

Curriculum Vitae Christina Dalla



Current affiliation: Assistant Professor of Psychopharmacology, Dep. of Pharmacology, Medical School, National and Kapodistrian University of Athens, Greece, since 2013.

Previous affiliations

2009-2013: Lecturer at the Dep. of Pharmacology, Medical School, National and Kapodistrian University of Athens, Greece.

2008-2009: Post-doctoral fellow at the Dep. of Pharmacology, Medical School, National and Kapodistrian University of Athens, Greece. Return phase of the Marie Curie Outgoing Fellowship, FP6/EU.

2005- 2008: Post-doctoral fellow at the Department of Psychology and Center of Neurosciences, Rutgers University, New Brunswick, New Jersey, USA. Participation in NIH research grants and Outgoing phase of the Marie Curie Outgoing Fellowship, FP6/EU.

2000- 2001 and 2003-2005: PhD student at the Dep. of Pharmacology in the Medical School, University of Athens, Greece, in collaboration with the Institute of Radiosotopes, Radiodiagnostic Products and Institute of Material Science, NSCR “Demokritos”, Athens, Greece.

2001- 2002: Marie Curie fellow - PhD student at the Behavioral Neuroendocrinology, University of Liege, part of EURON, Belgium.

Teaching activity

- 2007, International Certificate of Teaching, Rutgers University, New Jersey, USA.
- 2010: Seminar on Educational techniques for health professional (based on WHO’s seminar material), University of Athens, Greece.
- Responsible faculty member for the Pharmacology undergraduate course (~300 students) at the Medical School, National and Kapodistrian University of Athens, Greece, since 2013.
- Responsible faculty member for the undergraduate course “Addiction” at the Medical School, National and Kapodistrian University of Athens, since 2013.
- Teaching of several Psychopharmacology courses at the Medical, Dentistry, Midwifery and Nursery Schools, University of Athens, since 2009.
- Responsible faculty member for the “Neuropsychopharmacology” course for the MSc programs “Molecular Medicine/ Neurobiology” (2012-2015) and “Neurosciences” (2017), National and Kapodistrian University of Athens, 2012-2015.
- Teaching of several Master courses in the MSc programs of Psychiatry, Molecular Medicine, Clinical Pharmacy, Pneumology, Cardiology and Physiology, National and Kapodistrian University of Athens, since 2008.
- Teaching Lectures “Animal models of behaviour” at the Master program of the Technological Educational Institute of Athens, Department of Electronics, since 2015.
- Supervision of research projects for 2 post-docs, 5 PhD students (one IBRO awardee), 4 MSc students and 12 undergraduate students. Member of more than 15 exam committees for PhD and MSc students in Medicine, Pharmacology and Neurosciences.
- Supervision and training of 3 international fellows from the University of Minho in Portugal, the Slovak Academy of Sciences and the University of Porto, Brazil, 2012-2016.
- Invited lectures at Bochum University, Univ. of Hamburg in Germany, University of Crete and the ICVS, Univ. of Minho in Portugal.

Awards, Fellowships and Grants

- **Hellenic State Scholarship Foundation (IKY):** Scholarships for pre-graduate studies in Pharmacy (1997- 1999),
- **Hellenic Union of Pharmaceutical Industries:** Award for the overall graduation grade in 2000.
- **Marie Curie fellowship from European Union:** Training for one year in EURON, Belgium, 2001-2002.
- **Marie Curie Outgoing Individual Fellowship** within the EU FP6 program for post-doctoral studies at Rutgers University of New Jersey and Medical School of Athens, Greece, 2007- 2010.
- **Society for Behavioral Neuroendocrinology:** Young Investigator award, 12th Sbn meeting, 2008.
- **L’Oreal-Unesco:** award for young “Women in Sciences” in Greece, 2008.
- **Visiting scientist** at the ICVS, School of Health Sciences at the University of Minho in Portugal, under the bilateral educational program between Greece and Portugal, funded by the Greek Ministry of Education, Sep. 2011.

- **Co-Investigator** at the grant entitled “Development and Screening of Novel beta Amyloid Peptide Inhibitors for Alzheimer’s Disease (TREAT--AD)”, National action “Large Scale Cooperation Projects”, funded by the General Secretariat of Research and Technology, Greek Ministry of Development, 2012—2015.
- **Co-Investigator** at the grant entitled “Fish oil replacement in aquafeeds for seabream and seabass with alternative lipid sources” (FORIA), Cooperation grant co-funded by the Greek General Secretariat of Research and Technology and European Union, 2013- 2015.
- **Scientist in charge** at the research grant “Novel mechanisms of stress-induced mood and cognitive impairments- the road from depression to Alzheimer’s disease”, funded by the General Secretariat of Research and Technology, Greek Ministry of Education, 2012-2015.
- **Scientist in charge** at the IKYDA 2015-2016 programme for the promotion of the exchange and scientific cooperation between Greece and Germany, entitled “Depression: Can a cancer drug be used for rapid antidepressant treatment?”.
- **International Brain Research Organization:** short stay award to a PhD student (V. Kafetzopoulos, 2013) and travel award at a post-doctoral fellow (Dr. N. Kokras, 2016).
- **European College of Neuropsychopharmacology award:** ECNP fellowship award for young researchers, 2015.
- **State Scholarship foundation (IKY):** Scientist in charge for a post-doctoral researcher (Siemens Program) (Dr. N. Kokras 2016).

Membership in scientific societies

- General Secretary and President-elect (2015-2017), Treasurer (2013-2015) of the Hellenic Society for Neurosciences.
- Founding member and Treasurer of the Institute of Biology and Medicine of Stress (President: Prof. G. P. Chrousos), since 2015.
- Member of the European College of Neuropsychopharmacology (ECNP), since 2013 and Member of the European College of Neuropsychopharmacology (ECNP) Preclinical Data Network Forum for the exchange of research data and practices, since 2015.
- Member of the European Neuroscience Association/FENS.
- Member of the Society for Neuroscience/ Sfn.
- Member of the Mediterranean Neuroscience Society /MNS.
- Member of the Society for Behavioral Neuroendocrinology/ SBN.
- Member of the Organization for the study of Sex differences /OSSD.
- Member of the European Behavioral Pharmacology Society/ EBPS.
- Member of the Greek Society of Pharmacology.
- Member of the Greek Society of Women in Academia/ ELEGYP.

Member of editorial boards and reviewer assignments

- Member of the Review Editorial board: *Frontiers in Psychopharmacology*, *Frontiers in Beh. Pharmacology*
- Reviewer for *Physiology and Behavior*, *Eur. Neuropsychopharmacology*, *Brain Research*, *BMC Neurosciences*, *Stress*, *Pharmacol. Biochemistry & Behavior*, *Behavioral and Brain Functions*, *J. of Neuroendocrinology*, *Int. Journal of Neuropsychopharmacology*, *Neuropharmacology*, *Neuropsychopharmacology*, *Mol. Psychiatry*, *Biol. Letters*, *Frontiers in Neuroendocrinology*.
- Expert for the evaluation of research grants for the Innovative Medicine Initiative (IMI)/European Union with EFPIA actions (2015-2016 review panels and remotely), COST/ European Union actions (remotely 2013-2014), the Polish National Science Center (remotely 2015), the Irish “Health Research Board” and the General Secretariat of Research and Development of the Greek Ministry of Education (remotely 2013-2016).
- External evaluator/committee member at the National Organization for Medicines (EOF) in Greece, since 2016.

Selected invited or upon selection lectures

- “Learning enhances neurogenesis in the female brain.”, *37th Sfn meeting, San Diego, USA, 2007*.
- “Learning increases neurogenesis in the female hippocampus”. *12th Annual meeting of the Society for Behavioral Neuroendocrinology, Holland, 2008. Young Investigator award.*
- “Associative learning increases the survival of new cells in the male and female hippocampus” *XXIX International Congress of Psychology, Berlin, Germany, 2008*.
- “Sex differences in animal models of depression: focus on behavioral and neurochemical manifestations” *16th World Congress of Basic Clinical Pharmacology, Copenhagen, 2010*.

- “Sex differences in animal models of depression”, 15th meeting of the Society for Beh. Neuroendocrinology, Mexico, 2011.
- “Sex differences in depression and antidepressant response”, 2nd meeting of the Society of clinical Neuropsychopharmacology, Athens, 2011.
- “Sex differences in animal models of depression”, 16th meeting, Hellenic Society for Neurosciences, Patras, 2011.
- “Neurogenesis in the hippocampus: its role in behavior and psychopharmacology”. Neurobiology and Children’s Psychiatry meeting, Athens, 2012.
- “Sex differences in the forced swim test of antidepressant activity: effects of gonadal- and brain- derived estrogens”, Society for Neuroscience Annual meeting, New Orleans, USA, 2012.
- “Blockade of neuroestrogens enhances depressive behavior of female, but not male rats in the forced swim test” 7th International meetings of Steroids and Nervous System, Torino, Italy, 2013.
- “Animal models of depression: how are females different?” International Behavioral Neuroscience Society, Dublin, Ireland, June 2013. Online posting: <http://www.youtube.com/watch?v=8VSbEYqu8lo>
- “Pharmacogenetics in Psychiatry”, 2nd Conference of the College for education, research, prolepsis and therapy of psychiatric disorders, Athens, Greece, October 2013.
- “Neuroplasticity modulation: effects of stress, gender and antidepressants” 8th Biannual meeting of the Hellenic Society for Clinical and Basic Pharmacology, Athens, May 2014.
- “Antidepressant potential of subacute aromatase inhibition” 8th International Conference on Hormones, Brain and Behavior, Liege, Belgium, 2014.
- “Psychotropic effects of aromatase inhibitors: preclinical and clinical data”, Hormones and cancer meeting, Athens, Greece, 2014.
- “Gender and Psychopharmacology”, 3^d Conference of the College for education, research, prolepsis and therapy of psychiatric disorders, Larissa, Greece, October 2014.
- “Sex differences in models of depression: is it all about serotonin?”, Mediterranean Neuroscience meeting, Sardinia, 2015.
- “Sex Differences in the Behavioral Effects of Natural Compounds on a Transgenic Alzheimer’s Mouse Model”, Workshop on Natural Products and Neurodegenerative Diseases, Athens, Greece, 2015.
- “Pharmacological screening of psychotropic drugs”, Hellenic Society of Pharmacists, Athens, Greece, 2015.
- “Sex differences in depression, stress and environmental enrichment: links to neurodegeneration”, FFRM, FENS Regional meeting, Thessaloniki, 2015.
- “Sex differences in stress response: clinical and preclinical data”, Institute of Biology and Medicine of Stress, Athens, 2015.
- “Sex differences in depression and antidepressant response: preclinical and clinical data”, 2nd International Congress of Controlled Release Society – Greek Local Chapter, Athens, Greece, 2016.
- “Neuroplasticity modulation: effects of stress, gender and antidepressants”, 16th Annual Meeting of the International College of Geriatric Psychoneuropharmacology & 5th International Congress on Psychiatric and the Neurosciences Athens, Greece, 2016.
- “Sex differences in pharmacotherapy”, 3^d Conference of the College for education, research, prolepsis and therapy of psychiatric disorders, Athens, Greece, 2016.

Organizational activities

- Member of the Organizing Committee and the Award’s Committee at the Hellenic Society for Neuroscience meetings in 2012 and 2013. Organization of an ECNP-supported talk in Athens.
- Co-chair of the organizing committee, as well as presenter at the workshop entitled: “Leadership skills in academic science” for Greek Women in Academia at the Medical School of Athens, 2015.
- Member of the organizing committee of the 1st meeting of the Institute of Biology and Medicine of Stress, Athens, 2015.
- Member of the organizing committee of the 2nd World Congress of Early Career Psychiatrist’s, World Association of Psychiatry, Athens, 2016.
- Co-organization of five clinical workshops on Psychopharmacology at scientific meetings in Greece, 2015-2016.
- Co-organization, as well as chair and presenter at a clinical workshop on “Antipsychotics”, sponsored by Janssen-Cilag Pharmaceuticals, in Athens, 2015.
- Member of the Organizing committee of three lecture series at the Dep. of Pharmacology, Medical School of Athens.

- Organization and Chair at the symposium “Female vulnerability to depression: From molecules to behavior”, International Behavioral Neuroscience Society, Dublin, Ireland, June 2013.
- Chair at six scientific symposiums in Greek Meetings, 2010-2016.
- Member of the Organizing committee for the “Brain Awareness week” in Athens from 2011 to 2014.
- Organization of the Scientific café “Sex differences in Psychopharmacology” at the Athens Science Festival, 2014.

Public activities and knowledge transfer

- Member of the European DANA alliance for the brain (EDAB), since 2012. Frequent contributions at member’s newsletter.
- Six talks for the lay public in Athens, upon invitation, at the Eugenides Foundation, the Shantom Center, the Athens Science Festival and the Megaron Plus, as part of the Brain Awareness week, 2008-2016. Topics covered: adult neurogenesis, sex differences in depression and antidepressant drugs. For example: <http://www.blod.gr/lectures/Pages/viewlecture.aspx?LectureID=2657#>
- Two school talks on neurosciences, as part of the Brain Awareness week, 2009 and 2015.
- Editing of the Greek translation of the book “The Biology of Homosexuality” for the lay public, Crete University Press, 2016.
- Greek translation and editing of the Society for Neuroscience booklet for the lay public: “Core Concepts in Neurosciences”.
- Commentary and book chapter, upon invitation, on Prof. Melissa Hines’ talk “Your brain has a gender?” at the Gulbenkian Health Forum “Brain.org”, organized in Lisbon, Portugal for the lay public in October 2012.
- Commentaries in several Greek newspaper and magazine articles on neuroscience and psychopharmacology topics. For example: <http://www.tovima.gr/science/article/?aid=258367>; <http://www.vita.gr/news/article/30607/arsenikos-kai-thhlykos-egkefalos/>
- More than ten press releases and reportages following the L’Oreal-Unesco award in 2008.
- Participation as invited guest in two TV shows and three Greek radio programs, 2008-2010.
- Contribution at the Hellenic Ministry of Education web site for excellence: <http://excellence.minedu.gov.gr/listing/133-depression>
- Coverage of my PNAS 2009 paper at the American newspapers “Philly inquirer” and “Daily Targum”.
- Abstract contributions in Society for Neurosciences meeting press books in 2006 and 2007.

Other activities

Development of a behavioral scoring software program and appropriate infrastructure/hardware at the Dep. of Pharmacology, Medical School of Athens, in collaboration with software developers and engineers.

Scientific production

Scientific papers: 42 (40 in PubMed), Citations: 1850, h-index = 24 (Source: Google Scholar), Conference abstracts >100.

Research papers

1. V. Kafetzopoulos, N. Kokras, J.F. Oliveira, I. Sotiropoulos, H. Leite-Almeida, A. Vassalou, V. M. Sardinha, O. F. X. Almeida, Z. Papadopoulou-Daifoti, K. Antoniou, N. Sousa and **C. Dalla** “The nucleus reuniens: a key node in the neurocircuitry of depression”. *Molecular Psychiatry*, under revision.
2. Kokras N, **Dalla C**. Preclinical Sex Differences in Depression and Antidepressant Response: Implications for Clinical Research, *J. Neuroscience Research* 2016, in press. *Invited Review. Special Issue on Sex Differences*.
3. S. Lopes, J. Vaz-Silva, V. Pinto, **C. Dalla**, N. Kokras, B. T. Bedenk, N. Mack, M. Czisch, O. F. X. Almeida, N. Sousa, I. Sotiropoulos “Tau protein is essential for stress-induced brain pathology”. *PNAS*, 2016, 28;113(26):E3755-63.
4. N. Kokras, A. Polissidis, K. Antoniou and **C. Dalla**, “Head shaking in the rat forced swim test of antidepressant activity: a robust but unexplored sex difference”. *Pharmacology Biochemistry & Behavior*, 2016 May 13. pii: S0091-3057(16)30097-1, *Special Issue on Sex Differences*.
5. Gemmel M, Rayen I, Lotus T, van Donkelaar E, Steinbusch HW, De Lacalle S, Kokras N, Dalla C, Pawluski JL. Developmental fluoxetine and prenatal stress effects on serotonin, dopamine, and synaptophysin density in the PFC and hippocampus of offspring at weaning. *Dev Psychobiol*. 2016;58(3):315-27.
6. Gemmel M, Rayen I, van Donkelaar E, Loftus T, Steinbusch HW, Kokras N, Dalla C, Pawluski JL. Gestational stress and fluoxetine treatment differentially affect plasticity, methylation and serotonin levels in the PFC and hippocampus of rat dams. *Neuroscience*. 2016 7;327:32-43.
7. Morgado P, Marques F, Ribeiro B, Leite-Almeida H, Pêgo JM, Rodrigues AJ, **Dalla C**, Kokras N, Sousa N, Cerqueira JJ.

- (2015) "Stress induced risk-aversion is reverted by D2/D3 agonist in the rat." *Eur Neuropsychopharmacol.* 25(10):1744-52.
8. Melo A, Kokras N, **Dalla C**, Ferreira C, Ventura-Silva AP, Sousa N, Pêgo JM. (2015) "The positive effect of ketamine as a priming adjuvant in antidepressant treatment." *Transl Psychiatry*, 26;5:e573.
 9. N. Kokras, K. Antoniou, H. G. Mikail, V. Kafetzopoulos, Z. Papadopoulou-Daifoti and **C. Dalla**. (2015), "Forced swim test: what about females?", *Neuropharmacology*, 99:408-421.
 10. N. Kokras and **C. Dalla** (2014) "Sex differences in animal models of psychiatric disorders". *British Journal of Pharmacology*. 171(20):4595-619. *Invited Review*.
 11. N. Kokras, N. Pastromas, T. H. Porto, V. Kafetzopoulos, T. Mavridis and **C. Dalla**. (2014) "Acute but not sustained aromatase inhibition displays antidepressant properties", *International Journal of Neuropsychopharmacology*, 17(8):1307-13.
 12. A. Batzina, D. Kalogiannis, **C. Dalla**, Z. Papadopoulou-Daifoti, S. Chadio, N. Karakatsouli. (2014) "Blue substrate modifies the time course of stress response in gilthead seabream *Sparus aurata*", *Aquaculture*, 420–421, 15, 247–253.
 13. P. M. Pitychoutis, N. Kokras, D. Sanoudou, **C. Dalla**, Z. Papadopoulou-Daifoti (2013) "Pharmacogenetic considerations for late-life depression therapy". *Expert Opinion on Drug Metabolism and Toxicology*, 9(8):989-99. *Invited Review*.
 14. A. Batzina A, **C. Dalla**, Z. Papadopoulou-Daifoti, N. Karakatsouli. (2013) "Effects of environmental enrichment on growth, aggressive behaviour and brain monoamines of gilthead seabream *Sparus aurata* reared under different social conditions." *Comp Biochem Physiol A Mol Integr Physiol.* 8;169C:25-32.
 15. Novais A, Ferreira AC, Marques F, Pêgo JM, Cerqueira JJ, David-Pereira A, Campos FL, **Dalla C**, Kokras N, Sousa N, Palha JA, Sousa JC. (2013) "Neudesin is involved in anxiety behavior: structural and neurochemical correlates. *Front Behav Neurosci.*" 9;7:119.
 16. Bessinis DP, **Dalla C**, Kokras N, Pitychoutis PM, Papadopoulou-Daifoti Z. (2013) "Sex-dependent neurochemical effects of environmental enrichment in the visual system." *Neuroscience.* 19;254:130-40.
 17. C. Kyratsas, **C. Dalla**, E. Anderzhanova, A. Polissidis, N. Kokras, K. Konstantinides, Z. Papadopoulou-Daifoti. (2013) "Experimental evidence for sildenafil's action in the central nervous system: dopamine and serotonin changes in the medial preoptic area and nucleus accumbens during sexual arousal." *Journal of Sexual Medicine*, 10(3):719-29. *Highlighted in Nature Reviews Urology*.
 18. D.P. Bessinis, **C. Dalla**, Z. Papadopoulou- Daifoti, E. Tiligada (2012) Histamine involvement in visual development and adaptation. *Invest Ophthalmol Vis Sci* 53:7498-503.
 19. H. G. Mikail^{1*}, **C. Dalla**^{*}, N. Kokras, V. Kafetzopoulos and Z. Papadopoulou-Daifoti (2012) "Sertraline behavioral response associates closer and dose-dependently with cortical rather than hippocampal serotonergic activity in the rat forced swim stress." *Physiology & Behavior*, 10; 107(2):201-6. **equal first authorship*.
 20. P.M. Pitychoutis, **C. Dalla**, A.C. Sideris, P.A. Tsonis, Z. Papadopoulou-Daifoti (2012) "5-HT(1A), 5-HT(2A), and 5-HT(2C) receptor mRNA modulation by antidepressant treatment in the chronic mild stress model of depression: sex differences exposed." *Neuroscience*, 17;210:152-67.
 21. N. Kokras, **C. Dalla**, A. Sideris, A. Dendi, H. G. Mikail, K. Antoniou and Z. Papadopoulou-Daifoti. (2012) "The sex-differentiated stress response in models of anxiety and depression: corticosterone and estrous cycle effects", *Neuropharmacology*, 62(1):436-45.
 22. N. Kokras, **C. Dalla** and Z. Papadopoulou-Daifoti. (2011) "Sex differences in pharmacokinetics of antidepressants". *Expert Opinion On Drug Metabolism and Toxicology*, 7(2):213-26. *Invited Review*.
 23. P.M. Pitychoutis, A. Zisaki, **C. Dalla**, Z. Papadopoulou-Daifoti (2010) "Pharmacogenetic insights into depression and antidepressant response: does sex matter?". *Current Pharmaceutical Design*, 16, 2214-23, 2010.
 24. **C. Dalla**, P. M. Pitychoutis, N. Kokras and Z. Papadopoulou-Daifoti (2010) "Sex differences in the neurobiological substrate of depression and in antidepressant response". *Basic and Clinical Pharmacology and Toxicology.*, 106, 226-33, *Invited Review*.
 25. E.F. Kamper, A. Chatzigeorgiou, O. Tsimpoukidi, M. Kamper, **C. Dalla**, P.M. Pitychoutis, Z. Papadopoulou-Daifoti. (2009) "Sex differences in oxidant/antioxidant balance under a chronic mild stress regime". *Physiology and Behavior*, 98, 1-2, 215-222.
 26. **C. Dalla** and T. J. Shors. (2009) "Sex differences in processes of learning". *Physiology and Behavior*, 97, 229-238, *Invited Review*.
 27. **C. Dalla**, E. B. Papachristos, A. S. Whetstone and T. J. Shors, (2009) "Females learn trace memories better than males and consequently retain a greater proportion of new neurons in their hippocampi". *Proc Natl Acad Sci USA*, 24; 106, 8, 2927-32.

28. **C. Dalla**, A. S. Whetstone, G. E. Hodes and T. J. Shors. (2009) "Stressful experience has opposite effects on dendritic spines in the hippocampus of cycling versus masculinized females". *Neuroscience letters*, 2; 449 (1):52-6.
29. N. Kokras, K. Antoniou, **C. Dalla**, S. Bekris, M. Xagoraris, D. H. Overstreet and Z. Papadopoulou-Daifoti. (2009) "Sex-related differential response to clomipramine treatment in a rat model of depression." *Journal of Psychopharmacology*, 23(8):945-56.
30. **C. Dalla**, C. Edgecomb, A. S. Whetstone and T. J. Shors (2008) "Females do not express learned helplessness, as do males." *Neuropsychopharmacology*, 33, 7, 1559-69.
31. **C. Dalla**, K. Antoniou, N. Kokras, G. Drossopoulou, G. Papathanasiou, S. Bekris, S. Daskas and Z. Papadopoulou-Daifoti. (2008) "Sex differences in the effects of two stress models on dopaminergic neurotransmission." *Physiology & Behavior*, 93, 595-605.
32. T. Shors, J. Mathew, H. M. Sisti, C. Edgecomb, S. Beckoff and **C. Dalla**. (2007) "Neurogenesis and Helplessness are Mediated by Controllability in Males but not in Females" *Biological Psychiatry*, 62, 487-495.
33. **C. Dalla**, D. A. Bangasser, C. Edgecomb and T. J. Shors (2007) "Neurogenesis and Learning: Acquisition and Asymptotic Performance Predict How Many New Cells Survive" *Neurobiology of Learning and Memory*, 88, 143-148.
34. N. Karakatsouli, S.E., Papoutsoglou, G. Pizzonia, G. Tsatsos, A. Tsopelakos, S. Chadio, D. Kalogiannis, **C. Dalla**, A. Polissidis, Z. Papadopoulou-Daifoti. (2007) "Effects of light spectrum on growth and physiological status of gilthead seabream *Sparus aurata* and rainbow trout *Oncorhynchus mykiss* reared under recirculating system conditions" *Aquacultural Engineering*, 36, 3, 302-309.
35. S.E. Papoutsoglou, N. Karakatsouli, E. Louizos, S. Chadio, D. Kalogiannis, **C. Dalla**, A. Polissidis, Z. Papadopoulou-Daifoti (2007) "Effect of Mozart's music (Romanze-Andante of "Eine Kleine Nacht Musik", sol major, K525) stimulus on common carp (*Cyprinus carpio* L.) physiology under different light conditions" *Aquacultural Engineering*, 36, 1, 61-72.
36. S. E. Papoutsoglou, N. Karakatsouli, G. Pizzonia, **C. Dalla**, A. Polissidis and Z. Papadopoulou-Daifoti. (2006) "Effects of rearing density on growth, brain neurotransmitters and liver fatty acid composition of juvenile white sea bream *Diplodus sargus* L." *Aquaculture Research*, 37, 87, 95.
37. C. A. Cornil, **C. Dalla**, Z. Papadopoulou-Daifoti, M. Baillien and J. Balthazart. (2006) "Estradiol rapidly activates male sexual behavior and affects brain monoamine levels in the quail brain." *Behavioral Brain Research*, 166, 110-123.
38. **C. Dalla**, K. Antoniou, G. Drossopoulou, M. Xagoraris, N. Kokras, A. Sfikakis, and Z. Papadopoulou-Daifoti (2005) "Chronic mild stress impact: Are females more vulnerable?" *Neuroscience*, 135(3):703-14.
39. C. A. Cornil, **C. Dalla**, Z. Papadopoulou-Daifoti, M. Baillien, C. Dejace, G.F. Ball and J. Balthazart. (2005) "Rapid decreases in preoptic aromatase activity and brain monoamine concentrations after engaging in male sexual behavior". *Endocrinology*, 146(9):3809-20.
40. **C. Dalla**, K. Antoniou, Z. Papadopoulou-Daifoti, J. Balthazart and J. Bakker. (2005) "Male aromatase-knockout mice exhibit normal levels of activity, anxiety and "depressive-like" symptomatology" *Behavioural Brain Research*, 2005, 163(2):186-93.
41. **C. Dalla**, K. Antoniou, Z. Papadopoulou-Daifoti, J. Balthazart and J. Bakker. (2004) "Oestrogen-deficient female aromatase knockout (ArKO) mice exhibit "depressive-like" symptomatology". *European Journal of Neuroscience* 20: 1-12.
42. G. Drossopoulou, K. Antoniou, E. Kitraki, G. Papathanasiou, E. Papalexi, **C. Dalla** and Z. Papadopoulou-Daifoti. (2004) "Sex differences in behavioural, neurobiological and neuroendocrine effects induced by Forced Swim Test." *Neuroscience*, 126 (4): 849-85.
43. D. Papagiannopoulou, I. Pirmettis, Ch. Tsoukalas, L. Nikoladou, G. Drossopoulou, **C. Dalla**, M. Pelecanou, Z. Papadopoulou-Daifotis, M. Papadopoulos, E. Chiotellis. (2002) "Oxotechnetium 99mTcO[SN(R)S][S] complexes as potential 5-HT1A receptor imaging agents." *Nuclear Medicine and Biology*, 29, 825-832.

Selected book chapters (total: 7)

1. **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: *Biological Basis of Sex Differences in Psychopharmacology, Current Topics in Behavioral Neurosciences*, Volume 8, Editors: J.C. Neill & J. Kulkarni, Springer Editions, Berlin-

Heidelberg (Germany), 1st Edition 2011, [ISBN 978-3-642-20005-2](#) (doi: 10.1007/7854_2010_94 , PubMed PMID: 21769725).

2. P. M. Pitychoutis, D. Sanoudou, **C. Dalla** and Z. Papadopoulou-Daifoti. Neuropharmacogenetics of depressive disorders: has the time come to take both sexes into account? *In: Pharmacogenetics, InTech - Open Access Publisher*, 2012.
3. **C. Dalla**, N. Kokras, PM. Pitychoutis, Z. Papadopoulou-Daifoti, JD.Olivier, "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, 1st Edition June 2013, E-Book ISBN 978-1-62417-665-4, Hard Cover [ISBN 978-1-62417-636-4](#)