

## CURRICULUM VITAE

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## Academic Positions

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- **2013: Assistant Professor in Neuroscience**, *Department of Biology & Centre for Tissue Regeneration and Engineering (TREND), University of Dayton, Dayton, Ohio, USA*
- **2012-2013: Post-doctoral Research Associate**, *Biomedical Research Foundation of the Academy of Athens (BRFAA), Greece*
- **2011-2012: Post-doctoral fellow**, *INSERM UMR-S 839, Institut du Fer à Moulin, Université Pierre et Marie Curie, Paris, France*
- **2010-2011: Post-doctoral Research Associate**, *Department of Pharmacology, Medical School, National & Kapodistrian University of Athens (NKUA), Greece*
- **2010-2011: Junior Lecturer**, *Department of Pharmacology, Medical School, NKUA, Greece*
- **2006-2009: PhD candidate**, *Department of Pharmacology, Medical School, NKUA, Greece*

## Education

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- **2010: Ph.D. in Biomedical Sciences (Neurobiology)**, *“Honors” Department of Pharmacology, Medical School, National & Kapodistrian University of Athens (NKUA), Greece.*
- **2010: M.Sc. in Molecular Medicine/Neurobiology**, *“Honors”, 2-year postgraduate M.Sc. course in Molecular Medicine; Medical School, NKUA, Greece.*
- **2005: B.Sc. in Biology**, *Faculty of Biology, School of Sciences, NKUA, Greece.*

## Research Interests

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### Neuropsychopharmacology and Behavioral Neuroscience

The goal of our research is to better understand the behavioral, neurochemical and molecular mechanisms underlying neuropsychiatric disorders and their treatment. A major research line of the lab, concerns the sex-dependent neurobiological adaptations that underlie the actions of antidepressant drugs and stress at the preclinical level with the ultimate goal to identify novel targets for individualized and sex-oriented psychopharmacotherapies. In this context, experiments are guided by neuropharmacological or physiological hypotheses and a combination of rodent stress models, neurochemical and molecular methods are implemented.

#### Major research interests include:

- Sex differences in animal models of depression and antidepressant response
- Role of serotonin in the neurobiology of neuropsychiatric disorders such as major depression and schizophrenia
- Individual differences in response to stress and antidepressants
- Neuroimmunopharmacology of major depression

## Scientific Publications

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### *Published papers in peer-reviewed journals (\* corresponding author)*

1. Franceschelli A., Herchick S., Thelen C., Papadopoulou-Daifoti Z., **Pitychoutis P.M.\*** (2014) Sex differences in the chronic mild stress model of depression. *Behavioural Pharmacology*, 25: 372-383
2. **Pitychoutis P.M.,\*** Sanoudou D., Papandreou M., Nasias D, Kouskou M, Tomlinson C.R., Tsonis P.A., Papadopoulou-Daifoti Z (2014) Forced swim test induces divergent global transcriptomic alterations in the hippocampus of high versus low novelty-seeker rats. *Human Genomics*, 25;8(1):4.
3. Sfikakis A, **Pitychoutis P.M.**, Tsouma A., Messari I., Papadopoulou-Daifoti Z (2014) Effects of testosterone and estradiol on stress-induced adrenal and hippocampal weight in female rats. *Hormones*, 13:119-130.
4. Bessinis D.P., Dalla C., Kokras N., **Pitychoutis P.M.**, Papadopoulou-Daifoti Z (2013) Sex-dependent neurochemical effects of environmental enrichment in the visual system. *Neuroscience*, 254:130-140.
5. **Pitychoutis P.M.,\*** Kokras N., Sanoudou D., Dalla C., Papadopoulou-Daifoti Z (2013) Pharmacogenetic considerations for late-life depression therapy. *Expert Opin Drug Metab Toxicology*, 9(8):989-99.
6. Xilouri M, Brekk OR, Landeck N, **Pitychoutis PM**, Papasilekas T, Papadopoulou-Daifoti Z, Kirik D, Stefanis L (2013). Boosting Chaperone-Mediated Autophagy mitigates alpha-synuclein-mediated neurodegeneration in an animal model of Parkinson's disease. *Brain*, 136: 2130-2146

7. Narboux-Nême N., Angenard G., Mosienko V., Klempin F., **Pitychoutis P.M.**, Deneris E., Bader M., Giros B., Alenina N., Gaspar P (2013). Postnatal growth defects in mice with constitutive depletion of central serotonin, *ACS Chemical Neuroscience*, 16;4(1):171-181.
8. Athanasopoulos C., **Pitychoutis P.M.**, Messari I., Lionis C., Papadopoulou-Daifoti Z (2013). Is drug utilization in Greece sex-dependent? A population based study. *Basic & Clinical Pharmacology & Toxicology*, 112(1):55-62.
9. **Pitychoutis P.M.**, Dalla C., A. Sideris, P. A. Tsonis, Z. Papadopoulou-Daifoti (2012). 5-HT<sub>1A</sub>, 5-HT<sub>2A</sub>, and 5-HT<sub>2C</sub> receptor mRNA modulation by antidepressant treatment in the chronic mild stress model of depression: sex differences exposed. *Neuroscience* 210: 152-167.
10. Xilouri M., Kyrazi E., **Pitychoutis P.M.**, Papadopoulou-Daifoti Z., Vila M., Maniati M., Ulusoy A., Kirik D., Park D., Wada K., Stefanis L (2012). Selective neuroprotective effects of the S18Y polymorphic variant of UCH-L1 in the dopaminergic system. *Human Molecular Genetics*, 21(4):874-889.
11. Kokras N., Sotiropoulos I., **Pitychoutis P.M.**, Almeida O.F.X, Papadopoulou-Daifoti Z. (2011). Citalopram-mediated anxiolysis and differing neurobiological responses in both sexes of a genetic model of depression. *Neuroscience*, 27;194:62-71.
12. **Pitychoutis P.M.**, Pallis E., Mikail H.G., Papadopoulou-Daifoti Z (2011). Individual differences in novelty-seeking predict differential responses to chronic antidepressant treatment through sex- and phenotype-dependent neurochemical signatures. *Behavioral Brain Research*, 223(1):154-168.
13. Dalla C., **Pitychoutis P.M.**, Kokras N., Papadopoulou-Daifoti Z (2011). Sex differences in response to stress and expression of depressive-like behaviours in the rat. *Current Topics in Behavioral Neuroscience* 8, 97-118.
14. Dalla C., **Pitychoutis P.M.**, Kokras N., Papadopoulou-Daifoti Z (2010). Sex differences in the neurobiological substrate of depression and antidepressant response. *Basic & Clinical Pharmacology & Toxicology*, 106: 226-233.
15. **Pitychoutis P.M.**, Tsitsilonis O.E., Papadopoulou-Daifoti Z (2010). Antidepressant pharmacotherapy: focus on sex differences in neuroimmunopharmacological crossroads. *Future Neurology*, 5: 581-596.
16. **Pitychoutis P.M.**, Zisaki A., Dalla C., Papadopoulou-Daifoti Z (2010). Pharmacogenetic insights into depression and antidepressant response: does sex matter? *Current Pharmaceutical Design*, 16: 2214-2223.
17. **Pitychoutis P.M.** and Z. Papadopoulou-Daifoti (2010). Of depression and immunity: does sex matter? *International Journal of Neuropsychopharmacology*, 13: 675-689.
18. Kamper E.F., Chatzigeorgiou A., Tsimpoukidi O., Kamper M., Dalla C., **Pitychoutis P.M.**, Papadopoulou-Daifoti Z (2009). Sex differences in oxidant/antioxidant balance under a chronic mild stress regime. *Physiology & Behavior*, 98: 215-222.
19. **Pitychoutis P.M.**, Griva E., Ioannou K, Tsitsilonis OE, Papadopoulou-Daifoti Z (2009). Chronic antidepressant treatment exerts sexually dimorphic immunomodulatory effects in an experimental model of major depression: do females lack an advantage? *International Journal of Neuropsychopharmacology*, 12: 1157-1163.

20. Zampeli E., **Pitychoutis P.M.**, Papadopoulou-Daifoti Z., Tiligada, E (2009). Systemic challenge with lipopolysaccharide induces histamine levels in the rat conjunctiva and cartilage but not in the hypothalamus. *Inflammation Research* 58: S49-50.
21. **Pitychoutis P.M.**, Nakamura K., Tsonis P.A., Papadopoulou-Daifoti Z (2009). Neurochemical and behavioral alterations in an inflammatory model of depression: sex differences exposed. *Neuroscience*, 159: 1216-1232. **Included in the Top 25 Hottest articles of the journal (April-June 2009)**
22. Marazioti A., **Pitychoutis P.M.**, Papadopoulou-Daifoti Z., Spyraiki C., Thermos K (2008). Activation of somatostatin receptors in the globus pallidus increases rat locomotor activity and dopamine release in the striatum. *Psychopharmacology (Berl)*, 201:413-22.
23. Sfikakis A., **Pitychoutis P.M.**, Antoniou K., Bikas, N., Papadopoulou-Daifoti Z (2008). The impact of the hormonal milieu and stress-associated hypothalamic dopaminergic activation on the rapid compensatory adrenal growth in cycling female rats. *Hormones*, 7:307-316.

### Chapters in Books

24. Dalla C., Kokras N., **Pitychoutis P.M.**, Papadopoulou-Daifoti Z., Olivier JDA (2013). The differential involvement of the serotonergic system in depression and antidepressant treatment of males and females. In Hall, FS. ed. **Serotonin: Biosynthesis, Regulation and Health Implications**, Hauppauge, NY, NOVA Science Publishers, Inc. ISBN: 9781624176364
25. **Pitychoutis P.M.**, Sanoudou D., Dalla C., Papadopoulou-Daifoti Z. (2012) Neuropharmacogenetics of depressive disorders: has the time come to take both sexes into account? In: **Clinical Applications of Pharmacogenetics**, InTech Eds, ISBN 978-953-307-821-2
26. Dalla C, **Pitychoutis PM**, Sanoudou D, Papadopoulou-Daifoti Z. 2011. "The Neurobiological substrate of psychoses: implications in developing new treatments". In: **Clinical Psychopharmacology: latest advances** by Prof K. Soldatos and D. Dikeos. Vita Eds, Athens, Greece, ISBN 978-960-452-139-5.
27. **Pitychoutis PM**, Dalla C, Sanoudou D, Papadopoulou-Daifoti Z. (2012) "Pharmacology of nicotine addiction". In: **Lung Cancer Atlas**, by Prof. Syrigos, Parisianos Eds, Athens, Greece, ISBN 978-960-394-838-4

### Teaching Experience

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- **2013-present: Theater lectures in Neurobiology (BIO415), Physiology I (BIO403), Neuropharmacology (BIO596)** in undergraduate and graduate students, Department of Biology, University of Dayton
- **2013: Lectures in Neurobiology** to M.Sc. students in Molecular Medicine, Medical School, NKUA

- **2010-2011: Junior Lecturer in Neuropsychopharmacology**, Medical School, NKUA (assigned the teaching of Neuropsychopharmacology chapters to 2<sup>nd</sup> year students of the Nursery School, as part of the compulsory Pharmacology course)
- **2010-2011: Lectures in Neurobiology** to M.Sc. students in Molecular Medicine, Medical School, NKUA
- **2009-2010: Lectures in “Experimental Psychopharmacology”** to 3<sup>rd</sup> Year medical students of Athens’ Medical School, NKUA
- **2009: Educational video compilation entitled: «Introduction to Psychopharmacology»** for 3<sup>rd</sup> Year medical students of Athens’ Medical School. Responsible for manuscript preparation and presentation.  
[http://www.med.uoa.gr/pharmacology/ereunhtikoi\\_tomeis/neuro\\_psycho/index.html](http://www.med.uoa.gr/pharmacology/ereunhtikoi_tomeis/neuro_psycho/index.html)
- **2008: Post-graduate courses in Pharmacology**; Medical School of Athens, NKUA
- **2009-2013: Supervision and training of graduate and pre-graduate students** of the Medical School and the Faculty of Biology, NKUA.

## Awards & Distinctions

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- **2013: ECNP Travel Grant and Junior Lecturer invited talk at the ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe, 7-10 March, 2013, Nice, France**
- **2011: Postdoctoral Research Fellowship from the Neuropôle de Recherche Francilien (NeRF), Paris, France**
- **2011: Society of Behavioral Neuroendocrinology (SBN): Young Investigator Award** to the annual SBN meeting, 22-26 June, Querétaro, Mexico
- **2011: International & European Societies of Neurochemistry (ISN & ESN): Award** to attend the 10<sup>th</sup> ISN Advanced School of Neurochemistry and the 23<sup>rd</sup> Biennial Meeting, 24 August-1 September, Athens, Greece
- **2011: Greek Society of Pharmacology: Poster Award and fee-waiver Scholarship to the 10<sup>th</sup> Pharmacology Days, Athens, Greece**
- **2010: Graduated 1<sup>st</sup>** from the M.Sc. course in Molecular Medicine/Neurobiology
- **2010: Estella’s Excellence Award** for postgraduate studies in the Department of Pharmacology
- **2009: Onassis Foundation: Travel Award** for the Onassis Foundation Science Lecture Series in Immunobiology; *Foundation for Research and Technology, Crete, Greece*
- **2009: Turkish and the Hellenic Societies for Neurosciences: Joint Travel Award** to participate in the EGE Vth Biennial International Neuroscience Graduate Summer School (BINGSS), *Ege University, Faculty of Medicine, Izmir, Turkey*

## Presentations at Scientific Meetings

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### *Selected invited talks and oral presentations*

- **Pitychoutis PM (2013)**. Of Serotonin in Depression and Schizophrenia: Lessons from basic Neurobiology and Animal Models, *Department of Biology Spring 2013 Seminar Series, University of Dayton, Dayton (OH), USA. Invited speaker*
- **Pitychoutis PM & Maroteaux L (2013)**. Serotonin receptor 2B knockout mice present schizophrenic-like behaviour. *ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe, 7-10 March, 2013, Nice, France. Invited junior speaker*
- **Pitychoutis PM, Dalla C, Sideris AC, Tsonis PA, Papadopoulou-Daifoti Z (2012)**. Serotonergic receptors' mRNA modulation by clomipramine treatment in the chronic mild stress model of depression: sexual dimorphism exposed. *Neuroscience Days 2012, Biomedical Research Foundation of the Academy of Athens, 2-3 November 2012.*
- **Pitychoutis PM (2011)**. Of depression and immunity: does sex matter? *15<sup>th</sup> Annual Meeting of the Society for Behavioral Neuroendocrinology, 22-26 June, Queretaro, Mexico. Young Investigator Award lecture*
- **Pitychoutis PM (2011)**. Sex differences in the crosstalk between the brain and the immune system in depression. *2<sup>nd</sup> National Congress of Clinical Neuropsychopharmacology, 11-13 October, Athens, Greece. Invited speaker*
- **Pitychoutis PM (2011)** Sex and individual differences in depression and antidepressant response, *INSERM-UMR 839, Institut du Fer à Moulin.*
- **Pitychoutis PM, Pallis EG, Mikail HG, Papadopoulou-Daifoti Z (2011)** Sex and Interindividual Differences in Antidepressant Response: Behavioral and Neurochemical Approaches. *Pharmacology Days 2011, Athens, Greece.*
- **Pitychoutis P.M. (2011)** Sex Differences in the neurobiology of major depression: insights into preclinical research. *Dep. of Molecular Biology & Genetics, Democritus University of Thrace, Greece. Invited speaker*
- **Pitychoutis P.M. (2011)** From DNA discovery to personalized medicine, *Lecture to "Laikon University".*

### *Selected presentations at scientific meetings*

1. Bessinis DM, Dalla C, Kokras N, **Pitychoutis PM**, Papadopoulou-Daifoti Z (2013) Environmental enrichment affects the visual system in a sex-related way. *26th Meeting of the Hellenic Neuroscience Society, 29-11/01-12 2013, Athens, Greece*
2. Nasias D, Kouskou M, Tomlinson CR, Tsonis PA, Sanoudou D, **Pitychoutis PM**, Papadopoulou-Daifoti Z (2013) The Forced Swim Test induces divergent global transcriptomic alterations in the hippocampus of high versus low novelty-seeker rats. *26th Meeting of the Hellenic Neuroscience Society, 29-11/01-12 2013, Athens, Greece*
3. Kouskou M, Nasias D, Tomlinson CR, Tsonis PA, Sanoudou D, **Pitychoutis PM**, Papadopoulou-Daifoti Z (2013) Divergent transcriptomic alterations induced by the Forced Swim Test in the hippocampus of high versus low novelty-seeker rats. *64th*

*Congress of the Hellenic Society of Biochemistry and Molecular Biology, December 6-8 2013, Athens, Greece*

4. **Pitychoutis PM** and Papadopoulou-Daifoti Z (2013). Lipopolysaccharide administration induces sex-related neurochemical effects that parallel the expression of depressive-like behavior. *COST BM0806 Final Conference - MC & WG1-4 Meeting 2013, Sounion, Athens, Greece.*
5. **Pitychoutis PM,** Maroteaux L (2013). Serotonin receptor 2B knockout mice present schizophrenic-like behaviour. *ECNP Workshop on Neuropsychopharmacology for Young Scientists in Europe, 7-10 March, 2013, Nice, France; poster presentation and invited oral presentation*
6. **Pitychoutis PM,** Dalla C., Sideris AC, Tsonis PA, Papadopoulou-Daifoti Z (2013). 5-HT<sub>1A</sub>, 5-HT<sub>2A</sub>, and 5-HT<sub>2C</sub> receptor mRNA modulation by antidepressant treatment in the chronic mild stress model of depression: sexual dimorphism exposed. *Pharmacology Days 2011, Athens, Greece.*
7. Athanasopoulos C., **Pitychoutis P.M.,** Messari I., Lionis C., Papadopoulou-Daifoti Z (2013). Sex differences in drug utilization patterns: a Greek population-based study. *Pharmacology Days 2011, Athens, Greece.*
8. **Pitychoutis PM,** Dalla C., Sideris AC, Tsonis PA, Papadopoulou-Daifoti Z (2012). Serotonergic receptors' mRNA modulation by clomipramine treatment in the chronic mild stress model of depression: sexual dimorphism exposed. *Neuroscience Days 2012, Biomedical Research Foundation of the Academy of Athens, 2-3 November 2012.*
9. Xilouri M, Rod Brekk O, Landeck N., **Pitychoutis PM,** Papisilekas T, Papadopoulou-Daifoti Z, Kirik D, Stefanis L (2012) Boosting Chaperone-mediated autophagy as a means to mitigate alpha-synuclein-mediated neurotoxicity. *Neuroscience Days 2012, Biomedical Research Foundation of the Academy of Athens, 2-3 November 2012.*
10. Pagida M., Mougias T., Dalla C., **Pitychoutis P.M.,** Malidelis Y., Kontostavlaki D., Papadopoulou-Daifoti Z., Panayotacopoulou M.. (2011) Differential reaction of the hypothalamic dopaminergic neurons of rats exposed to chronic mild stress: an experimental model of depression. *10<sup>th</sup> World Congress of Biological Psychiatry, 29 May-02 June Prague, Czech Republic.*
11. **Pitychoutis, P.M.,** Dalla C., Papadopoulou-Daifoti, Z (2011) CMS exposure induces sexually dimorphic alterations in the mRNA expression of cortical serotonin receptors. *FENS-IBRO Summer School, Development and Plasticity of Cortical Representation 05-11 June, Bertinoro, Italy.*
12. **Pitychoutis, P.M.,** Pallis, E.G., Mikail, H.G., Papadopoulou-Daifoti, Z. (2011) Individual differences in the effects of chronic antidepressant treatment: sex differences exposed. *23<sup>rd</sup> Biennial Meeting, 24 August-1 September, Athens, Greece*
13. **Pitychoutis PM** (2011). Sex differences in the crosstalk between the brain and the immune system in depression. *2<sup>nd</sup> National Congress of Clinical Neuropsychopharmacology, 11-13 October, Athens, Greece.*
14. **Pitychoutis, P.M.,** Pallis, E.G., Mikail, H.G., Papadopoulou-Daifoti, Z (2011) Sex and Interindividual Differences in antidepressant response: behavioral and neurochemical approaches. *Pharmacology Days 2011, Athens, Greece.*
15. **Pitychoutis, P.M.,** Sanoudou, D., Kyriakides, I., Laspa, M., Tomlinson C.R., Tsonis P.A., Papadopoulou-Daifoti Z (2011). Effects of FST exposure in rats selected for their

- high novelty seeking behaviour: Screening for gene expression in the hippocampus. *Pharmacology Days 2011, Athens, Greece. **Poster Award***
16. Xilouri, M., Kyratzi, E., **Pitychoutis, P.M.**, Papadopoulou-Daifoti, Z., Vila, M., Maniati, M., Ulusoy, A., Kirik, D., Park, D., Wada K., Stefanis, L. (2011) Selective neuroprotective effects of the S18Y polymorphic variant of UCH-L1 in the dopaminergic system. *Biomedical Research Foundation of the Academy of Athens (BRFAA) Workshop 24-25 June 2011, Athens, Greece.*
  17. Argyrothalamidou, M., Sotiriou, E., Maniati, M. Papapanagiotou, I., Spathis, A.D., Ziavra, D., Manousaki, M., Droggiti, A., Papadopoulou-Daifoti, Z. **Pitychoutis, P.M.**, Psarras, S., Stefanis L., Vassilatis D.K. (2011) Synergism of Nurr1 and alpha-synuclein in age related dopaminergic pathology in mice. *Biomedical Research Foundation of the Academy of Athens (BRFAA) Workshop 24-25 June 2011, Athens, Greece.*
  18. Dalla, C., **Pitychoutis, P.M.**, Papadopoulou-Daifoti, Z (2010). Sex differences in animal models of depression: focus on behavioural and neurochemical manifestations. *16<sup>th</sup> World Congress on Basic and Clinical Pharmacology, Copenhagen, Denmark*
  19. **Pitychoutis, P.M.**, Sanoudou, D., Kyriakides, I., Laspa, M., Tomlinson C.R., Tsonis P.A., Papadopoulou-Daifoti Z (2010). Effects of FST exposure in rats selected for their high novelty seeking behaviour: Screening for gene expression in the hippocampus. *XVIIIth World Congress on Psychiatric Genetics, 3-7 October, Athens, Greece.*
  20. Margetis, K., Korfias, S., Boutos, N., Papageorgiou, G., Bramos, D., Koutras, K., Sideris, A., Bonakis, A., **Pitychoutis, P.M.**, Papadopoulou-Daifoti, Z., Dede, E., Loufardaki, M., Gatzonis, S., Stranjalis, G., Boviatsis, E., Sakas, D.E. (2010). Intrathecal baclofen infusion: a tool for the study of GABA- $\beta$  receptors. *XIX Congress of the European Society for Stereotactic and Functional Neurosurgery, 22-25 September, Athens, Greece.*
  21. Bessinis, D.P., Dalla, C., **Pitychoutis, P.M.**, Tiligada, A., Papadopoulou-Daifoti, Z. (2010) Sex differences in the influence of environmental enrichment in the developing visual system. *Neuroscience Days 2010 (HSFN), Athens, Greece.*
  22. **Pitychoutis, P.M.**, Dalla, C., Papadopoulou-Daifoti, Z (2010). Neurobiological insights into the chronic mild stress (CMS) model of depression: Sex differences in serotonergic neurotransmission. *6<sup>th</sup> Annual Meeting of the Greek Society of Pharmacology, Crete, Greece.*
  23. Papandreou M.E., **Pitychoutis P.M.**, Tsonis P.A., Tomlinson C.R., Sanoudou D., Papadopoulou-Daifoti (2010) Molecular signatures of stress response in “novelty seeker” rats. *Greek Society of Bioscientists Conference, Academy of Athens, Athens, Greece.*
  24. Dalla, C., **Pitychoutis, P.M.**, Kokras, N., Papadopoulou-Daifoti, Z (2009). Sex differences in the neurobiological substrate of depression and in antidepressant response, *Cost Action B25, “Physiologically based Pharmacokinetics and Dynamics”, Athens, Greece.*
  25. **Pitychoutis, P.M.**, Nakamura, K., Tsonis, P.A., Papadopoulou-Daifoti Z (2009). Neurochemical and behavioral alterations in an inflammatory model of depression: sex differences exposed! *Vth Biennial International Neuroscience Graduate Summer School (BINGSS), Izmir, Turkey.*
  26. Sotiropoulos, I., Kokras, N., **Pitychoutis, P.M.**, Almeida, O.F.X., Papadopoulou-Daifoti, Z (2009). Anxiety profile and arginine vasopressin receptor 1B (Avpr1b) expression in



- male and female flinders rats after chronic antidepressant treatment. 22<sup>nd</sup> ECNP Congress, 12-16 September 2009, Istanbul, Turkey; *The Journal of the European College of Neuropsychopharmacology* 19 (S4): S436.
27. **Pitychoutis, P.M.**, Sanoudou, D., Kyriakides, I., Laspa, M., Tsonis, P.A., Tomlinson, C., Papadopoulou-Daifoti, Z (2009). Molecular signatures of stress response in “novelty-seeker” rats. 60<sup>th</sup> Conference for Molecular Biology & Biochemistry, Athens, Greece.
  28. Zampeli, E., **Pitychoutis, P.M.**, Papadopoulou-Daifoti, Z., Tiligada, E (2008). Systemic challenge with lipopolysaccharide induces histamine levels in the rat conjunctiva and cartilage but not in the hypothalamus. *European Histamine Research Society, XXXVIth Meeting, Stocholm, Sweden.*
  29. **Pitychoutis, P.M.**, Nakamura, K., Tsonis, P.A., Papadopoulou-Daifoti Z (2008). Neurochemical alterations following acute immune stimulation: A male versus female study. 5<sup>th</sup> Annual Meeting of the Greek Society of Pharmacology, Athens, Greece; *Review of Clinical Pharmacology and Pharmacokinetics, International Edition* 22 (2), pp. 295
  30. **Pitychoutis, P.M.**, Nakamura, K., Tsonis, P.A., Papadopoulou-Daifoti Z (2008). Sexual dimorphism in lipopolysaccharide-induced sickness; neurochemical and behavioural correlates. 22<sup>nd</sup> Conference of the Hellenic Society for Neurosciences (HSFN), Athens, Greece.
  31. Griva, I., Kokras, N., **Pitychoutis, P.**, Sideris, A., Papadopoulou-Daifoti, Z (2007). The aging brain in a rat model of depression: preliminary findings expose strain and sexual dimorphism, *EBPS, Tübingen, Germany; Behavioural Pharmacology* 18: S21-S21.
  32. Sideris, A., **Pitychoutis, P.**, Griva, I., Kokras, N., Messari, I., Carageorgiou H., Papadopoulou-Daifoti, Z (2007). Sex differences in Cadmium toxicity: behavioural and neurochemical approach, *EBPS, Tübingen, Germany; Behavioural Pharmacology* 18: S54-S54.
  33. Sideris, A.C., **Pitychoutis, P.**, Griva, E., Kokras, N., Messari, I., Carageorgiou, H., Papadopoulou-Daifoti, Z (2007). Sex differences in behavioural and neurochemical responses following cadmium exposure. 8<sup>th</sup> Meeting on Days of Pharmacology, Athens, Greece; *Epitheorese Klinikes Farmakologias kai Farmakokinetikes* 25 (1), pp. 105-107

## Professional Memberships

Society for Neuroscience (**SfN**); Hellenic Society for Neurosciences (**HSFN**); European College of Neuropsychopharmacology (**ECNP**); International Brain Research Organization (**IBRO**); Federation of European Neuroscience Societies (**FENS**); Society for Behavioral Neuroendocrinology (**SBN**); Greek Society of Pharmacology (**GSP**); European Histamine Research Society (**EHRS**); Hellenic Society of Bioscientists (**PEV**)

## Ad hoc Reviewer for SCI journals

*Cellular & Molecular Neurobiology; Behavioral Brain Research; Physiology and Behavior; Behavioral Pharmacology; Pharmacology Biochemistry & Behavior; Life Sciences; Journal of Microbiology Research & Reviews; Cardiovascular Research; Neuroendocrinology; Expert Opinion in Drug Metabolism and Toxicology; Journal of Substance Abuse and Rehabilitation*