


Curriculum Vitae

Personal Data

	Last Name	VASILAKI
	First Name	ANNA
	Date of Birth	28th of February, 1970
	Marital Status	Married
	Nationality	Greek
	Position	Assistant Professor in Pharmacology
<i>Professional Address</i>	Lab of Pharmacology Faculty of Medicine University of Thessaly GR-41110, Viopolis, Larissa, GREECE	<i>Tel.</i> +30 2410 685529 <i>Fax</i> +30 2410 685552 <i>e-mail</i> a.vasilaki@med.uth.gr

Studies

	Bachelor of Science in Biology	
<i>Period</i>	09/1988 to 15/07/1993	
<i>Place</i>	Faculty of Biology, Aristotelian University of Thessalonica, Greece	
<i>Graduation</i>	Very Good - 7.81/10.00	
	Master's Degree in Neurosciences	
<i>Period</i>	09/1994-11/1996	
<i>Place</i>	Faculty of Medicine, University of Crete, Greece	
<i>Graduation</i>	Excellent	
	PhD Thesis in Pharmacology	
<i>Title</i>	<i>Molecular approach of somatostatin receptors in the retina</i>	
<i>Period</i>	01/01/1998 to 02/11/2001 (graduation date: 15/12/2001)	
<i>Place</i>	Lab of Pharmacology, Faculty of Medicine, University of Crete, Greece	
<i>Graduation</i>	Excellent	

Post-doctoral Fellowships

(1)	<i>Projects</i>	i) Role of the neuropeptide somatostatin in ocular tissues ii) Effect of somatostatinergic analogues on noradrenaline release from the rat hypothalamus
	<i>Place</i>	Novartis Institute for Biomedical Research, Basel, Switzerland. Collaboration between the Lab of Dr D. Hoyer of the Nervous System Research Unit and Ophtha Research Unit (Target Discovery and Disease Area Angiogenesis Groups)
	<i>Period</i>	01/10/2002 to 30/09/2004
(2)	<i>Projects</i>	i) Effect of somatostatin on nitric oxide production in human retinal pigment epithelium cell cultures ii) Study of the effect of the antidepressant citalopram on somatostatin release and receptor binding in the rat brain. iii) Cortistatin production by HepG2 human hepatocellular carcinoma cell line and distribution of somatostatin receptors (<i>collaboration with the Lab of Gastroenterology and Hepatology, Faculty of Medicine, University of Crete, Heraklion, Crete, Greece</i>)
	<i>Place</i>	Lab of Pharmacology, Faculty of Medicine, University of Crete, Greece
	<i>Period</i>	03/11/2001 to 30/09/2002

Further Formation

2002	LTK Module 2: "Education and Training for Persons Responsible for Directing Animal Experiments" (3 days), organised by the Institute of Laboratory Animals of the University of Zurich in Basel, Switzerland
2002	Statistical Training Courses (3 days), Novartis Pharma AG, Basel, Switzerland
2002	Radiological Protection Courses (3 days), SafPro Institute, Basel, Switzerland
1995	Post-graduate Courses in Neuropsychopharmacology (2 weeks), Dept of Basic Sciences, Faculty of Medicine, University of Crete in collaboration with the Hellenic Society for Neurosciences
1994	Post-graduate Training and Courses in Medical Laboratory Technology (6 months), European Communal Fund, Faculty of Medicine, University of Crete, Heraklion, Crete, Greece
1993	Post-graduate Summer Courses in Biological Chemical and Pharmacological Sciences (1 month), Research Institute Democritus, Athens, Greece

Prizes & Scholarships	
1999-2000	PhD Scholarship - Graduate Program in Neurosciences , Dept of Basic Sciences, Faculty of Medicine, University of Crete, Greece (1 year)
1997	European Union Short Term Research Fellowship Grant: Biomed - BMH4CT965035 . National Institute of Health & Medical Research (INSERM), UNIT 159, Paris, France (6 months extended to 1 year)
6/1997	NATO Advanced Study Institute Travel Grant for the 1997 Retina Meeting (18-28/06/1997): <i>“Development and Organization of the Retina: From molecules to function.”</i> , Agia Pelaghia, Crete.
1994-1996	Master's Degree Scholarship - Graduate Program in Neurosciences , Faculty of Medicine, University of Crete, Greece, (2 years)
1992-1993	European Union ERASMUS Undergraduate Scholarship (6 months), Institute of Molecular Biology, Free University of Brussels (V.U.B.), Brussels, Belgium
Research Grants	
09/2009	2.000€ Research Funding (1 years), Programme: Masters' on <i>“Clinical Applications of Molecular Medicine”</i> , Faculty of Medicine, University of Thessaly, Greece, Supported by: the Greek Ministry of Education, <i>This fund was given for the support of one Master Students' Theses.</i> Supervisor: Dr A. Vasilaki
09/2006	6.000€ Research Funding (2 years), Programme: Masters' on <i>“Clinical Applications of Molecular Medicine”</i> , Faculty of Medicine, University of Thessaly, Greece, Supported by: the Greek Ministry of Education, <i>This fund was given for the support of two Master Students' Theses.</i> Supervisor: Dr A. Vasilaki
11/2005	90.000€ Research Funding (3 years), Title: <i>«Experimental Models of Retinopathies and the Role of Somatostatin as a Neuroprotectant»</i> , Programme: Research Support Programme (PENED), Supported by: the Greek General Secretariat for Research and Technology, the European Union and Novartis (10%), Programme in collaboration with Dr K. Thermos (Principal Investigator) from the Faculty of Medicine of the University of Crete.
07/2005	4.500€ Research Funding (1 year), Programme: Masters' on <i>“Clinical Applications of Molecular Medicine”</i> , Faculty of Medicine, University of Thessaly, Greece, Supported by: the Greek Ministry of Education, <i>This fund was given for the support of three Master Students' Theses.</i> Supervisor: Dr A. Vasilaki
03/2005	50.000€ Research Funding (2 years), Title: <i>«In vitro approach of the neuroprotective actions of somatostatin under ischemic conditions in rat retina and brain»</i> , Programme: Pythagoras II: Reinforcement of Research Groups in the Universities, Supported by: the Greek Ministry of Education & the European Union, Principal Investigator: Dr A. Vasilaki
03/2005	50.000€ Research Funding (2 years), Title: <i>«Opioid induced hyperalgesia. The role of CA1 hippocampal interneurons»</i> , Programme: Pythagoras II: Reinforcement of Research Groups in the Universities, Supported by: the Greek Ministry of Education & the European Union, Principal Investigator: Dr E. Asprodini
Experimental Skills	
Biochemistry	Enzymatic measurement of nitric oxide metabolites GTPase activity studies Polyacrylamide gel electrophoresis 1D & 2D Western blotting
Cell Biology	Cell lines' maintenance Primary cell cultures' maintenance Tissue explants' maintenance
Molecular Biology	Agarose gel electrophoresis Cell culture transfection In situ hybridization Northern blotting Semi-quantitative RT-PCR
Histochemistry & Cytochemistry	Tissue sections; Cryostat and vibratome sectioning Single and double immunohisto(cyto)chemical stains NADPH-diaphorase stain Cresyl violet, Haematoxylin and Eosin, Toluidine Blue
Microscopy	Contrast phase, fluorescence and confocal microscopy Computational Image Analysis
Assays	Enzyme linked Immuno-Sorbent Assay (ELISA) Radio-Immuno Assay (RIA) Bradford Assay High Performance Liquid Chromatography (HPLC)
Pharmacology	Receptor autoradiography Competitive receptor binding Receptor photoaffinity labeling

<i>Neuroscience</i>	Animal Behaviour (Place preference) Electrophysiology (Patch-clamp technique) Stereotactic brain microsurgery <i>In vivo</i> brain microdialysis <i>In vitro</i> neurotransmitter release from brain/eye areas (Superfusion system) <i>Ex vivo</i> model of brain and retinal ischemia Oxygen Induced Retinopathy rat model <i>In vivo</i> epilepsy; kainic acid-induced seizures <i>In vivo</i> model of age-related macular degeneration <i>In vivo</i> model of Diabetic Retinopathy		
<i>Animal studies</i>	Intramuscular, intraperitoneal, subcutaneous, endocardiac, intravitreal, intraventricular and brain dialysis drug delivery Heart perfusion for animal fixation and tissue collection Transgenic mice studies <i>For more methods please see the Neuroscience techniques' section</i>		
Computational Skills			
	PC and Macintosh OS Microsoft Office Statistical packages (GraphPad Prism, SigmaStat, CaleideGraph) Image Analysis Programs (MacBiophotonics ImageJ, MCID analysis system, AnalySIS)		
Teaching Experience			
04/2010 - present	Assistant Professor in Pharmacology , Lab of Pharmacology, Faculty of Medicine, University of Thessaly, Greece. Undergraduate level lectures in Pharmacology , postgraduate level lectures in Molecular Pharmacology and Neurosciences		
04/2004 – 03/2010	Lecturer in Pharmacology , Lab of Pharmacology, Faculty of Medicine, University of Thessaly, Greece. Undergraduate level lectures in Pharmacology , postgraduate level lectures in Molecular Pharmacology and Neurosciences		
1-5/2002	Teaching Assistant in Neuropharmacology Classes, Graduate Program in Neurosciences , Dept of Basic Sciences, Faculty of Medicine, University of Crete, Heraklion, Crete, Greece		
1/1999-5/2002	Teaching Assistant in Pharmacology, Graduate Program in Synthesis of Natural Product , Faculty of Chemistry, University of Crete, Heraklion, Crete, Greece		
13-26/6/1995	Teaching Assistant in Neuropharmacology, Post-graduate courses in Neuropsychopharmacology , Dept of Basic Sciences, Faculty of Medicine, University of Crete, Heraklion, Crete, Greece		
1/1994-5/1999	Teaching Assistant in Pharmacology , Laboratory of Pharmacology, Dept of Basic Sciences, Faculty of Medicine, University of Crete, Heraklion, Crete, Greece		
Research Interests			
<i>CNS Neurotransmission</i>	• Investigation of the neuroprotective properties of neuroactive compounds on retinal and CNS neurotransmission under various metabolic insults		
<i>Age-related macular degeneration</i>	• Validation of neuroactive compounds for the treatment of age-related macular degeneration		
<i>Diabetic retinopathy</i>	• Validation of the anti-inflammatory and antioxidant potential of neuroactive compounds for the treatment of micro-angiopathy during diabetic retinopathy		
Summary of Publications			
<i>Original Publications</i>	16 (+ 6 submitted or in preparation)	<i>Sum of Impact factors</i>	74.091
<i>Review Articles</i>	1	<i>Mean Impact factor</i>	4.358
<i>Monographs</i>	3	<i>Citations</i>	458¹ (401)²
<i>Textbooks/Handbooks</i>	2 (chapters)	<i>h factor</i>	9
<i>Abstracts</i>	46		
Detailed list of Publications			
<i>Reviews</i>	1. <u>Vasilaki A.</u> and Thermos, K. (2009) Somatostatin analogues as therapeutics in retinal disease. <i>Pharmacology & Therapeutics</i> 122:324-33 [I.F. ³ : 9.443 , C.I.: 3, (2)]		
<i>Original Publications</i>	1. Pallis E., <u>Vasilaki A.</u> ⁴ , Fehlmann D., Kastellakis A., Hoyer D., Spyraiki C., and Thermos K. (2009) Antidepressants influence somatostatin levels and receptor pharmacology in brain. <i>Neuropsychopharmacology</i> , 34:952-63. (I.F.: 6.835 , C.I.: 3(2)).		
	2. Hatziefthimiou A., Kiritsi M., Kyropoulou A., <u>Vasilaki A.</u> , Sakellaridis N. and Molyvdas P-A. (2009) Regional differences in the modulatory role of airway epithelium. <i>Clinical and Experimental Pharmacology and Physiology</i> , 36:668-74 [I.F.: 2.196 , C.I.: 0 (0)].		
	3. Kouvaras E., Asproдини E.K., Asouchidou I., <u>Vasilaki A.</u> , Kilindris T., Michaloudis D.,		

¹ C.I.: Citation Index according to Scopus.

²(C.I.): Citation Index according to ISI Web of Knowledge.

³ I.F.: Impact factor

⁴ Equal contribution with the First Author

	<p>Koukoutianou I., Papatheodoropoulos C., and Kostopoulos G. (2008) Fentanyl treatment reduces GABAergic inhibition in the CA1 area of the hippocampus 24h after acute exposure to the drug. Neuropharmacology, 55:1172-82 [I.F.: 3.383, C.I.: 1(1)].</p> <p>4. Mastrodimou N., <u>Vasilaki A.</u>⁴, Papadioti A., Kafourou S., Low M., Hoyer D. and Thermos K. (2006) Somatostatin receptors in wild type and somatostatin deficient mice and their involvement in nitric oxide physiology. Neuropeptides, 40:365–373 [I.F.: 2.438, C.I.: 3 (4)].</p> <p>5. <u>Vasilaki A.</u>, Papasava, D., Kocharyan, A., Schulz, S., Hoyer, D. Meyerhof, W. and Thermos, K., (2004) The somatostatin receptor (sst₁) is an autoreceptor in the nucleus accumbens of the rat. Neuropharmacology 47:612-8 [I.F.: 3.383, C.I.: 18 (17)].</p> <p>6. Notas G., Kolios, G., Mastrodimou, N., Kampa, M., <u>Vasilaki A.</u>, Xidakis, C., Castanas, E., Thermos, K. and Kouroumalis, E. (2004) Cortistatin production by HepG2 human hepatocellular carcinoma cell line and distribution of Somatostatin receptors. Journal of Hepatology 40:792-8 [I.F.: 7,056, C.I.: 20 (20)].</p> <p>7. <u>Vasilaki A.</u>, Papadaki, T., Notas, G., Kolios, G., Mastrodimou, N., Hoyer, D, Tsilimbaris, M., Kouroumalis, E., Pallikaris, I. and Thermos, K. (2004) Effect of Somatostatin on Nitric Oxide Production in Human Retinal Pigment Epithelium Cell Cultures. Investigative Ophthalmology & Visual Science 45:1499-1506 [I.F.: 3.582, C.I.: 19 (19)].</p> <p>8. Dal Monte, M., Petrucci, C., <u>Vasilaki A.</u>, Cervia, D., Drouelle, D., Epelbaum, J., Kreienkamp, H-J., Richter, D., Hoyer, D., and Bagnoli P. (2003) Genetic deletion of somatostatin receptor 1 alters somatostatinergic transmission in the mouse retina. Neuropharmacology 45:1080-92 [I.F.: 3.383, C.I.: 29 (30)].</p> <p>9. Grigoryan, E.N., <u>Vasilaki A.</u>, Mastrodimou, N., and Thermos, K. (2003) Somatostatin receptor immunoreactivity in the eye of the adult newt (Pleurodeles waltli). Neuroscience Letters 337:143-146 [I.F.: 2.200, C.I.: 3 (3)].</p> <p>10. <u>Vasilaki A.</u>, Georgoussi, Z., and Thermos, K. (2003) Somatostatin receptors (sst₂) are coupled to Go and modulate GTPase activity in the rabbit retina. Journal of Neurochemistry 84:625-632 [I.F.: 4.500, C.I.: 20 (18)].</p> <p>11. <u>Vasilaki A.</u>, Mouratidou, M., Schulz, S., and Thermos, K. (2002) Somatostatin mediates nitric oxide production by activating sst₂ receptors in the rat retina. Neuropharmacology 43: 899-909 [I.F.: 3.383, C.I.: 32 (29)].</p> <p>12. <u>Vasilaki A.</u>, Gardette, R., Epelbaum, J. and Thermos, K. (2001) NADPH-diaphorase colocalization with somatostatin receptor subtypes sst_{2A} and sst_{2B} in the retina. Investigative Ophthalmology & Visual Science 42:1600-1609 [I.F.: 3.582, C.I.: 33 (32)].</p> <p>13. Mead, A.N., <u>Vasilaki A.</u>, Spyraiki, C., Duka, T., and Stephens, D.N. (1999) AMPA-receptor involvement in c-fos expression in the medial prefrontal cortex and amygdala dissociates neural substrates of conditioned activity and conditioned reward. European Journal of Neuroscience 11:4089-4098 [I.F.: 3.385, C.I.: 38 (39)].</p> <p>14. <u>Vasilaki A.</u>, Lanneau, C., Dournaud, P., de Lecea, L., Gardette, R., and Epelbaum, J. (1999) Cortistatin affects glutamate sensitivity in mouse hypothalamic neurons through activation of sst₂ somatostatin receptor subtype. Neuroscience 88:359-364 [I.F.: 3.556, C.I.: 21 (21)].</p> <p>15. Kouroumalis, E.A., Skordilis, P., Thermos, K., <u>Vasilaki A.</u>, Moschandreas, J., and Manousos, O.N. (1998) Treatment of hepatocellular carcinoma with octreotide: a randomized study. Gut 42:442-447 I.F.: 9.766, C.I.: 224 (181)].</p> <p>16. Sivropoulou, A., <u>Vasilaki A.</u>, and Arsenakis, M. (1994) Application of a transformed cell line constitutively expressing HSV-1 polypeptides for the detection of HSV antibodies in human sera by an enzyme immunoassay. Archives of Virology 139:183-188 [I.F.: 2.020, C.I.: 0 (0)].</p>
Monographs	<p>1. <u>Vasilaki A.</u> (2001) Molecular approach of somatostatin receptors in the retina. Graduate Program in Basic Neurosciences, Dept of Basic Sciences, Faculty of Medicine, University of Crete, Heraklion, Crete, Greece PhD thesis.</p> <p>2. <u>Vasilaki A.</u> (1993) Adhesion and inhibition of adhesion of Escherichia coli strains expressing F17 and F111 fimbriae to intestinal receptors. Institute of Molecular Biology, Free University of Brussels (V.U.B.), Brussels, Belgium Bachelor thesis.</p> <p>3. <u>Vasilaki A.</u> (1992) Application of a transformed cell line constitutively expressing HSV-1 polypeptides for the detection of HSV antibodies in human sera by an enzyme immunoassay. Lab of Microbiology, Department of Genetic Development and Molecular Biology, Faculty of Biology, Aristotelian University of Thessalonica, Greece Bachelor thesis.</p>
Textbooks/Handbooks	<p>1. <u>Vasilaki A.</u>, and Sakellarides N. (2006) Drugs and Receptors. In: 9th Thematic Section of Intensive Care, Pashalidis & Sons, Athens, p.: 48-57.</p> <p>2. <u>Vasilaki A.</u>, and Thermos, K. (2001) Elucidation of the role of somatostatin receptors in the rabbit retina: a biochemical and immunohistochemical study. In: 2nd Hellenic Forum on Bioactive Peptides, Ed Cordopatis, P.A., Patras: Tachytypo Ltd p:219-228.</p>
Papers in preparations	<p>1. Pikiou O, <u>Vasilaki A.</u>, Leonardaritis G., Vamvakopoulos N., Messinis I. Effects of metformin on embryo production and development of early cleavage stages of bovine embryos. (<i>Submitted in Reproduction</i>).</p> <p>2. Sourlas V., Athanasiou V., Giatsiou D. and <u>Vasilaki A.</u> Beneficial effects of sst₂ and sst₄ somatostatin receptor activation on ischemic rat retinal neurotransmission.</p> <p>3. Athanasiou V., Sourlas V., Giatsiou D. and <u>Vasilaki A.</u> Differential effects of sst₁, sst₂ and sst₄</p>

	<p>somatostatin receptor activation on the ischemia-induced [³H]D-aspartate and [³H]GABA release from the rat hippocampus.</p> <p>4. <u>Vasilaki A.</u>, Bernhard M., Lambrou G.N., Hoyer, D. and Trendelenburg A-U. Effect of somatostatin on [³H]-Noradrenalin release from mouse hypothalamic slices.</p> <p>5. <u>Vasilaki A.</u>, Thermos K., Hoyer D. Expression of somatostatin receptor mRNAs and proteins in the rat and mouse anterior eye.</p> <p>6. Zisopoulou S., Leontaritis G., <u>Vasilaki A.</u>, Sakellaridis N., Mangoura D. and Pitsikas N. Effects of PKC epsilon regulating peptides, εV1-2 and ψεRACK, on recognition memory in rats.</p>
Abstracts (Oral presentations)	<p>1. Papageorgiou E., Grivas V., Sourlas V.⁵, <u>Vasilaki A.</u> (2010) Differential effects of ischemia, hypoxia, hypoglycaemia and hyperglycaemia on rat retinal excitatory and inhibitory neurotransmission. Hellenic Society for Neurosciences, "Days of Neuroscience 2010".</p> <p>2. Papageorgiou E.⁵ and <u>Vasilaki A.</u> (2010) Age related macular degeneration and diabetic retinopathy: New drugs against neovascularization. 43rd Hellenic Ophthalmology Meeting.</p> <p>3. Sourlas V.⁵, Athanasiou V. and <u>Vasilaki A.</u> (2008) Effect of somatostatinergic analogues on the ischemia-induced release of [³H]-D-Aspartate and [³H]-GABA from rat retina and hippocampus. Review of Clinical Pharmacology and Pharmacokinetics (International Edition) 22:327-328.</p> <p>4. Kokkinou E.⁵, Kouvaras E., <u>Vasilaki A.</u>, and Asproдини E.K. (2008) Effect of somatostatin on kainic acid-induced seizures in the rat hippocampus; Possible involvement of nitric oxide. 22nd Meeting of the Hellenic Society for Neurosciences.</p> <p>5. Pallis E., <u>Vasilaki A.</u>^{4,5}, D. Fehlmann, D. Hoyer, Spyraکی, C. and Thermos, K. (2006) Acute and chronic administration of citalopram influences somatostatin levels and receptor pharmacology in brain. 4th Hellenic Conference of Pharmacology Patras, Greece.</p> <p>6. Thermos K.⁵, Pallis E., <u>Vasilaki A.</u>, Hoyer D., and Spyraکی C. (2006) Antidepressant strategies and the putative role of somatostatin. 7th Meeting of Medical Chemistry Patras, Greece.</p> <p>7. <u>Vasilaki A.</u>⁵, and Sakellarides N. (2006) Drugs and Receptors. In: 9th Thematic Section of Intensive Care Athens, Greece.</p> <p>8. <u>Vasilaki A.</u>⁵, Mouratidou, M., Schulz, S., and Thermos, K. (2002) Somatostatin mediates nitric oxide production by activating sst₂ receptors in the rat retina. 2nd Hellenic Conference of Pharmacology Athens, Greece.</p> <p>9. <u>Vasilaki A.</u>⁵, Notas, G., Schulz, S., Kouroumalis, E., and Thermos, K. (2001) Mapping of somatostatin receptors in the rat retina and colocalization with NADPH-diaphorase. Effect of somatostatin on nitric oxide production. 31st Meeting of the Society for Neuroscience, Abstract, Vol. 27, Program No. 239.3, (C.I.:1).</p> <p>10. <u>Vasilaki A.</u>⁵, and Thermos, K. (2000) Elucidation of the role of somatostatin receptors in the rabbit retina: a biochemical and immunohistochemical study. 2nd Hellenic Forum on Bioactive Peptides, Patras, Greece.</p>
(Posters)	<p>11. <u>Vasilaki A.</u>, Grivas V., Sourlas V. and Papageorgiou E. (2010) Differential effect of ischemia, hypoxia, hyperglycaemia and hypoglycaemia on the rat retinal neurotransmission. European Association for Vision and Eye Research (EVER) 2010, Crete, Greece, 381 p 199.</p> <p>12. Kokkinou E., Asproдини E.K. <u>Vasilaki A.</u>, (2010) Beneficial effects of somatostatin analogues against kainic acid-induced seizures in the rat. 9th European Congress on Epileptology.</p> <p>13. Athanasiou V., Sourlas V., Giatsiou D. and <u>Vasilaki A.</u> (2008) Beneficial and detrimental effects of somatostatin on ischemic rat retinal neurotransmission. 22nd Meeting of the Hellenic Society for Neurosciences.</p> <p>14. Sourlas V., Athanasiou V., Giatsiou D. and <u>Vasilaki A.</u> (2008) Differential effects of sst₁, sst₂ and sst₄ somatostatin receptor activation on the ischemia-induced [³H]D-aspartate and [³H]GABA release from the rat hippocampus. 22nd Meeting of the Hellenic Society for Neurosciences.</p> <p>15. <u>Vasilaki A.</u>, Sourlas V., Athanasiou V., Kouvaras E. and Asproдини E.K. (2008) Octreotide influences ischemia-induced [³H]D-aspartate release and GABA immunoreactivity changes in rat retinal and hippocampal preparations. Federation of European Neuroscience Societies (FENS), Forum 2008.</p> <p>16. <u>Vasilaki A.</u> (2007) Effect of anoxia and hypoglycemia on the expression of neuronal cell markers in the rat retina and hippocampus: Development of a rat ex vivo ischemia model. Review of Clinical Pharmacology and Pharmacokinetics (Greek Edition) 25:25-27.</p> <p>17. Kouvaras E., Kilindris T., <u>Vasilaki A.</u>, Asproдини E.K. (2007) In vivo fentanyl treatment reduces GABA immunoreactivity in the CA1 area of the rat hippocampus. 21st Meeting of the Hellenic Society for Neurosciences p134-135.</p> <p>18. Kouvaras E., Asproдини E.K. Asouchidou A., <u>Vasilaki A.</u>, Michaloudis D., Papatheodoropoulos C., Kostopoulos G. (2007) Effect of the in vivo fentanyl treatment on the excitatory and inhibitory synaptic transmission within the CA1 area of the rat hippocampus. 21st Meeting of the Hellenic Society for Neurosciences p134-135.</p> <p>19. Kyropoulou A., Hatziefthimiou A., <u>Vasilaki A.</u>, Sakellarides N. and Molyvdas P-A. (2007)</p>

⁵ Presenting Author

- Meseurment of nitric oxide synthase activity and expression in the airways **16th Hellenic Pneumonology Meeting** Athens 6-9 Dec. 2007.
20. Koukoutianou I., Kouvaras E., Tsinogos V., Asproдини E.K., Vasilaki A. (2006) Fentanyl induces long-lasting alterations in GABAergic immunoreactivity in the rat hippocampus **20th Meeting of the Hellenic Society for Neurosciences** p74-75.
 21. Koukoutianou I., Tsinogos V., Kouvaras E., Asproдини E.K., Vasilaki A. (2006) Fentanyl treatment indreases NADPH-diaphorase activity in the rat hippocampus long after drug exposure. **20th Meeting of the Hellenic Society for Neurosciences** p74-75.
 22. Kouvaras E., Asproдини E., Asouchidou E., Koukoutianou I., Vasilaki A., Papatheodoropoulos C., Kostopoulos G. (2006) A single *in vivo* exposure to fentanyl induces long-lasting reuction of GABAergic inhibition in the CA1 area of rat hippocampus **20th Meeting of the Hellenic Society for Neurosciences** p75-76.
 23. Kokkinou E., Tsezou A., Sakellaridis N., Vasilaki A. (2006) Expression of neuronal cell markers in human amniotic fluid cells. *A new source of neuronal cell lines?* **20th Meeting of the Hellenic Society for Neurosciences** p69-70.
 24. Pallis E., Vasilaki A.⁵, Fehlmann D., Hoyer D., Spyraки C., and Thermos K. (2006) Acute and chronic administration of citalopram influences somatostatin levels and receptor pharmacology in brain **36th Meeting of the Society for Neuroscience**.
 25. Notas, G., Xidakis, C., Valatas, V., Vasilaki A., Mastrodimou, N., Kolios, G., Thermos, and Kouroumalis, E. (2005) Somatostatin receptors and somatostatinergic peptides expressed by kupffler cells **European Journal of Endocrinology** 152:U51 Suppl. 1, (C.I.:1).
 26. Notas G, Xidakis C, Valatas V, Vasilaki A., Mastrodimou N, Manousou P, Kolios G, Thermos K, Kouroumalis E (2005) LPS modifies the expression and accumulation of somatostatin receptors in rat Kupffer cells. **J. Hepatol** 42: 635 Suppl. 2.
 27. Manousos, P., Notas, G., Xidakis, C., Valatas, V., Vasilaki A., Mastrodimou, N., Kolios, G., Thermos, and Kouroumalis, E. (2004) Somatostatin receptors and somatostatinergic peptides expressed by kupffler cells **Regulatory Peptides** 122:A89.
 28. Notas, G., Kampa, M., Vasilaki A., Xidakis, C., Valatas, V., Thermos, K., Kolios, G., Castanas, E. and Kouroumalis, E. (2003) Octreotide and opioids reduce the rate of proliferation of human hepatocellular carcinoma (HCC) cell line HEPG2, with parallel increase of nitric oxide (NO) production **Journal of Hepatology**, 38:345 Suppl. 2, **EASL 2003 - 38th Annual Meeting of the European Association for the Study of the Liver**, Geneva, Switzerland
 29. Dal Monte, M., Cervia, D., Vasilaki A., Petrucci, C., Drouelle, D., Epelbaum, J., Richter, D., Hoyer, D. and P. Bagnoli (2003) Altered somatostatinergic systems in retinas of mice with genetic deletion of somatostatin subtype receptor 1 (sst₁) **Neuropeptides**, 37:185.
 30. Thermos, K., Vasilaki A., Papasava, D., Kocharian, A., Schulz, S., Hoyer, D., and Meyerhof, W. (2003) The somatostatin receptor (sst₁) is an autoreceptor in the nucleus accumbens. **6th International Brain Research Organization (IBRO) World Congress of Neuroscience**, Prague, Czech Republic.
 31. Pallis E., Vasilaki A., Spyraки C. and Thermos K. (2002) Effect of citalopram treatment on somatostatin levels and [¹²⁵I]Tyr¹¹ somatostatin binding in rat brain. **17th Annual Meeting of Hellenic Society for Neuroscience**, Rethymno, Greece.
 32. Vasilaki A., Papadaki, T., Hoyer, D., Tsilibaris, M., Pallikaris I. and Thermos, K. (2002) Somatostatin regulates nitric oxide production in human retinal pigment epithelium (RPE) cell cultures. **17th Annual Meeting of Hellenic Society for Neuroscience**, Rethymno, Greece.
 33. Vasilaki A., Papasavva, D., Hoyer, D. and Thermos, K., (2002) The somatostatin receptor sst1 is an autoreceptor in the rat nucleus accumbens **17th Annual Meeting of Hellenic Society for Neuroscience**, Greece.
 34. Pallis E., Vasilaki A., Spyraки C. and Thermos K. (2002) Effect of citalopram treatment on somatostatin levels and [¹²⁵I]Tyr¹¹ somatostatin binding in rat brain. **Federation of European Neuroscience Societies (FENS)**, Forum 2002. p. 126
 35. Vasilaki A., and Thermos, K. (2002) Functional mapping of somatostatin receptors in the retina. **22nd Blankenese Conference**, Hamburg-Blankenense, p.29.
 36. Papadaki, T., Vasilaki A., Tsilimbaris, M., Pallikaris, I. and Thermos, K. (2002) Somatostatin regulates nitric oxide production in human retinal pigment epithelium (RPE) cell cultures. **Investigative Ophthalmology & Visual Science** 43: 4584 Suppl. 2. **The Association for Research in Vision and Ophthalmology (ARVO 2002)** Annual Meeting, Florida FL, (C.I.:1).
 37. Vasilaki A., Grigoryan, E.N., Mastrodimou, N., and Thermos K. (2000) Somatostatin receptor (sst3) immunoreactivity in the eye of the adult newt **30th Annual Meeting of Society for Neuroscience**, New Orleans, LA. Vo. 25, 530.15
 38. Mastrodimou, N., Vasilaki A., Nifli, P., de Lecea, L., and Thermos, K. (2000) Downregulation of somatostatin receptors (sst2A and sst2B) in retinas of mice overexpressing cortistatin: an immunohistochemical study. **15th Annual Meeting of Hellenic Society for Neuroscience**, Patras, Greece.
 39. Vasilaki A., and Thermos, K. (2000) Somatostatin regulates dopamine release in rat retinal explants. **15th Annual Meeting of Hellenic Society for Neuroscience**, Patras, Greece.
 40. Vasilaki A., Giakoumaki, S., Mastrodimou, N., Gardette, R., Epelbaum, J., and Thermos, K.

	<p>(2000) NADPH-diaphorase colocalizes with somatostatin (SRIF) receptor subtypes sst2A and sst2B in the rat and rabbit retina. <i>European Journal of Neuroscience (EJN)</i>, 12(suppl. 11):466.</p> <p>41. Sahpazidou, D., Antonoglou, O., Galaktidou, G., Pavlidou, E., Kallipolitou, A., Vainas, E., Pazaitou, K., Katsaridis, V., Filaktakis, M., Thermos, K., <u>Vasilaki A.</u>, and Kortsaris, A.H. (1998) Epidermal Growth Factor and Insulin Like Growth Factor and their receptors in patients with Central Nervous System tumors. <i>8th International Congress on Anti-Cancer Treatment</i> p:53.</p> <p>42. <u>Vasilaki A.</u>, Lanneau, C., de Lecea, L., Kordon, C., Epelbaum, J., and Gardette, R. (1997) Effects de la cortistatine sur la sensibilite au glutamate des neurones hypothalamiques en culture primaire. <i>8^{eme} Colloque, Association Canaux Ionique</i>, La Londe Les Maures, France p:1.</p> <p>43. Slama, A., <u>Vasilaki A.</u>, Violette, C., Videau, C., and Epelbaum, J. (1997) Sous-types de receptereus de la somatostatine visualises dans le cerveau et l'hypophese du rat à l'aide de (¹²⁵I)-Tyr⁰-DTRP⁸-Somatostatine et (¹²⁵I)-CH-288. <i>8th Meeting, European Neuroendocrine Association - XXVI^{eme} Colloque de la Société de Neuroendocrinologie Expérimentale, Annals of Endocrinology</i>, 58 (suppl.1): 1S40.</p> <p>44. Paulidou, E., Sahpazidou, D., Kallipolitou, A., Antonoglou, O., Kortsaris, A.H., Galaktidou, G., Vainas, E., Pasaitou, K., Katsaridis, V., Filaktakis, M., Thermos, K., and <u>Vasilaki A.</u> (1997) Levels of steroid hormone receptors in brain tumors. <i>9th Hellenic Oncology Meeting</i> 33:197.</p> <p>45. <u>Vasilaki A.</u>, Hatzilaris, E., Liapakis, G., Georgoussi, Z., and Thermos, K. (1996) Somatostatin receptor subtypes (sst2) in the rabbit retina. <i>Proceedings Society Neuroscience</i>, 22:881 (C.I.: 7).</p> <p>46. <u>Vasilaki A.</u>, Hatzilaris, E., Liapakis, G., Georgoussi, Z., and Thermos, K. (1996) Somatostatin receptor 2 in the rabbit retina. <i>12th Annual Meeting of Hellenic Society for Neuroscience</i>, p:23.</p>
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