image analysis of sheep cortical leptomeningeal space and vasculature: theoretical implications on brain surface dialysis. Filippidis A, S. Zarogiannis, V. Liakopoulos, K. Gourgoulisanis, P.A. Molyvdas, **C. Hatzoglou**. *ASAIO J* 57(5):388-394, 2011.
7. Insulin-induced electrochemical changes in pleura are associated with the location within the pleural cavity. V.K. Kouritas, M. Ioannou, K.I. Gourgoulisanis, P.A. Molyvdas, **C. Hatzoglou**. *Exp Clin Endocrinol Diabetes* 119(4): 252-256, 2011.
8. Effect of histamine on the electrophysiology of the human parietal pleura. V.K. Kouritas, A. Tsantsaridou, K. Tepetes, N. Tsilimingas, K.I. Gourgoulisanis, P.A. Molyvdas, **C. Hatzoglou**. *Mol Cell Endocrinol* 332(1-2): 271-276, 2011. (Impact Factor =4.119)
9. Evidence for non genomic action of 17beta estradiol on transepithelial resistance of human fetal membranes. C. Verikouki, **C. Hatzoglou**, A.I. Zavos, K.I. Gourgoulisanis, P.A. Molyvdas, A. Kallitsaris, I. E. Messinis. *J Endocrinol Invest* 34(7): 510-514, 2011.
10. Permeability alterations after surgical trauma in normal rabbit peritoneum. V.K. Kouritas, K. Tepetes, G. Christodoulides, M. Ioannou, M. Spyridakis, K.I. Gourgoulisanis, P.A. Molyvdas, **C. Hatzoglou**. *Eur Surg Res* 45(2): 113-119, 2010.
11. Insulin-induced electrophysiology changes in human pleura are mediated via its receptor. V.K. Kouritas, M. Ioannou, C.N. Foroulis, N. Desimonas, K. Evaggelopoulou, K.I. Gourgoulisanis, P.A. Molyvdas, **C. Hatzoglou**. *Exp Diabetes Res* 2010:853176, 2010.
12. Dexamethasone acutely accelerates pleural fluid absorption in mice hydrothoraces. S. Zarogiannis, I. Psallidas, **C. Hatzoglou**, K.I. Gourgoulisanis, I. Kalomenidis. *J Physiol Sci* 60(4): 299-302, 2010.
13. Role of electrolytes and glucose in the insulin-induced electrochemical effect in sheep pleura. V.K. Kouritas, **C. Hatzoglou**, K.I. Gourgoulisanis, P.A. Molyvdas. *Exp Clin Endocrinol Diabetes* 118(5): 328-332, 2010.

14. Pleural electrophysiology alterations in spontaneous pneumothorax patients. V.K. Kouritas, C.N. Foroulis, M Ioannou, G. Kalafati, N. Tsilimingas, K.I. Gourgoulianis, P.A. Molyvdas, **C Hatzoglou**. *Interact Cardiovasc Thorac Surg* 10(6): 958-961, 2010.
15. Insulin alters the permeability of sheep pleura. V.K. Kouritas, **C. Hatzoglou**, M. Ioannou, K.I. Gourgoulianis, P.A. Molyvdas. *Exp Clin Endocrinol Diabetes* 118(5): 304-309, 2009.
16. Transmembrane resistance and histology of isolated sheep leptomeninges. A. Filippidis, S. Zarogiannis, M. Ioannou, K.I. Gourgoulianis, P.A. Molyvdas, **C. Hatzoglou**. *Neurol Res* 32(2): 205-208, 2010.
17. Effect of cimetidine on the electrophysiologic profile of isolated visceral sheep peritoneum. V. Liakopoulos, S. Zarogiannis, P. Kourti, **C. Hatzoglou**, A. Karioti, S Arampatzis, M. Giannopoulou, C. Musso, K.I. Gourgoulianis, P.A. Molyvdas, I. Stefanidis. *Adv Perit Dial* 25: 20-23, 2009.
18. Spironolactone increases permeability of visceral sheep peritoneum. Karioti A, **C. Hatzoglou**, S. Zarogiannis, T. Deligiorgi, P. Kourti, M. Giannopoulou, S Arampatzis, V. Liakopoulos, K.I. Gourgoulianis, P.A. Molyvdas, I. Stefanidis. *Adv Perit Dial* 25: 16-19, 2009. (Citations=2)
19. Pleural electrophysiology variations according to location in pleural cavity. V.K. Kouritas, **C. Hatzoglou**, K.I. Gourgoulianis, P.A. Molyvdas. *Interact Cardiovasc Thorac Surg* 9(3): 391-394, 2009.
20. Dexamethasone decreases the transmesothelial electrical resistance of the parietal and visceral pleura. S. Zarogiannis, T. Deligiorgi, I. Stefanidis, V. Liakopoulos, K.I. Gourgoulianis, P.A. Molyvdas, **C. Hatzoglou**. *J Physiol Sci* 59(4): 335-339, 2009.
21. Rapid effect of dexamethasone on the permeability of visceral sheep peritoneum. A. Karioti, **C. Hatzoglou**, S. Zarogiannis, T. Deligiorgi, P. Kourti, V. Liakopoulos, M. Giannopoulou, K.I. Gourgoulianis, P.A. Molyvdas, I. Stefanidis. *Adv Perit Dial* 24: 2-6, 2008.
22. Human parietal pleura present electrophysiology variations according to location in pleural cavity. V.K. Kouritas, **C. Hatzoglou**, C.N. Foroulis, K.I. Gourgoulianis. *Interact Cardiovasc Thorac Surg* 7(4): 544-547, 2008.
23. Rapid effect of progesterone on transmesothelial resistance of human fetal membranes: evidence for non-genomic action. C. Verikouki, **C. Hatzoglou**, K. Gourgoulianis, P.A. Molyvdas, A. Kallitsaris, I. Messinis. *Clin Exp Pharmacol Physiol* 35(2): 174-179, 2008.
24. Effect of sodium-potassium pump inhibition by ouabain on the permeability of isolated visceral sheep peritoneum. S. Zarogiannis, V. Liakopoulos, **C. Hatzoglou**, P. Kourti, K. Vogiatzidis, S. Potamianos, T. Eleftheriadis, K. Gourgoulianis, P.A. Molyvdas, I. Stefanidis. *Adv Perit Dial* 23: 43-47 2007.
25. Effect of Endothelin-1 on the transmesothelial resistance of isolated visceral sheep peritoneum. P. Kourti, S. Zarogiannis, V. Liakopoulos, **C. Hatzoglou**, M. Giannopoulou, I. Chronopoulou, P. R. Mertens, S. Potamianos, K. Gourgoulianis, P.A. Molyvdas, I. Stefanidis. *Adv Perit Dial* 23: 38-42, 2007.
26. mu-Opioid stimulation of isolated parietal sheep peritoneum decreases peritoneal permeability in vitro. S. Zarogiannis, K. Vogiatzidis, **C. Hatzoglou**, V. Liakopoulos, S. Potamianos, T. Eleftheriadis, S. Dovas, P. Kourti, K. Gourgoulianis, P.A. Molyvdas, I. Stefanidis. *Adv Perit Dial* 23: 34-37, 2007. (Citations=1)
27. Low glucose level and pH alters the electrochemical function of human parietal pleura.

- V. Kouritas, **C. Hatzoglou**, C.N. Foroulis, A. Hevas, K.I. Gourgoulisanis, P.A. Molyvdas. *Eur Respir J*, 30(2): 354-357, 2007.
28. Amiloride sensitive sodium channels on the parietal human peritoneum: evidence by Ussing-type chamber experiments. I. Stefanidis, V. Liakopoulos, P. Kourti, S. Zarogiannis, A. Poultsidi, P.R. Mertens, M. Salmas, **C. Hatzoglou**, K. Gourgoulisanis, PA Molyvdas. *ASAIO J*, 53(3): 335-338, 2007.
 29. Development of an egg-white bioassay for monitoring biotin levels in urine and serum. S. Zarogiannis, V. Liakopoulos, **C. Hatzoglou**, K. Vogiatzidis, M. Salmas, I. Stefanidis, K. Gourgoulisanis, P.A. Molyvdas. *Anal Sci* 23(5): 593-595, 2007.
 30. Comparison of the electrophysiological properties of the isolated sheep costal and diaphragmatic parietal pleura. S. Zarogiannis, **C. Hatzoglou**, I. Stefanidis, M. Ioannou, E. Paraskeva, K. Gourgoulisanis, P.A. Molyvdas. *Clin Exp Pharmacol Physiol* 34(1-2): 129-131, 2007.
 31. The contribution of ascorbic acid and dehydroascorbic acid to the protective role of pleura during inflammatory reactions. E. Gogou, **C. Hatzoglou**, V. Chamos, S. Zarogiannis, K.I. Gourgoulisanis, P.A. Molyvdas. *Med Hypotheses* 68(4): 860-863, 2007.
 32. Inhibition by mercuric chloride of aquaporin-1 in the parietal sheep peritoneum: An electrophysiological study. V. Liakopoulos, S. Zarogiannis, **C. Hatzoglou**, P. Kourti, A. Poultsidi, T. Eleftheriadis, KI Gourgoulisanis, PA Molyvdas, I. Stefanidis. *Adv Perit Dial* 22: 7-10, 2006.
 33. Effect of adrenaline on transepithelial resistance of isolated sheep pleura. S. Zarogiannis, **C. Hatzoglou**, I. Stefanidis, G. Matafia, K. Vogiatzidis, K. Gourgoulisanis, P.A. Molyvdas. *Respir Physiol Neurobiol* 150(2-3): 165-172, 2006. (Impact Factor=2.382, Citations=10)
 34. mu-Opioid influence on transmesothelial resistance of isolated sheep pleura and parietal pericardium. K. Vogiatzidis, **C. Hatzoglou**, S. Zarogiannis, G. Matafia, K.I. Gourgoulisanis, P.A. Molyvdas. *Eur J Pharmacol* 530(3): 276-280, 2006.
 35. Influence of the sodium transport inhibition by amiloride on the trans-mesothelial resistance of isolated visceral sheep peritoneum. S. Zarogiannis, P. Kourti, **C. Hatzoglou**, V. Liakopoulos, A. Poultsidi, KI Gourgoulisanis, PA Molyvdas, I. Stefanidis. *Adv Perit Dial* 21: 5-8, 2005.
 36. Enhancement of the transmesothelial resistance of the parietal sheep peritoneum by epinephrine in vitro: Ussing-type chamber experiments. I. Stefanidis, S. Zarogiannis, **C. Hatzoglou**, V. Liakopoulos, P. Kourti, A. Poultsidi, P.R. Mertens, K. Gourgoulisanis, PA Molyvdas. *Artif Organs* 29(11): 919-922, 2005.
 37. Functional similarities between pleura and the renal proximal tubule - membrane and cellular considerations. K.I. Gourgoulisanis, **C. Hatzoglou**, P.A. Molyvdas. *Med Hypotheses* 64(1): 83-85, 2005.
 38. Effect of adrenaline on electrophysiological profile of isolated visceral sheep peritoneum. S. Zarogiannis, I. Stefanidis, **C. Hatzoglou**, V. Liakopoulos, KI Gourgoulisanis, PA Molyvdas. *Adv Perit Dial* 20: 23-26, 2004.
 39. The major route for absorption of fluid from the pleural space. K.I. Gourgoulisanis, **C. Hatzoglou**, P.A. Molyvdas. *Lymphology* 35 (3): 97-98, 2002.
 40. Effect of amiloride in human and sheep parietal pleura. S. Sarkos, **C. Hatzoglou**, J. Dahabre, K.I. Gourgoulisanis, P.A. Molyvdas. *Respir Physiol Neurobiol* 132: 233-237, 2002.

41. Rapid effects of 17 β estradiol and progesterone on sheep visceral and parietal pleura via nitric oxide pathway. **C. Hatzoglou**, K.I. Gourgoulianis, A. Hatzoglou, E. Castanas, P.A. Molyvdas. *J Appl Physiol* 93:752-758, 2002.
42. Effects of SNP, ouabain, and amiloride on electrical potential profile of isolated sheep pleura. **C. Hatzoglou**, K.I. Gourgoulianis, P.A. Molyvdas. *J Appl Physiol* 90 (4): 1565-1569, 2001.
43. Antiproliferative and receptor binding properties of alpha- and beta- casomorphins in the T47D human breast cancer cell line. A. Hatzoglou, E. Bakogeorgou, **C. Hatzoglou**, P.M. Martin, E. Castanas. *Eur J Pharmacol* 310 (2-3): 217-223, 1996.

Clinical Research Papers

1. Clinical phenotypes related to smoking cessation. M. Minas, E. Apostolidou, I. Goudouva, E. Makris, K. Gourgoulianis, **C. Hatzoglou**. *J Subst Abuse Treat* 2012.
2. Prisoners and cigarettes or «imprisoned in cigarettes»? What helps prisoners quit smoking? E. Makris, K. Gourgoulianis, **Hatzoglou C.** *BMC Public Health* 12(1):508, 2012.
3. Comparison of a network of primary care physicians and an open spirometry programme for COPD diagnosis.V. Konstantikaki, K. Kostikas, M. Minas, G. Batavanis, Z. Daniil, K.I. Gourgoulianis, **C. Hatzoglou**. *Respir Med* 105(2): 274-281, 2011.
4. COPD prevalence and the differences between newly and previously diagnosed COPD patients in a spirometry program. M. Minas, **C. Hatzoglou**, E. Karetsi, A.I. Papaioannou, K. Tanou, P. Tsaroucha, E. Gogou, K.I. Gourgoulianis, K. Kostikas. *Prim Care Respir J* 19(4): 363-370, 2010.
5. Body composition in severe refractory asthma: comparison with COPD patients and healthy smokers. M. Minas, A.I. Papaioannou, A. Tsaroucha, Z. Daniil, **C. Hatzoglou**, M. Sgantzios, K.I. Gourgoulianis, K. Kostikas. *PLoS One* 5(10): e 13233, 2010.
6. Surveillance study of vector species on board passenger ships, risk factors related to infestations. V.A. Mouchtouri, R. Anagnostopoulou, A. Samanidou-Voyadjoglou, K. Theodoridou, **C. Hatzoglou**, J. Kremastinou, C. Hadjichristodoulou. *BMC Public Health* 27(8): 100, 2008.

Letters to the Editor

1. Yellow nail syndrome chylous pleural effusions: defective lymph valves involved? S. Zarogiannis, **C. Hatzoglou**, K.I. Gourgoulianis, P.A. Molyvdas. *Chest* 134(6): 1353, 2008.
2. Environmental asbestos exposure alters the male: female ratio in patients with pleural mesothelioma. E. Gogou, T. Kerenidi, V. Chamos, **C. Hatzoglou**, K.I. Gourgoulianis. *Respirology* 13(6): 931, 2008.
3. Existence of Na⁺-K⁺ ATPase in sheep visceral and parietal pleura. S. Zarogiannis, K.I. Gourgoulianis, P.A. Molyvdas, **C. Hatzoglou**. *Respir Physiol Neurobiol* 164(3): 289, 2008.
4. Adrenergic influence on the permeability of sheep diaphragmatic parietal pleura. S. Zarogiannis, **C. Hatzoglou**, I. Stefanidis, V. Liakopoulos, K. Gourgoulianis, P.A. Molyvdas. *Respiration* 74(1): 118-120, 2007.
5. Lymphangioliomyomatosis. S. Zarogiannis, **C. Hatzoglou**, P.A. Molyvdas, K.I. Gourgoulianis. *Eur Respir J* 28(6): 1284, 2006.
6. Role of human visceral pleura in pleural fluid turnover: Need for morfological evidence of lymphatic stomata. S. Zarogiannis, **C. Hatzoglou**, K.I. Gourgoulianis, P.A. Molyvdas. *Chin Med J* 119(17): 1495-1496, 2006.

7. Preural cavity exploitation in beta-agonist-treated ARDS patients. S. Zarogiannis, **C. Hatzoglou**, K.I. Gourgoulianis, P.A. Molyvdas. Am J Respir Crit Care Med 173(11): 1291, 2006.
8. Hypertonic saline for cystic fibrosis. S. Zarogiannis, **C. Hatzoglou**, K.I. Gourgoulianis. N Engl J Med 354(17): 1848-1851, 2006.

Published Papers in Greek Peer-Review Journals

1 Editorial

1 Review

5 Basic Research Papers

Oral and Poster Presentations in International Congresses

51 presentations in Respiratory, Nephrology and Basic Research Science Conferences.

Oral and Poster Presentations in Greek Congresses

85 presentations in Respiratory, Nephrology, Basic Research and General Practice Science Conferences.

Book Chapters in Greek Books

1. E. Apostolidou, S. Zarogiannis, K. Gourgoulianis, **C. Hatzoglou**. Anatomy and physiology of the pleural space, in: "The contribution of laboratory in the assessment of respiratory patient" edited by Hellenic Thoracic Society, 2009.
2. P. Politakis, D. Dimitrelos, **C. Hatzoglou**, K. Kostikas, Gourgoulianis. Asthma, COPD, Spirometry, and Smoking Cessation, in: "Treatment of common diseases in Primary Health Care" edited by Hellenic Society for Primary Healthcare Research and Continuing Education, 2008.
3. **C. Hatzoglou**, K. Kostikas, Gourgoulianis. Asthma, and Smoking Cessation, in: "Treatment of common diseases in Primary Health Care" edited by Hellenic Society for Primary Healthcare Research and Continuing Education, 2006.
4. **C. Hatzoglou**, K. Gourgoulianis. Physiology and pathologic physiology of the pleura, in: "Pleural Diseases" edited by Hellenic Thoracic Society, 2005.
5. **C. Hatzoglou**, K. Gourgoulianis. Anatomy and physiology of the pleura, in: "Pleural Diseases" edited by Hellenic Thoracic Society, 2003.

CLINICAL WORK

Establishment and management of the Smoking Cessation Center of the Department of Respiratory Medicine since 2004. The Smoking Cessation Center accepts patients one day a week with a yearly turnover of approximately 600 visits. The success of the Smoking Cessation Center led to the establishment of a new Smoking Cessation Center in the Kassavetia Detention Center of Volos, where interventions are applied in this special population. Besides that I coordinated the training of health related professionals for the establishment of a Smoking Cessation Center under the auspices of the Municipality of Volos.

In terms of research activity in the Smoking Cessation Center there are two research lines. One focusing on the factors that promote smoking cessation and the other focusing on the effect of smoking cessation in lung function and inflammatory indices. In addition to the above I coordinated for 4 years (2006-2010) the Community Programme for the screening of the general population as well as the high risk population of Thessaly in terms of COPD. The

Programme implemented by the Department of Respiratory Medicine, University of Thessaly, Greece.

ADMINISTRATIVE WORK

- 2011-Present Coordinator of the Respiratory Disease Working Group of the Hellenic Society for Primary Healthcare Research and Continuing Education.
- 2009-Present Member of the Board of Directors of the Master of Science in «Primary Health Care» Department of Medicine, University of Thessaly.
- 2009-Present Member of Financial Committee of the Master of Science in «Primary Health Care» Department of Medicine, University of Thessaly.
- 2009-Present Member of Ethics Committee of the Master of Science in «Primary Health Care» Department of Medicine, University of Thessaly.
- 2009-Present Member of the “Anti-Smoking” Working Group of the Hellenic Thoracic Society.
- 2007-Present Member of the “Pleural Diseases” Working Group of the Hellenic Thoracic Society.
- 2005-Present Member of the Thessalian Chapter of the Hellenic Society of General Practice.
- 2004-Present Deputy Coordinator of the General Practice Residency, University Hospital of Larissa.
- 2004-Present Establishment and management of the Smoking Cessation Center. Department of Respiratory Medicine, University Hospital of Larissa.
- 2004-2006 Member of the Research Committee of the Hellenic Society of General Practice.
- 2003-Present Group Leader: Permeability of biological membranes, Department of Physiology, School of Medicine, University of Thessaly.
- 2003-Present Organization of 5 scientific meetings and member of the organizing or scientific committee in 18 Greek congresses.
- 2001-2002 Establishment of Prevention Clinic of the Greek Agricultural Bank, Chapter of Larissa.

COMMUNITY WORK

- 2002-Present Participation to the Community Programme for the early detection of Chronic Respiratory Diseases in the general population of the Prefecture of Thessaly, Department of Respiratory Medicine, University of Thessaly.
- 2004-Present Participation in yearly Greek events held on the World Days against Tobacco, Chronic Obstructive Disease, and Spirometry under the auspices of the Hellenic Thoracic Society and the Department of Respiratory Medicine of the University of Thessaly.
- 2004-Present Public Lectures on smoking cessation in several setting (Primary and Secondary Schools, Military Settings, Municipalities of Thessalian cities, and local media) in order to raise awareness in the general population of Thessaly.