

## **CURRICULUM VITAE**

Styliani (Stella) Chadio

Professor

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### **EDUCATION:**

**1991:** PhD thesis: Dept. of Animal Science, Agricultural University of Athens, Greece.  
Thesis title: Study on the characterization of oxytocin receptors in rat adenohypophysis and their physiological significance"

**1979:** BSc. Pharmacy, National University of Athens, Greece.

### **POST GRADUATE FELLOWSHIPS:**

**1979-1981:** Research fellow, Department of Experimental Pharmacology, Endocrinology Unit, Medical School, University of Athens.  
During my fellowship I was trained in the development and application of radioimmunoassays for hormone analysis, antibody production and radiolabeling. I was also actively involved in all research projects and activities carried out at the Department, especially in the field of Reproductive Endocrinology.

**1988-1989:** Research fellow, Department of Human Anatomy, Neuroendocrinology Unit, Medical School, Oxford University, Oxford, U.K.

My work included "in vivo" and "in vitro studies" examining the role of neurohypophyseal peptides in controlling anterior pituitary function. I gained valuable research experience on receptor characterization and post receptor signaling mechanisms.

## MEMBERSHIP IN SCIENTIFIC SOCIETIES

- European Society for Animal Reproduction (ESDAR)
- International Society for Developmental Origin of Health and Disease (DOHaD).
- European Association for Animal Production (EAAP).
- Hellenic Endocrine Society
- Hellenic Society for Animal Production
- Hellenic Veterinary Society
- Hellenic Society for Physiology

## ACADEMIC POSITIONS

- 2017-today** Professor, Dept. of Animal Science, School of Animal Biosciences, Agricultural University of Athens, Greece
- 2009 -2017:** Associate Professor, Dept. of Anatomy and Physiology of Domestic Animals, Faculty of Animal Science, Agricultural University of Athens, Greece
- 2002-2009:** Assistant Professor, Dept. of Anatomy and Physiology of Domestic Animals, Faculty of Animal Science, Agricultural University of Athens, Greece
- 1994-2002:** Lecturer, Dept. of Anatomy and Physiology of Domestic Animals, Faculty of Animal Science, Agricultural University of Athens, Greece
- 1989-1994:** Appointed Research Assistant, Dept. of Anatomy and Physiology of Domestic Animals, Faculty of Animal Science, Agricultural University of Athens, Greece
- 1987-1989:** Research Associate, Department of Human Anatomy, Neuroendocrinology Unit, Medical School, Oxford University, Oxford, U.K.
- 1981-1987:** Research Assistant Dept. of Anatomy and Physiology of Domestic Animals, Faculty of Animal Science, Agricultural University of Athens, Greece

## TEACHING ACTIVITIES

### Undergraduate level:

- Animal Physiology courses (theoretical and practical classes)
- Pharmacology courses

### **Graduate level**

- Advanced courses in Neuroendocrinology and Physiology of reproduction
- Nutrition-reproduction interactions
- Reproductive management in small ruminants
- Supervisor and/or co-supervisor of 10 PhD Thesis
- Supervisor of 10 postgraduate theses
- Supervisor of more than 30 graduate theses
- Member of various examination committees for Master's Theses and PhD Theses

### **RESEARCH ACTIVITIES**

#### **Research interests**

- Reproductive physiology and neuroendocrinology of reproduction.
- Development and evaluation of protocols to control seasonal reproduction in small ruminants.
- Interactions between nutrition and reproduction.
- Effects of early life nutrition on subsequent metabolic and reproductive function in offspring (developmental programming), both from a human health and farm animal health and productivity perspective.
- The role of Bone Morphogenetic Proteins (BMPs) in ovarian folliculogenesis and steroidogenesis).
- Effects of micronutrients (selenium, iodine) on thyroid function and thyroid hormone metabolism in large animals and broilers.
- Endocrinology of stress (in collaboration with the Dept. of Aquaculture).

#### **Research projects**

- Participation in EU funded research programs (co-funded by European Social Fund and National resources (Pythagoras I, Project leader), research programs funded by the Greek General Secretariat for Science and Technology, (bilateral program between Greece and Hungary) and programs funded by the Greek Ministry of Agriculture.
- Participation in European Cooperation in Science and Technology (COST) Actions.
  - COST 848 Action " Multi faced research in rabbits: a model to develop a healthy and safe production in respect to animal welfare"(2000).
  - COST Action FA0702 "Gemini, Maternal Interaction with gametes and embryos"2008-2012
  - COST Action FA1201 EPICONCEPT: Epigenetics and Periconception Environment – Periconception environment as an Epigenomic lever for optimising food production and health in livestock (2012-2016). Member of the Management Committee.

- Participation in the “Operational Program for **Education and Initial Vocational Training** (Third Community Support Framework’s 24 Operational Programs in Greece, co-funded by the European Social Fund, and National Resources)
- After my appointment to the Department of Anatomy and Physiology of Domestic Animals I was tasked to set up and run a laboratory for the development, validation and application of hormonal detection methods, using RIA and Elisa techniques. This soon became a reference laboratory in Greece, as it is was the first to develop methods for hormones detection in domestic animals and fish. The laboratory has been supporting research activities of all other Faculty Departments as well as Departments from Veterinary Schools and National Agricultural Research Foundation in Greece.

### **OTHER ACTIVITIES**

- Invited reviewer for research proposals submitted under call FP7-KBBE-2012-6 in the area of "Food, Agriculture and Fisheries, and Biotechnology"
- Reviewer for research proposals funded by the General Secretariat for Research and Technology, Ministry of Education” Greece.
- Reviewer for Marie Curie Fellowships, (2014/2015, 2015/2016), Aarhus Institute of Advanced Studies and Aarhus University, (AIAS-COFUND), Denmark.
- Reviewer of research proposals submitted to US-Israel binational foundations: Binational Agricultural Research and Development Fund (BARD).
- Reviewer in scientific journals including: *Journal of Endocrinology, Human Reproduction, Reproduction, Theriogenology, Animal Reproduction Science, AgriGene, Comparative Biochemistry and Physiology, Small Ruminant Research, International Dairy Journal, Regulatory peptides, Anatomia, Istologia, Embryologia, International Journal of Developmental Neuroscience e.t.c*
- Member of the Organizing Committee of the 24<sup>th</sup> Annual Conference of the European Society for Animal Reproduction, 12<sup>th</sup>-17<sup>th</sup> October 2021, Thessaloniki, Greece
- Invitation to moderate a workshop entitled “nutrition-reproduction interactions” at the 16<sup>th</sup> Conference of the European Society for Animal Reproduction, Lisbon, Portugal, 2016
- Member of the Scientific Committee of the 2<sup>nd</sup> International Balkan Agriculture Congress, May 16-18, 2017, Tekirdağ, Turkey.
- Invited speaker and chair of Physiology sections at National Conferences of the Hellenic Veterinary Society and the Hellenic Society for Animal Production.

### **ADMINISTRATIVE EXPERIENCE**

- Head, (2019-today) of the Department of Animal Science, School of Animal Biosciences Agricultural University of Athens.
- Deputy Head (2011-2019) of the Department of Animal Science, School of Animal Biosciences Agricultural University of Athens.
- Member of the Scientific Committee of the Hellenic Agricultural Organization-«DIMITRA»
- Member of the Bioethics Committee of the Hellenic Pasteur Institute
- Member of the Quality Assurance Unit (MODIP) of the Agricultural University of Athens.
- Director (2016-2018) and deputy Director (2028-2020) of the Postgraduate Program Studies ‘Farm Business Management” between the Department of Animal Science and Aquaculture and the Department of Agricultural Economics and Rural Affairs, Agricultural University of Athens.
- Director of the Postgraduate Program Studies Program of the Department of Animal Science and Aquaculture (2009-2012)
- Member of the University Committee for the preparation of the drafting of the University’s New Operational plan.
- Member of the University Senate (2003-2004)
- Member of electoral bodies for academic applications
- Member of several Faculty Committees (i.e studies Committee, promotion Committee, etc).

## PUBLICATIONS

### PhD Thesis.

“Study on the characterization of oxytocin receptors in rat adenohypophysis and their physiological significance”

### Books and Book chapters

- **Functional Anatomy and Physiology of Animals (W. Reece , 4th Edition)** Greek translation and editing (with G.Theodoropoulos, I. Ikonomopoulos and C.Balaskas) *Utopia Publishing,Greece, 2015. ISBN; 978-618-80647-8-2, pp 620.*
- **S. E. Chadio** and F.A. Antoni (1991). Direct radioligand measurements of oxytocin receptors in anterior pituitary In: *Methods in Neurosciences, vol. 5 "Peptides", pp 235-242. Editor in Chief. P. Michael Conn. Academic Press.*
- **Chadio S,** Kotsampasi B. (2011). Reproductive programming: «*The role of early life nutrition*». In: *Undernutrition: Effects, Causes and Management. Ed. Jason Lee, Nova Science Publishers, Inc. New York; p. 1–30, ISBN: 978-1-62257-126-0*
- **Chadio S,** Fazeli A, Van Soom A, Michailidis G. Proceedings of the Epiconcept Conference 2015, 06-08 October 2015. Hersonisos, Greece: *Epiconcept COST Action FA1201, ISBN9789606806162, 2015, PP86.*
- **S.Chadio** and B.Kotsampasi. Maternal Undernutrition and Developmental

Programming: Implications for Offspring Reproductive Potential In: Handbook of Famine, Starvation, and Nutrient Deprivation V.R. Preedy, V.B. Patel (eds.), Springer International Publishing AG 2017 DOI 10.1007/978-3-319-40007-5\_43-1.

- **Stella Chadio** Maternal Nutritional status and impact on the offspring. In: *SUSTAINABLE DEVELOPMENT, CULTURE, TRADITIONS Journal : Special Volume in Honor of Professor George I. Theodoropoulos, 2018, ISSN 2241-4010*

#### **A. Peer reviewed publications in Scientific Journals**

1. Koutsiliaris M. Menegatos I. Xylouri E, **Chadio S**, Stoforos E (1983). Inhibition of testicular function after treatment with D-tryptophan 6, LHRH in the buck. *Journal of the Hellenic Veterinary Medical Society, 34:217-224 (I.F 0.309)*.
2. Chadio S.E and F.A. Antoni (1989). Characterization of oxytocin receptors in rat adenohypophysis using a radioiodinated receptor antagonist peptide. *Journal of Endocrinology, 122: 465-470. (I.F 4.498)*.
3. Antoni F.A and **S.E Chadio** (1989). Essential role of magnesium in oxytocin receptor affinity and ligand specificity. *Biochemical Journal, 257:611(I.F 4.11)*.
4. Mantzaris, G.J, **Chadio, S.E.**, Papadatou A., Kralios N. (1990). Effect of thyrotrophin-releasing hormone on the lower oesophageal sphincter pressure and the motility of the distal oesophagus in healthy subjects. *Hellenic Journal of Gastroenterology, 3:319-327*.
5. **Chadio S.E** and Antoni F.A (1993). Specific oxytocin agonist stimulates prolactin release but has no effect on inositol phosphate accumulation in isolated rat anterior pituitary cells. *Journal of Molecular Endocrinology, 10 (2): 107-114. (I.F 3.258)*.
6. **Chadio S.E** and Menegatos I. (1994) Seasonal changes in the pituitary and testis responsiveness to LHRH challenge in rams of Friesian breed. *Journal of the Hellenic Veterinary Medical Society, 44 (3): 189-196 (I.F 0.309)*.
7. Menegatos J., **Chadio S.E.**, Karatzas G and E. Stoforos E (1995). Progesterone levels throughout progestagen treatment influence the establishment of pregnancy in the goat. *Theriogenology, 43: 1365-1370 (I.F 2.056)*.
8. Deligeorgis D., Chadio **S** and Menegatos J (1996). Pituitary responsiveness to GnRH in lambs undernourished during fetal life. *Animal Reproduction Science, 43:113-121 (I.F 1.744)*.
9. Papoutsoglou, S.E., Miliou, H., **Chadio S.**, Karakatsouli N., Zarkada A., (1999). Studies on stress responses and recovery from removal in gilthead sea bream *Sparus aurata* (L) using recirculated seawater system. *Aquacultural engineering, 21:19-32 (I.F 1.703)*.
10. **Chadio, S.E** Zervas G., Kiriakou K., Goulas C., Menegatos J (2000). Effects of recombinant bovine somatotropin administration to lactating goats. *Small Ruminant Research, 35: 263-269 (I.F 1.275)*.

11. **Chadio, S.**, Zervas G., Georgakopoulou E., Kandarakis I., Menegatos I. (1999). Effect of recombinant bovine somatotropin on milk yield and composition in lactating goats. In "Milking and milk production of dairy sheep and goats" Ed. Barrilet F and Zervas N.P., *EAAP Publication No 95: 94-96*.
12. Papoutsoglou S.E., Mylonakis G., Miliou H., Karakatsouli **N.O.**, **Chadio S** (2000). Effects of background color on growth performances and physiological responses of scaled carp (*Cyprinus carpio* L.) reared in a closed circulated system *Aquacultural Engineering*, 22: 309-318 (I.F 1.703).
13. Menegatos, J., **Chadio, S.**, Laliotis, B., Goulas, C., Saratsis, P., Xioufis, A., & Giouzelgiannis, A. (2001). Ram effect on oestrus and ovarian activity in ewes of greek "Vlachiko" breed during anoestrus. *Animal Science Review*, 28: 107-114.
14. Papoutsoglou S.E., Miliou H., Karakatsouli N., Tzitzinakis M., **Chadio S.** (2001). Growth and physiological changes in scaled carp and blue tilapia under behavioral stress in mono- and polyculture rearing using a recirculated water system. *Aquaculture International*, 9: 509-518 (I.F 1.133).
15. **Chadio S.E.**, Xylouri E., Kalogiannis D., Michalopoulou E., Evagelatos S., Menegatos I (2002). Early pregnancy diagnosis in swine by direct radioimmunoassay for progesterone on filter paper. *Animal Reproduction Science*, 69 (1-2): 65-72(I.F 1.744).
16. Voudouri A., **Chadio S.**, Menegatos J and Zervas G. Basic biochemical elements of metabolism in selenium and /or iodine deficient sheep. *Animal Science Review*, 29: 39-53.
17. **Chadio S.E.**, Menegatos J., Zervas G., Goulas C., Deligeorgis S., Kalogiannis D. (2002) Pituitary responsiveness to gonadotropin- and thyrotropin releasing hormones in goats treated with recombinant bovine somatotropin *Small Ruminant Research*, 46: 149-157(I.F 1.275).
18. Voudouri **A.**, **Chadio S.E.**, Menegatos J., Zervas G., Nicol F., Arthur J (2003) Selenoenzyme activities in Selenium and Iodine Deficient Sheep. *Biological Trace Element Research*, 94:213-323(I.F 1.798).
19. Menegatos J. **Chadio S.**, Kalogiannis D., Kouskoura T., Kouimtzis S. (2003) Endocrine events during the peri-estrous period and the subsequent estrus cycle in ewes after estrus synchronization. *Theriogenology*, 59: 1533-1543(I.F 2.056).
20. Menegatos J., **Chadio S.**, Dosopoulos V. Kalogiannis D., Xylouri E. (2003) Ovarian and thyroid activity of the Lacaune ewes breed during the year in Greece. *Journal of the Hellenic Veterinary Medical Society*, 54(3): 209-220.9 (I.F 0.309).
21. **Chadio S.**, Kotsampasi B., Menegatos J., Zervas G., Kalogiannis D (2005) Effect of selenium supplementation on thyroid hormone levels and selenoenzyme activities in growing lambs. *Biological Trace Element Research*, 109: 145-154(I.F 1.798).
22. Karakatsouli N., Papoutsoglou S.E., **Chadio S.**, 2006. Effects of flow rate on water quality, physiological status and growth of blue tilapia *Oreochromis aureus* reared in recirculating system. *Animal Science Review*, 35: 3-13.
23. **Chadio S.**, Kotsampasi B., Papadomicheleakis G., Deligeorgis S., Kalogiannis D., Menegatos I (2007) Impact of maternal undernutrition on the hypothalamic-

- pituitary-adrenal axis responsiveness in sheep at different ages postnatal. *Journal of Endocrinology*, 192: 495-503 (I.F 4.498).
24. Papoutsoglou S.E., Karakatsouli N., Louizos E., **Chadio S.**, Kalogiannis D., Dalla C., Polissidis A., Papadopoulou-Daifoti Z. (2007). Effect of Mozart's music (Romanze-Andante of "Eine Kleine Nacht Musik", K525) stimulus on common carp (*Cyprinus carpio* L.) physiology under different light conditions. *Aquacultural Engineering*, 36, 61-72 (I.F 1.703).
  25. Karakatsouli N., Papoutsoglou S.E., Pizzonia G., Tsatsoa G., Tsopelekos A., **Chadio S.**, Kalogiannis D., Dalla C., Polissidis A., Papadopoulou-Daifoti Z. (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: 302-309(I.F 1.703).
  26. Karakatsouli N., Papoutsoglou S.E., Panopoulos G., Papoutsoglou E.S., **Chadio S.**, Kalogiannis D., 2008. Effects of light spectrum on growth and stress response of rainbow trout *Oncorhynchus mykiss* reared under recirculating system conditions. *Aquacultural Engineering*, 38, 36-42 (I.F 1.703).
  27. Menegatos J., **Chadio S.**, Kalogiannis D., Bambidis V., Valasi I., Christodoulou V., Kantas D. (2008). Impact of Thyroid status on the response to ram effect in ewes. *Journal of the Hellenic Veterinary Medical Society*, 59 (1) (I.F 0.309).
  28. Kotsampasi B., Balaskas C., Papadomichelakis G and **Chadio S.** (2009). Reduced Sertoli cell number and altered pituitary responsiveness in lambs undernourished *in utero*. *Animal Reproduction Science*, 114, 135-147 (I.F 1.744).
  29. Kotsampasi B., **Chadio S.**, G. Papadomichelakis G., S. Deligeorgis, S., Kalogiannis D., Menegatos I., Zervas G (2009).Effects of maternal undernutrition on the hypothalamic-pituitary-gonadal axis in female offspring *Reproduction in Domestic Animals*, 44,677-684(I.F 1.478).
  30. Sirotkin A.V., **Chadio S.**, Chrenek P., Xylouri E., E. Fotopouloy E. (2009). Phosphodiesterase inhibitor 3 isobutyl-methyl-xanthin affects reproductive function in rabbit females. *Theriogenology* 74, 1321-26 (I.F 2.056).
  31. Sirotkin AV., Chrenek P., **Chadio S.**, Xylouri E., Fotopouloy H., Makarevich AV (2010) Phosphodiesterase inhibitor 3-isobutyl-m.ethyl-xanthine affects rabbit ovaries and oviduct. *Eur J Pharmacol.* 643, 145-51.
  32. **Chadio S.**, Pazalos A, Kotsampasi B, Kalogiannis D, Deligeorgis S, Menegatos I., 2011. "Metabolic hormones during the prepubertal period in sheep". *In: Proceedings of the 9<sup>th</sup> International Conference on Animals Physiology. Manor-house Mojmirovce, Nitra, Slovakia*, 92–106.
  33. Tsiligianni Th., Amiridis GS., Dovolou E., Menegatos I., **Chadio S.**, Rizos D and Gutierrez-Adam A (2011). Association between physical properties of cervical mucus and ovulation rate in superovulated cows. *Canadian Journal of Veterinary Research* 75(4):248-53.
  34. **Chadio S.** (invited) Endocrinology and Animal Production: From research to practice. 2011. *Animal Science Review*,



35. Tsiplakou E, Chadio S, Zervas G. (2012). The effect of long term under- and over-feeding of sheep on milk and plasma fatty acid profiles and on insulin and leptin concentrations. *J Dairy Res.* 79(2):192-200.
36. Valasi I, **Chadio S**, Fthenakis GC, Amiridis GS (2012). Management of pre-pubertal smallruminants: physiological basis and clinical approach. *Anim Reprod Sci.* 130(3-4), 126-34. (INVITED REVIEW).
37. Tsiplakou E., **Chadio S.**, Papadomichelakis G and Zervas G. The effect of long term underand over- feeding on milk and plasma fatty acids profile and on insulin and leptin concentrations of goats. *International Dairy Journal* 24 (2), 87-92.
38. Liandris E., Kominakis A., Andreadou M., Kapeoldassi K., **Chadio S.**, Tsiligianni Th, Gazouli M., Ikonomopoulos J. Associations between Single Nucleotide Polymorphisms of GDF9 and BMP15 genes and litter size in two dairy sheep breeds of Greece. *Small Ruminant Research* 107, 16– 21.
39. Karakatsouli N., Katsakoulis P., Leondaritis G., Kalogiannis D., Papoutsoglou S.E., **Chadio S.**, Sakellaridis N., (2012). Acute stress response of European sea bass *Dicentrarchus labrax* under blue and white light. *Aquaculture*: 48–52.
40. Valasil E., Theodosiadou E., Fthenakis G.C., Papanikolaou T., Deligiannis C., Kalogiannis D., **S. Chadio S.**, Amiridis G.S (2013). Endocrinological profile and follicular development in cyclic ewes subjected to repeated ovum pick-up. *Animal Reproduction Science*, 138 (3-4): 180-187.
41. Dovolou E., **Chadio S.**, Messinis I.E., Rekkas C.A., Deligiannis C., Kalogiannis D., Amiridis G.S. (2013). Human ghrelin decreases pituitary response to GnRH in superovulated ewes. *Theriogenology*, 80(3):262-26.
42. Chadio S. and B. Kotsampasi B. (2014). Chadio, S., Kotsampasi, B. (2014). The role of early life nutrition in programming of reproductive function. *Journal of Developmental Origins of Health and Disease* 5, 2-15.
43. Batzina A., D., Dalla C., Papadopoulou-Daifoti, Z., **Chadio S.**, Karakatsouli N. (2014). Blue substrate modifies the time course of stress response in gilthead seabream *Sparus aurata*. *Aquaculture*, 420-421: 247-253.
44. Theodorou G., Papadomichelakis G., Tsiplakou E., Lampidonis A.D, **Chadio S.**, Zervas G and Politis I. (2015). Effects of soyabean meal or whey-based diets on lipid metabolism in weaned piglets *Journal of Animal Physiology and Animal Nutrition*, 99, 92-99.
45. **Chadio SE**, Pappas AC, Papanastasatos A, Pantelia D, Dardamani A, Fegeros K, Zervas G. (2015). Effects of high selenium and fat supplementation on growth performance and thyroid hormone concentrations of broilers. *J Trace Elem Med Biol.* 29, 202-207.
46. Symeon G.K., Goliomytis M, Bizelis I, Deligeorgis S.G.M **Chadio S.E** (2015). Effects of gestational maternal undernutrition on growth, carcass composition and meat quality of rabbit offspring *PLoS ONE*
47. Simitzis P.E., Symeon G.K., Kominakis A.P., Bizelis I.A **Chadio S.E.**, Abas Z., Deligeorgis S.G. (2015). Severe maternal undernutrition and post-weaning behavior of rabbits. *Physiology & Behavior* 141, 172–179.

48. **Chadio S.**, A. Katsafadou A., Kotsampasi B., Michailidis G., Mountzouris K., Kalogiannis D., and Christodoulou V. (2014). Effects of maternal undernutrition during late gestation and/or lactation on colostrum synthesis and immunological parameters in the offspring. *Reproduction, Fertility and Development*, 28 (3):384-393. doi:10.1071/RD14147.
49. **Malandrakis E.E.**, **Dadali O.**, **Golomazou E.**, **Kavouras M.**, **Dailianis S.**, **Chadio S.**, **Exadactylos A.**, **Panagiotaki P.** (2016). DNA damage and differential gene expression associated with physical stress in gilthead seabream (*Sparus aurata*). *General and Comparative Endocrinology*, doi:10.1016/j.ygcen.2016.07.009
50. Valasi I, Theodosiadou E.K, Papadopoulos S, Barbagianni M.S, Nanos A, Spanos S, Fthenakis G.C and **Chadio S** (2017). Combined treatment of ewes with eCG and 3-isobutyl-1-methyl-xanthine, a non-selective inhibitor of phosphodiesterases for enhancing their reproductive performance *Animal Reproduction* 14, 1133-1137.
51. **Chadio S.**, Kotsampasi B., Taka S., Liandris E., Papadopoulos N., Plakokefalos E.(2017). Epigenetic changes of hepatic glucocorticoid receptor in sheep male offspring undernourished *in utero Reprod Fertil Dev.* 29(10):1995-2004. doi: 10.1071/RD16276.  
(<http://biomedical-advances.org/diabetes-20181-3/> , supported by **World Biomedical Frontiers, LLC**)
52. **S.Chadio** and B.Kotsampasi. Maternal Undernutrition and Developmental Programming: Implications for Offspring Reproductive Potential In: Handbook of Famine, Starvation, and Nutrient Deprivation V.R. Preedy,V.B. Patel (eds.),*Springer International Publishing AG 2017 DOI 10.1007/978-3-319-40007-5\_43-1.*
53. Pappas A.C., Kotsampasi B.M., Kalamaras K., Fegeros K., Zervas G., Kalogiannis D. **and Chadio S.E.** (2018). Effects of concomitant selenium and vitamin E administration on thyroid hormone metabolism in broilers. *Journal of the Hellenic Veterinary Medical Society*, 68(3), 355-362.
54. Pappas AC, Zoidis E, **Chadio SE.** Maternal Selenium and Developmental Programming (2019). *Antioxidants* 25;8(5):145. doi: 10.3390/antiox8050145.
55. Simitzis, P. Kiriakopoulos, A.Symeon, G. Goliomytis, M. ,Kominakis, A. **Chadio S.**, Pagonopoulou, O. Deligeorgis, S. (2019). Effect of prenatal overfeeding on the growth performance and postweaning behavioral parameters in rabbits *Journal of Veterinary Behavior*, 33, 38-45

#### PRESENTATIONS IN PEER-REVIEW INTERNATIONAL CONFERENCES

1. **S.E.Chadio**, E.Xylouri, I. Menegatos and E. Stoforos (1983). Sex-types in sex-reverse male goats. *Proceedings of the 13<sup>th</sup> International Summer School of Brain Research, Amsterdam*, 22:265.
2. P. Nikokyris, J. Menegatoç, and **S. Chadio**. Seasonal variations of some blood parameters of rams in relation to serum testosterone levels. *Proceedings of the*

- 38<sup>th</sup> Annual Meeting of the European Association for Animal Production, Lisbon, Portugal, September, 1987.*
3. J. Menegatos, G. Spyropoulos, **S. Chadio**, D. Kalogiannis, K. Stratakis and M. Koutsilieris. The role of season in the succes of oestrus synchronization and A.I in ewes. *Proceedings of the 40<sup>th</sup> Annual Meeting of the European Association for Animal Production. Dublin, Ireland, August, 1989.*
  4. **S.E. Chadio** and A.F. Antoni. Characterization of oxytocin receptors in rat adenohypophysis using a radiiodinated OT receptor antagonist. *Proceedings of the 178<sup>th</sup> Meeting of the British Society for Endocrinology, London, U.K. November, 1989.*
  5. F.A Antoni and **S.E. Chadio**. Essential role of magnesium in oxytocin receptor agonist affinity and specificity. *Proceedings of the 178<sup>th</sup> Meeting of the British Society for Endocrinology, London, U.K., November, 1989.*
  6. G.J. Mantzaris, **S.Chadio**, A.Papadatou-Marinou, N.Kralios Serum levels and in vitro (organ culture) production of carcinoembryonic antigen (CEA), a-fetoprotein (AFP) and human chorionic gonadotrophin-beta (HCG) by healthy, inflammatory and neoplastic human gastrointestinal tissues. *Digestive Disease Week, Annual Meeting of the American Gastroent. Association, New Orleans, Luisiana, U.S.A, 1991.*
  7. **S.E.Chadio** and F.A Antoni. Oxytocin stimulation of prolactin release and inositol phosphate accumulation in rat anterior pituitary cells. *International Conference on Molecular Endocrinology, Athens, October 1-3, 1993.*
  8. **S.Chadio**, E.Xylouri-Frangiadaki, E. Michalopoulou, D.Kalogiannis, S.Evangelatos and J.Menegatos. Early pregnancy diagnosis by direct radioimmunoassay for progesterone in blood spotted on filter paper. *Procceedings of the 15<sup>th</sup> IPVS Congress, Birminham, England, July, 1998.*
  9. J.Menegatos, G.Philippopoulos, E.Xylouri, **S.Chadio**, D.Kalogiannis. Induction of 2<sup>nd</sup> estrus synchronization in ewes during the anestrous period. *51<sup>th</sup> Annual Meeting of the European Association for Animal Production, Hague, The Netherlands, August 2000.*
  10. A.Voudouri, **S.Chadio**, G. Zervas, J. Menegatos, N. Fergus, J. Arthur. Selenoenzyme activity in Selenium and Iodine deficient Sheep. *7<sup>th</sup> International Symposium on Selenium in Biology and Medicine, Venezia, October 1-5, 2000.*
  11. **S.Chadio**, J.Menegatos, G.Zervas, G. Goulas, P.Verros Pituitary responsiveness in goats after bovine somatotropin administration. *52<sup>th</sup> Annual Meeting of the European Association for Animal Production, Budapest, Hungary, 26-29 August 2001.*
  12. A.Voudouri, **S.Chadio**, J.Menegatos, G.Zervas, N.Fergus, J. Arthur. Selenoenzyme activity in Selenium and Iodine deficient sheep *52<sup>th</sup> Annual Meeting of the European Association for Animal Production, Budapest, Hungary, 26-29 August 2001.*
  13. J. Menegatos, T.Lainas, **S. Chadio**, E. Nikolaou The breeding season of Greek sheep breeds. *Balnimalcon, First Joint Meeting, Tekirdag, Turkey, 2001.*

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