

Curriculum Vitae Prof. Z. Papadopoulou-Daifoti



Full Name: Zeta Papadopoulou-Daifoti

Academic status:
Emeritus Professor and Director of the Department of Pharmacology, Medical School, National and Kapodistrian University of Athens, Director of the Department of Basic Medical Sciences, since 2012.

Education

1. Degree in Pharmacy
2. Doctor of Pharmaceutical Chemistry and Pharmacology, PhD
3. Dissertation in Pharmacology
4. Postgraduate Studies in Pharmaceutical Analysis and Pharmacology (Geneve, Switzerland)
5. Invited scientist in the Department of Neurochemistry, Max Planck Institute Gottingen, Germany
6. Visiting Scientist in the Department of Pharmacology, Karolinska Institute, Stockholm, Sweden.

Professional Affiliations

Appointed Research Assistant, Elected Educator

Elected Assistant Professor

Elected Associate Professor

Elected Full Professor

Director of the Department of Pharmacology, Medical School, University of Athens

Member of the Scientific Committee of the 1st National Formulary

Assessor of the Pharmacotoxicological part of medicinal Products Dossier for the National Drug Organisation

Assessor of the Pharmacotoxicological part of medicinal Products Dossier for EMA

President of the Drug Reimbursement List (Ministry of Health-EOF-1998-2004)

Advisory Board of the School of Medicine

Member of the General Assembly of the School of Medicine

Member of the Committee for Medical Education

Advisory board of Women Professors Association

Awards-Distinctions and Achievements

- ✓ Two Greek Academy Awards
- ✓ Scholar of the European Training Programme (Brain&Behavior), Arrhenius Lab., Stockholm, Sweden
- ✓ One Horemion Award

- ✓ One Embirikion Award
- ✓ Other Distinctions in Scientific Congresses
- ✓ Member of the Greek L' ORÉAL- UNESCO award committee for Women in Science

Memberships

1. V. President and founder member of the Hellenic Society of Pharmacology
2. V. President of Medicinal Chemistry Society
3. Founder Member of the Hellenic Society for Neurosciences
4. European Neuroscience Association (**ENA**),
5. European Behavioural Pharmacology Society (**EBPS**),
6. International Brain Research Organization (**IBRO**),
7. International Union of Pharmacology (**IUPHAR**)
8. European Union of Pharmacology, (**EPHAR**)
9. **Honorary editor** of the Journal of Exp. Pharmacology, Dove Medical Press

Research Experience

Basic Research in Psychopharmacology, Neuroscience-Molecular Pharmacology, Screening of new drugs acting on CNS, Sex differences in disease and in drug response, Drugs of Abuse

Teaching Experience

- ✓ Thirty five years teaching of Pharmacology (undergraduate and postgraduate level, in School of Medicine, Pharmacy, Dentistry), Psychopharmacology and Neuroscience, Molecular Pharmacology, Lecturer in multidisciplinary courses related to Neuropsychopharmacology, Pharmacology and Gender Studies
- ✓ More than 60 Pre-doctoral and Post-doctoral Trainees

Recent Grant Support as Principal Investigator or Co-Principal Investigator

- “Investigation of the nucleus accumbens- amygdala circuit in abusive behaviors” Ebeirikio Inst.2001, 5.000 €.
- “Behavioral study of caffeine administration and selective adenosine blockers in rats” NIDA/NIH, 70/3/6259, 2002, ~30.000 €.
- “Synthesis of new cannabinoid analogues with potential analgesic and psychotropic action, but no abusive properties” EPAN, YB 60, 2004, 200.000 €.
- “Sexual dimorphism in depression and antidepressant response: morphological, neurochemical and pharmacokinetic analyses” IKYDA, 2004 -2005-2007”, 10.000 €.
- In vivo Imaging of Brain 5-HT1A receptors in the rat brain with Oxotechnitium Ligands” PENED, 2003, 01EΔ82, GSRT, KA: 70/3/2825, 2003-2006, ~20.000 €.
- “Signal transduction mechanisms in differentiating neural cells”, Irakleitos, EPEAEK II, 7152, 2004, 33.000 €.
- “Investigation of antidepressant and abusive action of somatostatin: new therapeutic indications of somatostatin analogues” Pythagoras II, EPEAEK II, KA:70/3/7951,2006, 35.000 €
- “The role of CB1 cannabinoid receptors in behavioral, neurochemical and molecular actions of drugs of abuse. Potential role in therapeutic approaches for abuse” PENED, 2003, 01EΔ82, GSRT, KA: 70/3/8541, 2005-2009, 120.000 €.
- “Neurogenesis in the female Brain”, Marie Curie Outgoing Fellowship, EU, FP6-2005/039087, 2007-2010, 213.305 €

Patents

Vamvakides.A; Colokouris, N; Foskolos, G; **Papadopoulou- Daifoti, Z**; Pouli, N, (1997) «Tetrahydro-N, N-dimethyl-3-furamethathanamine as anticonvulsant and nootropic agents» **Chemical Abstracts** Vol.127, No.18.p.641 (**Int. Appl. Wo 97 30,983**)

Invited peer-reviewer

For several neuroscience, pharmacology and general journals, including International Journal of Clinical Research, Neuroscience Research, Pharmacology Biochemistry and Behavior, Current Signal Transduction Therapy, Life Sciences, Stress, Pharmacological Research, European Journal of Neuroscience and for several national and international funding agencies, including Netherlands Organization for Research, National Science Foundation, National Institute of Health, National Research Council /Ministry for Education, University and Research

Organisation of conferences

More than 30 Greek conferences (member of the programme committee) and member of the steering committee in the 5th and 6th International Congress of Neuropsychiatry, 1st and 2nd Mediterranean Regional Congress of the World Federation of Societies of Biological Psychiatry - A dual congress, psychiatry and neurosciences.

Books and chapters

- C. Dalla, P. M. Pitychoutis, N. Kokras and Z. Papadopoulou-Daifoti. “Sex differences in response to stress and expression of depressive-like behaviours in the rat.”, In: Current Topics in Behavioral Neurosciences (CTBN), The Biological basis of sex differences in Psychopharmacology, Jo Neill and Jayashri Kulkarni, Eds. Springer, 2011;8:97-118.
- Coordination of the Greek translation of the book “Basic and Clinical Pharmacology”, B. G. Katzung.
- Greek translation of the book “Neuroscience-the sciences of the brain”, British Neuroscience Association and European Dana Alliance for the Brain.
- Authorship or Greek translation of several pharmacology or neuroscience Greek chapters/books.

Publications

More than 150 scientific publications in International and National Journals, more than 200 scientific announcements in International and National congresses, invited speaker in scientific conferences, academic institutions, professional associations and schools focusing in different areas from strictly scientific to social and political issues related to medicines, sex differences in disease, and drugs of abuse.

1. Kioukia-Fougia, N., Antoniou, K., Bekris, S., Liapi, C., Christofidis, I., **Papadopoulou-Daifoti, Z.** The effects of stress exposure on the hypothalamic-pituitary-adrenal axis, thymus, thyroid hormones and glucose levels *Progress in Neuro-Psychopharmacology and Biological Psychiatry* ,Volume 26, Issue 5, June 2002, Pages 823-830. **Citations: 44.**
2. Drossopoulou, G , Antoniou, K, Kitraki, E. , Papathanasiou, G. , Papalexi, E., Dalla, C., Papadopoulou-Daifoti, Z. Sex differences in behavioral, neurochemical and neuroendocrine effects induced by the forced swim test in rats *Neuroscience* Volume 126, Issue 4, 2004, Pages 849-857. **Citations: 39.**

3. Bekris, S., Antoniou, K., Daskas, S., Papadopoulou-Daifoti, Z. Behavioural and neurochemical effects induced by chronic mild stress applied to two different rat strains *Behavioural Brain Research*, 161, 1, 3, 2005, 4-59. **Citations: 66.**
4. Dalla, C., Antoniou, K., Drossopoulou, G., Xagoraris, M., Kokras, N., Sfikakis, A., Papadopoulou-Daifoti, Z. Chronic mild stress impact: Are females more vulnerable? *Neuroscience* 135, Issue 3, 2005, Pages 703-714. **Citations: 53.**
5. C. A. Cornil, C. Dalla, **Z. Papadopoulou-Daifoti**, M. Baillien and J. Balthazart “Estradiol rapidly activates male sexual behavior and affects brain monoamine levels in the quail brain” *Behav Brain Res.* 166(1):110-23. **Citations: 29.**
6. Cornil CA, Dalla C, **Papadopoulou-Daifoti Z**, Baillien M, Dejace C, Ball GF, Balthazart J “Rapid decreases in preoptic aromatase activity and brain monoamine concentrations after engaging in male sexual behavior.”(2005), *Endocrinology.* Sep;146 (9):3809-20. **Citations: 33.**
7. K. Antoniou, **Z. Papadopoulou-Daifoti**, T. Hyphantis, G. Papathanasiou, E. Bekris, M. Marselos, L. Panlilio, C. E. Müller, S. R. Goldberg and S. Ferré “A detailed behavioral analysis of the acute motor effects of caffeine in the rat: involvement of adenosine A1 and A2A receptors.”(2005) *Psychopharmacology (Berl).* Dec;183(2):154-62. **Citations: 29.**
8. C. Dalla, K. Antoniou, **Z. Papadopoulou-Daifoti**, J. Balthazart and J. Bakker “Estrogen-deficient female aromatase knockout (ArKO) mice exhibit “depressive-like” symptomatology”(2004). *Eur J Neurosci*; 20(1):217-28. **Citations: 35.**
9. Zoidis G, Papanastasiou I, Dotsikas I, Sandoval A, Dos Santos RG, **Papadopoulou-Daifoti Z**, Vamvakides A, Kolocouris N, Felix R. “The novel GABA adamantane derivative (AdGABA): design, synthesis, and activity relationship with gabapentin.”(2005). *Bioorg Med Chem.* Apr 15;13(8):2791-8. **Citations: 18.**
10. K. Antoniou, E. Kafetzopoulos, **Z. Papadopoulou-Daifoti**, T. Hyphantis, M. Marselos (1998). “D-amphetamine, cocaine and caffeine: a comparative study of acute effects on locomotor activity and behavioural patterns in rats” *Neuroscience and Biobehavioural Reviews* 23,189-196. **Citations: 54.**