

**2022**

## **EVANGELOS ZOIDIS**

***Assistant Professor in Nutritional Physiology  
of Livestock Animals***

Laboratory of Nutritional Physiology and Feeding,  
Department of Animal Science,  
School of Animal Biosciences,  
Agricultural University of Athens



## **CURRICULUM VITAE**

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## 1. PERSONAL DATA

SURNAME: **ZOIDIS**  
NAME: **EVANGELOS**  
FATHER'S NAME: Vasileios  
DATE OF BIRTH: 20<sup>th</sup> April 1970  
PLACE OF BIRTH: Korinthos  
NATIONALITY: Hellenic  
MARITAL STATUS: Married, 2 children  
RESIDENCE: 9 Anogion Str., Neo Iraklio, Athens, 141 21  
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**GOOGLE SCHOLAR:** <https://scholar.google.com/citations?user=MsQhatwAAAAJ&hl=el>

**SCOPUS:** <https://www.scopus.com/authid/detail.uri?authorId=54790594300>

**PUBLONS:** <https://publons.com/researcher/4400935/evangelos-zoidis/>

**RESEARCHGATE:** <https://www.researchgate.net/profile/Evangelos-Zoidis>

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## 2. TRAINING AND TITLES

**06/2000: Doctor of Philosophy** (Ph.D. Biochemistry-Endocrinology-Metabolism), University of Zurich, Switzerland. Thesis: “*Regulation of Phex gene Expression and Relation to Phosphate Homeostasis*”.

**04/1997–06/2000: Ph.D. candidate** (fellowship from the Swiss National Science Foundation) in the Department of Biochemistry, Faculty of Natural Sciences, University of Zurich.

**11/1996: Diploma** (Dipl. nat. sc. Biochemistry-Molecular Biology), Biochemistry Department, Faculty of Natural Sciences, University of Zurich, Switzerland (grade: 4.6/6).

**05/1994–06/1995: Diploma thesis** in the Biochemistry Department, Faculty of Natural Sciences, University of Zurich, Switzerland. Title: “*Subcloning and*

*sequencing of the p65 domain of the NF- $\kappa$ B transcription factor. DNA binding studies of HeLa-cells nuclear extracts and the artificial polypeptide R42”, under the supervision of Professor B. Gutte.*

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### **3. PROFESSIONAL EXPERIENCE**

**02/2016 - present: Appointed Tenured Assistant Professor** in Nutritional Physiology, Department of Nutritional Physiology and Feeding, Department of Animal Science, Agricultural University of Athens.

**02/2016 - present: Assistant Professor** in Nutritional Physiology, Department of Nutritional Physiology and Feeding, Department of Animal Science and Aquaculture, Agricultural University of Athens.

**01/2009 – 02/2016: Lecturer** in Nutritional Physiology, Department of Nutritional Physiology and Feeding, Department of Animal Science and Aquaculture, Agricultural University of Athens.

**12/2004 – 12/2008: Research Fellow (Lecturer P.D. 407/80)**, Department of Nutritional Physiology and Feeding, Department of Animal Science and Aquaculture, Agricultural University of Athens.

**09/2004 - 09/2005: Scientific- and Research Fellow** in the Faculty of Health and Caring Professions, Department of Medical Laboratories, University of West Attica.

**09/2004 - 08/2009: Professor** of “Biochemistry I and II”, “Human Nutrition” and “Laboratory Technology” in the Faculty of Medical Assistants (SBIE), Athens.

**06/2002 - 02/2003 and 02/2004 - 07/2004: Post-doc Senior Researcher** in the European Project “Leonardo Da Vinci” (PISCES-Processing and Inspection of Seafood and Culture Fish to European Standards), in the Faculty of Food Technology and Nutrition, Department of Food Technology, University of West Attica.

**06/2000 - 06/2002: Post-Doctoral Fellow**, with scholarship after research proposal evaluation from the Swiss National Science Foundation in the field of Nutrition and Metabolism: “Phosphate metabolism and related gene-regulation”, in

the Department of Metabolism and Endocrinology, University Hospital of Zurich, Switzerland.

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#### 4. AWARDS

**1983-1988: 1<sup>st</sup> Prize of Performance and Excellence** for all years of education in High School and Lyceum.

**04/1997:** Swiss National Science Foundation, **Ph.D. funding, grant** no. 32-46808.97 (duration 40 months).

**06/2000:** Swiss National Science Foundation, **Postdoctoral Research funding** (duration 24 months).

**03/2001: Pharmacia Leonardo Award 2000**, from the Italian Research Organization, Milan, Italy.

**11/2004: PHOENIX Pharmacy-Research Award 2004**, for scientific work in the field of Biochemical-Pharmaceutical Technology.

**08/2006:** Nomination of the publication “Physicochemical changes of olive oil and selected vegetable oils during frying” (Journal of Food Lipids 2006) from Blackwell Publishing as the best for the year 2006 in the field of “Food Lipids”.

**12/2010:** Health Research Award Board, Ireland, 2011 (Evaluator of Research Proposals).

**05/2011: Member of the Editorial Board** of the scientific journal *Endocrinology & Metabolic Syndrome: Current Research*.

**05/2018:** Two times **Guest Editor** of the open-access scientific journal *Antioxidants*.

**08/2019: Member of the Editorial Board** of the open-access scientific journal *Antioxidants*.

**03/2021: Member of the Editorial Board** of the scientific journal *Food and Chemical Toxicology*.

**09/2022: Associate Editor** for the Animal Nutrition and Metabolism specialty section of the scientific journal *Frontiers in Veterinary Science*.

**Peer Reviewer** of the following scientific journals:

1. African Journal of Microbiology Research
2. Animal
3. Animals
4. Animal Feed Science and Technology
5. Animal Production Science
6. Antioxidants
7. Aquaculture International
8. Biological Trace Element Research
9. Biomolecules
10. BMC Veterinary Research
11. British Poultry Science
12. Calcified Tissue International
13. Cell and Tissue Research
14. Cellular Physiology and Biochemistry
15. Cogent Food and Agriculture
16. Critical Reviews in Food Science and Nutrition
17. Czech Journal of Animal Science
18. Developmental and Comparative Immunology
19. Endocrine
20. Endocrinology and Metabolic Syndrome: Current Research
21. Environmental Toxicology and Pharmacology
22. Food and Chemical Toxicology
23. Food & Function
24. International Journal of Molecular Sciences

- 25.** International Journal of Veterinary Science and Medicine
- 26.** Iranian Journal of Applied Animal Science
- 27.** Journal of Animal Science and Biotechnology
- 28.** Journal of Biochemical and Molecular Toxicology
- 29.** Journal of Endocrinology
- 30.** Journal of Environmental Sciences
- 31.** Journal of Nutritional Biochemistry
- 32.** Journal of Soil Science and Plant Nutrition
- 33.** Journal of Trace Elements and Minerals
- 34.** Journal of Veterinary Science and Animal Husbandry
- 35.** Journal of Veterinary Science and Medicine
- 36.** Livestock Science
- 37.** Lung
- 38.** Molecular and Cellular Biochemistry
- 39.** Molecular Biology Reports
- 40.** Molecules
- 41.** Nutrients
- 42.** Oxidative Medicine and Cellular Longevity
- 43.** Phosphorus, Sulfur, and Silicon and the Related Elements
- 44.** Reproductive Biology and Endocrinology
- 45.** Research in Veterinary Science
- 46.** Small Ruminant Research
- 47.** Turkish Journal of Veterinary and Animal Sciences

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## **5. RESEARCH EXPERIENCE**

**01/2005 - present:** During my work in the Department of Nutritional Physiology and Feeding (Department of Animal Science, Agricultural University of Athens), I dealt with the experimental design in projects involving nutritional physiology mainly in poultry, and in other species (pigs, rabbits, sheep, goats). Among others, I applied and gained knowledge of modern analytical procedures such as ICP-MS, gas chromatography, RT-PCR etc.

**06/2002 - 02/2003 and 02/2004 - 07/2004:** as Post-doc Senior Researcher in the Department of Food Technology (Faculty of Food Technology and Nutrition, University of West Attica) I worked in projects involving HPLC and LC-MS analyses and quality analyses in seafood and culture fish.

**06/2000–06/2002:** as Post-doc Senior Research fellow in the Department of Metabolism and Endocrinology (University Hospital of Zurich), I was trained in analytical techniques such as real time RT-PCR, Western analysis, RACE, immunohistochemistry, culture, and conservation of primary cell lines (osteoblasts, pneumocytes), radio-immuno-assay procedures, microscopy and histology.

**04/1997 - 06/2000:** During my doctoral thesis in the Department of Biochemistry (Faculty of Natural Sciences, University of Zurich), I dealt with the expression and regulation of genes involved in phosphate and sodium homeostasis. I gained knowledge of procedures such as construction and analysis of cDNA libraries, Northern and Western Analyses, RIA, and ELISA.

**05/1994 - 06/1995:** During my under-graduate Diploma work I was involved in the design and synthesis of polypeptides (R42) interacting with the transcriptional factor NF- $\kappa$ B applying techniques such as DNA sequencing, Southern blotting, Electrophoretic Mobility Shift Assays, molecular modeling, LC-MS etc.

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## 6. TEACHING EXPERIENCE

During my carrier I have been assigned lectures in:

**12/2004 – present:** “Introduction to Biochemistry” (theory and laboratory courses), 3<sup>rd</sup> Semester, Department of Animal Science, Agricultural University of Athens.

**12/2004 – present:** “Farm Animal Nutrition” (theory and laboratory courses), 4<sup>th</sup> Semester, Department of Agricultural Economics and Rural Development, Agricultural University of Athens.

**10/2006 – present:** “Introduction to Molecular Biology”, “Genes-Nutrition-Environment”, “Nutrition and Health” and “Diseases Affected by Lifestyle and Environment” in the M.Sc. courses of the Department of Animal Science, Agricultural University of Athens.

**10/2015 – present:** “Principles of Molecular and Cellular Biology”, (theory and laboratory courses), 1<sup>st</sup> Semester, Department of Animal Science, Agricultural University of Athens.

**10/2017 – present:** Erasmus Courses “Farm Animal Nutrition”, (theory), 5<sup>th</sup> Semester, Department of Animal Science, Agricultural University of Athens, 4 ECTS.

**10/2018 – present:** “Animal Nutritional Physiology”, (theory and laboratory courses), 4<sup>th</sup> Semester, Department of Animal Science, Agricultural University of Athens.

**The students’ Teaching Evaluation for the above courses (2010-2018) ranged from 4.5-4.8/5.0.**

**2007 – present:** Lectures within Open Programs of the Human Resource Development Authority of Cyprus, such as:

- “Introduction to the Principles of Human Nutrition and Functional Foods”
- “Production and Development of Functional Products”.
- “Foods of High Quality and Biosafety”.
- “New Trends and Challenges in Food Industry - Innovative Products and Competitive Advantages”.
- “Applications of Agro-industrial By-products in Nutrition and other Innovative Uses”.

**9/2004 - 8/2009:** “Biochemistry I and II”, “Human Nutrition” and “Laboratory Technology”, Faculty of Medical Assistants (SBIE), Athens.

**9/2004 - 9/2005:** “General Microbiology” and “Physiology Laboratory I and II”, Department of Medical Laboratories, University of West Attica.

Supervision and Participation in Bachelor-, Master-, and PhD Theses:

- Supervised 18 Bachelor Theses and 1 Master Thesis.
- Member of the Three-member Advisory Committee in 3 PhD Theses.



- Participated as member of the Advisory Board in 50 Bachelor-, 10 Master- and 11 PhD Theses.

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## 7. RESEARCH PROJECTS

1. **2002-2003:** *“Leonardo Da Vinci (PISCES-Processing and Inspection of Seafood and Culture Fish to European Standards)”* (Participating Researcher).
2. **2004-2005:** *“Action of Chios Mastic in pathological situations and development of new products”*. Funding source: University of West Attica (Participating Researcher).
3. **2005-2006:** *“Investigation of the optimal concentration of the use of a probiotic and a natural product in the feed of broilers and determination of their effects on parameters of the intestinal ecology and physiology”*. Research Project of the Department of Nutrition Physiology and Feeding of the Agricultural University of Athens. Scientific coordinator: K. Moutzouris. (Participating Researcher).
4. **2005-2010:** *“Studies on the regulation of the Phex gene”*. Funding source: Swiss National Science Foundation (Member of the main research team).
5. **2006-2008:** *“Effect of diet on physicochemical and sensory characteristics of goat milk from organic farms”* Funding source: General Secretariat for Research and Technology (GSRT) (Member of the main research team).
6. **2005-2010:** *“Evaluation of alfalfa (Medicago sativa) genetic material to determine the best cultivation and processing conditions to produce quality products”*. Funding source GSRT (ESPA 2007-2013) (Member of the main research team).
7. **2010-2011:** *“Efficacy of crude glycerine in growing pig feeding”*. Funding source: Research Committee, Agricultural University of Athens (Member of the main research team).

8. **9/2008 – 7/2009:** *“Safety and tolerance of the addition of attapulgite to the diets of broilers”*. Funded by industry (Member of the main research team).
9. **2012-2015:** *“The effects of antioxidant’s dietary supplementation on animal product quality”* Programme THALIS 2012-2015, Sectoral Operational Programme, Education and Lifelong Learning (ESPA 2007-2013) (Member of the main research team).
10. **2014-2015:** *“Management of wild rabbits’ populations in Lemnos: exploration of the possibility of wild rabbit meat consumption”*. Funded by the Ministry of Rural Development & Food (Member of the main research team).
11. **2014-2015:** *“Production of functional foods: effect of antioxidant’s dietary supplementation on the quality of the produced meat”*. Programme “Innovation and Entrepreneurship - Exploitation of Research at the Agricultural University of Athens” that was co-financed by the European Union (European Regional Development Fund) and the Greek State, grant number: 770001.” (**Coordinator** and member of the main research team).
12. **2018:** “UPDATEST: Training students and professionals in the food sector on new testing technologies”. Scientific coordinator: C. Georgiou. Co-funded by the Erasmus+ Programme of the European Union (Participating Member).
13. **2022:** Participation in the research team of the project "Development and comparison of methods for the detection and quantification of phytoestrogens in fish feed raw materials, fish feed and farmed Mediterranean fish species with the acronym EstroFish" implemented in the framework of the Action "Special Actions: AQUACULTURES-INDUSTRIAL MATERIALS - OPEN INNOVATION IN CULTURE" co-financed by the European Regional Development Fund of the European Union and national resources, through the Programme “Competitiveness, Entrepreneurship & Innovation” (project code: T6YBP-00536) (Member of the research team).

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## 8. KNOWLEDGE

<b>English:</b>	Excellent
<b>German:</b>	Excellent
<b>Software:</b>	Microsoft Windows and Office applications, PUBLISHER, BLAST, COBALT, PrimerBlast, GeneWalker, Net Primer etc.
<b>Statistics:</b>	Statistica, Statgraphics, SPSS

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## 9. MEMBER OF ASSOCIATIONS

- Hellenic Society for Animal Production (HSAP)
- European Association for Animal Production (EAAP)
- Greek National Committee of International Dairy Federation (IDF)

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## 10. WRITINGS

1. Pappas, A.C., **Zoidis, E.**, Fegeros, K., Surai, P.F. and Zervas, G. (2010) Cadmium toxicity and the antioxidant system. *Nova Science Publishers*, New York, USA.
2. Pappas, A.C., **Zoidis, E.**, Fegeros, K., Surai, P.F. and Zervas, G. (2010) Relation of cadmium to other elements and the antioxidant system. In: Parvau, P.G. (Ed.), *Cadmium in the Environment*, *Nova Science Publishers*, New York, USA.
3. **E. Zoidis** and A.C. Pappas (2012) The health effects of selenoproteins. In: Chinatsu Aomori and Megumi Hokkaido (Eds.), *Selenium: Sources, Functions and Health Effects*, *Nova Science Publishers*, New York, USA.
4. Pappas, A.C., **Zoidis, E** (2012) The role of selenium in chicken physiology: new insights. In: Iresha Kapur and Abdullah Mehra (Eds.), *Chickens: Physiology, Diseases and Farming Practices*, *Nova Science Publishers*, New York, USA.
5. **Zoidis, E** (2013) Glucose Uptake and Transport Regulation. In: Carter C. Johnson and Davis B. Williams (Eds.), *Glucose Uptake: Regulation, Signaling Pathways and Health Implications*, *Nova Science Publishers*, New York, USA.
6. **Zoidis E.**, Papamikos V., (2015). Glucose: Metabolism and regulation. In: Benjamin Caballero, Paul Finglas, and Fidel Toldrá (Eds.), *Encyclopedia of Food and Health*, *Academic Press-ELSEVIER*.

7. **Zoidis E.**, Papamikos V., (2015). Glucose: Glucose intolerance. In: Benjamin Caballero, Paul Finglas, and Fidel Toldrá (Eds.), *Encyclopedia of Food and Health, Academic Press-ELSEVIER*.

8. Mavrommatis A., Giamouri E., Tavrizelou S., Zacharioudaki M., Danezis G, Simitzis P.E., **Zoidis E.**, Tsiplakou E., Pappas A.C., Georgiou C.A., Fegeros K. (2021). Impact of Mycotoxins on Animals' Oxidative Status. *Encyclopedia* <https://encyclopedia.pub/9813>.

9. Georganas A., Giamouri E., Christodoulou C., Mavrommatis A., **Zoidis E.**, Papadomichelakis G., Simitzis P.E., Tsiplakou E., Pappas A.C. and Fegeros K. (2021) Impact of Bioactive Compounds on Animals and the Environment, *Nova Science Publishers*, New York, USA.

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## 11. CONFERENCE PRESENTATIONS

1. **Zoidis E.**, Bianda T., Keller C., Gosteli-Peter M., Zapf J., Schmid C. (1998) "Effects of short-term treatment with insulin-like growth factor (IGF) I on serum phosphate (Pi) in growth hormone (GH)-deficient rats and human adults". 7<sup>th</sup> Workshop on Cell Biology of Bone and Cartilage in Health and Disease, Davos, Switzerland, March 14-17, 1998 (Bone 22, 3, 245, C92).

2. **Zoidis E.**, Keller C., Zapf J., Schmid C. (1999) "Phosphate regulating gene with homology to endopeptidases on the X chromosome (PHEX): cloning from rat calvarial bone and sequencing, tissue-specific and age-dependent mRNA expression, and stimulation by growth hormone (GH) and insulin-like growth factor (IGF) I". 26<sup>th</sup> European Symposium on Calcified Tissues, Maastricht, Netherlands, May 7-11, 1999 (Calcif Tissue Int 64, 1, S91, P-165).

3. **Zoidis E.**, Gosteli-Peter M., Bouillon R., Weckbecker G., Schmid C., Zapf J. (1999) "Effects of growth hormone (GH) and insulin-like growth factor (IGF) I on serum urea, renal phosphate handling and 1,25-(OH)<sub>2</sub>D<sub>3</sub> production are not prevented by octreotide treatment in hypophysectomized (hypox) rats". 26<sup>th</sup> European Symposium on Calcified Tissues, Maastricht, Netherlands, May 7-11, 1999 (Calcif Tissue Int 64, 1, S91, P-166).

- 4. Zoidis E.**, Keller C., Gosteli-Peter M., Schmid C. (1999) "Expression of Unique Na-dependent (Naa) Phosphate (Pi) Transporter (Pit)-Related Transcripts in Rat Tissues (i.e., Bones and Lungs) Expressing Phosphate Regulating Gene with Homology to Endopeptidases on the X Chromosome (Phex)". 21<sup>st</sup> Annual Meeting of the American Society for Bone and Mineral Research, St. Louis, IL, June, 1999 (J Bone Miner Res 14, S348, SA158).
- 5.** Meinel L., Zapf J., **Zoidis E.**, Illi O.E., Gander B., v. Rechenberg B., Merkle H.P. (2000) "Controlled local delivery of IGF-I induces new bone formation". Davos Tissue Engineering Workshop, Davos, 16-20 February 2000.
- 6.** Meinel L., **Zoidis E.**, Zapf J., Illi O.E., Merkle H.P., Gander B., v. Rechenberg B. (2000) "Controlled local delivery of IGF-I induces new bone formation". 3<sup>rd</sup> Word Meeting on Pharmaceutics and Biopharmaceutics Pharmaceutical Technology, Berlin, 3-6 April 2000.
- 7.** Meinel L., Gander B., Zapf J., **Zoidis E.**, Illi O.E., Merkle H.P., v. Rechenberg B. (2000) "Controlled local delivery of IGF-I induces new bone formation: histology and alterations in gene expression". Millennial World Congress of Pharmaceutical Sciences, San Francisco, 16-20 April 2000.
- 8.** Meinel L., Zapf J., **Zoidis E.**, Illi O.E., Merkle H.P., Gander B., v. Rechenberg B. (2000) "Controlled local delivery of IGF-I induces new bone formation". Annual Meeting Swiss Society of Biomaterials, Davos, June 8-9, 2000.
- 9.** Meinel L., **Zoidis E.**, Zapf J., Illi O.E., Merkle H.P., Gander B., v. Rechenberg B. (2000) "Profile of local factors in a bone defect". 9<sup>th</sup> Annual Scientific Meeting, European College of Veterinary Surgeons, Bern, 7-9 July 2000.

**10.** Meinel L., **Zoidis E.**, Zapf J., Illi O.E., Merkle H.P., Gander B., v. Rechenberg B. (2000) “Controlled local delivery of IGF-I induces new bone formation”. 27<sup>th</sup> Meeting of the controlled release society, Paris, 7-13 July 2000.

**11.** Meinel L., **Zoidis E.**, Zapf J., Illi O.E., Merkle H.P., Gander B., v. Rechenberg B. (2000) “Controlled local delivery of IGF-I induces new bone formation”. GPEN 2000, Uppsala, Sweden, September 2000.

**12.** Meinel L., **Zoidis E.**, Zapf J., Illi O.E., Merkle H.P., Gander B., v. Rechenberg B. (2001) “Controlled localized delivery of IGF-I to enhance new bone formation in defects”. 10<sup>th</sup> International Symposium of recent advances in Drug delivery Systems, February 19-22, 2001, Salt Lake City.

**13.** **Zoidis E.**, Ghirlanda C., Gosteli-Peter M., Zapf J., Schmid C. (2001) “Osteoblast Phosphate (Pi) Transport and Pi Transporter mRNA Regulation by extracellular Pi in vitro”. 1<sup>st</sup> Join Meeting of the international Bone and Mineral Society and the European Calcified Tissue Society, Madrid, June 5-10/2001 (Bone 28, 5).

**14.** **Zoidis E.**, Ghirlanda C., Tisa K., Gosteli-Peter M., Weder W., Zapf J., Schmid C. (2001) “PHEX Gene-Expression in Human Lung and A549 cells”. 1<sup>st</sup> Join Meeting of the international Bone and Mineral Society and the European Calcified Tissue Society, Madrid, June 5-10/2001 (Bone 28, 5).

**15.** Meinel L., **Zoidis E.**, Gander B., Zapf J., Illi O.E., Merkle H.P., v. Rechenberg B. (2001) “Controlled localized delivery of IGF-I induces new bone formation: histology and alterations in gene expression”. **Pharmacia Leonardo Award 2000**, March 28-29, 2001, Milan.

**16.** Luginbühl V., v. Rechenberg B., Zapf J., **Zoidis E.**, Auer J.A., Merkle H.P., Meinel L. (2002) “Controlled localized delivery of insulin like growth factor I (IGF I) induces new bone formation: The significance of release kinetics”. 8<sup>th</sup> General

Meeting of the Swiss Society for Biomaterials, May 22, 2002, Geneva, CH (European Cells and Materials 3, S 1, p 3-4).

**17.** Luginbühl V., v. Rechenberg B., Zapf J., **Zoidis E.**, Auer J.A., Gander B., Merkle H.P., Meinel L. (2004) "Controlled delivery of IGF I. Correlations of release kinetics and osteogenesis." International Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical technology, Nuernberg, March 18, 2004.

**18.** Maake C., Jevdjovic T., Eppler E., **Zoidis E.**, Zapf J., Reinecke M. (2004) "Effects of insulin-like growth factor-I treatment on the endocrine pancreas of hypophysectomized rats: comparison with growth hormone replacement". Anatomische Gesellschaft: 99<sup>th</sup> Annual Meeting 2004 (Annal Anat 186 (Suppl.), 69).

**19.** Chatzilazarou A., Gortzi O., Bratakos M., Tsaknis J., **Zoidis E.**, Lalas S. (2005) "Quality changes of olive oil and selected vegetable oils during frying." Traditional Mediterranean Diet: Past, Present, and Future, 2<sup>nd</sup> International Conference, Athens April 21-22, 2005.

**20.** Papadomichelakis G., Mountzouris K., **Zoidis E.**, Koukidis N., Karmis C., Giapintzi V. (2007) "Effects of dietary benzoic acid in rabbit feeding". 23<sup>rd</sup> Annual Meeting of HSAP, 2007, Volos, Greece.

**21.** Pappas A.C., **Zoidis E.**, Siakantari M., Papadomichelakis G., Zervas G. (2008) "Effects of dietary selenium addition on productive and biochemical traits in broilers". 24<sup>th</sup> Annual Meeting of HSAP, 2008, Arta, Greece.

**22.** Pouloupoulou I., **Zoidis E.**, Tsoufi V., Masouras T., Hatzigeorgiou I. (2008) "Identification of terpenes and effect of their administration on blood and physicochemical characteristics of goat milk". 24<sup>th</sup> Annual Meeting of HSAP, 2008, Arta, Greece.

**23.** Pouloupoulou I., Hatzigeorgiou I., **Zoidis E.**, Tsoufi V., Masouras T. (2008) "Identification of terpenes and effect of their administration on the physicochemical

characteristics of goat milk”. 1<sup>st</sup> National Scientific Conference for Milk and Milk Products, Athens, Greece.

**24.** Hadjigeorgiou I., Pouloupoulou I., **Zoidis E.**, Masouras T. (2009) “Effects of terpenes oral administration on their transfer in goat milk”. XI<sup>e</sup> International Symposium on Ruminant Physiology (ISRP 2009), URH-Equipe TALL, INRA–Theix, 63122 Saint Genès Champanelle, France.

**25.** **Zoidis E.**, Pappas A.C., Georgiou C.A., Fegeros K. (2009) “Effects of selenium on broiler performance and the expression of antioxidant enzymes”. 25<sup>th</sup> Annual Meeting of HSAP, 2009, Nafplio, Greece.

**26.** Pappas A.C., **Zoidis E.**, Zervou A., Theophilou N., Fegeros K., Zervas G. (2009) “Effects of palygorskite on broiler performance”. 25<sup>th</sup> Annual Meeting of HSAP, 2009, Nafplio, Greece.

**27.** Lippas T., Papadomichelakis G., **Zoidis E.**, Mountzouris K., Stefanakis D., Fegeros K. (2009) “Nutritive evaluation of crude glycerol in pig diets”. 25<sup>th</sup> Annual Meeting of HSAP, 2009, Nafplio, Greece.

**28.** Arvaniti K., Papadomichelakis G., **Zoidis E.**, Mountzouris K., Pappas A.C., Tsiropoulou C.E., Fegeros K. (2009) “Efficacy of crude glycerol in broiler feeding”. 25<sup>th</sup> Annual Meeting of HSAP, 2009, Nafplio, Greece.

**29.** Pouloupoulou I., Hatzigeorgiou I., **Zoidis E.**, Masouras T., Avramidou E., Zoidou E. (2009) “Identification of terpenes and effect of their administration on the physicochemical characteristics of sheep milk”. 25<sup>th</sup> Annual Meeting of HSAP, 2009, Nafplio, Greece.

**30.** **Zoidis E.**, Papadomichelakis G., Mountzouris K.C., Pappas A.C., Arvaniti K., Fegeros K. (2010) “Dietary glycerol level effects on performance traits, glycerol kinase gene expression and gut microbiota in broilers”. 61<sup>st</sup> Annual Meeting of the European Association for Animal Production, Heraklion, Greece, 23-27 August 2010.



- 31.** Papadomichelakis G., Mountzouris K.C., **Zoidis E.**, Pappas A.C., Arvaniti K., Fegeros K. (2010) “Effects of dietary glycerol addition on the intramuscular fatty acid composition in broilers”. 61<sup>st</sup> Annual Meeting of the European Association for Animal Production, Heraklion, Greece, 23-27 August 2010.
- 32.** Papadomichelakis G., **Zoidis E.**, Mountzouris K.C., Lippas T., Fegeros K. (2010) “Effects of dietary glycerol on glycerol kinase gene expression and gut microbiota in growing piglets”. 61<sup>st</sup> Annual Meeting of the European Association for Animal Production, Heraklion, Greece, 23-27 August 2010.
- 33.** Lippas T., Papadomichelakis G., **Zoidis E.**, Mountzouris K.C., Fegeros K. (2010) “Preliminary study on the effects of crude glycerol on the intramuscular fatty acid composition in growing pigs”. 61<sup>st</sup> Annual Meeting of the European Association for Animal Production, Heraklion, Greece, 23-27 August 2010.
- 34.** Hadjigeorgiou I., Kasomoulis I., Gogas A., **Zoidis E.** (2010) “Effects of saline water on food and water intake, blood and urine electrolytes and biochemical and hematological parameters in male goats”. 61<sup>st</sup> Annual Meeting of the European Association for Animal Production, Heraklion, Greece, 23-27 August 2010.
- 35.** Pouloupoulou I., Hadjigeorgiou I., **Zoidis E.**, Avramidou S., Masouras T. (2010) “Effects of terpenes oral administration in blood plasma and milk concentration and some physicochemical characteristics of sheep milk”. 61<sup>st</sup> Annual Meeting of the European Association for Animal Production, Heraklion, Greece, 23-27 August 2010.
- 36.** Pouloupoulou I., Hadjigeorgiou I., **Zoidis E.**, Masouras T. (2011) “Comparative study of terpenes concentration in blood plasma and milk of sheep and goats fed indoors”. IDF International Symposium on Sheep, Goat and other non-Cow Milk, Athens, Greece, May 16-18, 2011.

- 37.** Al-Waeli A., Pappas A.C., **Zoidis E.**, Demiris N., Fegeros K., Zervas G. (2011), “Accumulation and interaction of trace elements in broilers». 26<sup>th</sup> Annual Meeting of HSAP, 2011, Chalkida, Greece.
- 38.** Massouras Th., Hadjigeorgiou I., **Zoidis E.**, Pouloupoulou I., Tsoufi B. (2012) “Modification of milk and cheese fatty acid profile, affected by terpenes administration to dairy goats”. 11<sup>th</sup> International Conference on Goats, Canary Isles (Spain), September 24-27, 2012
- 39.** Papadomichelakis G., Pappas A.C., Terzi D., Giasemi G., Georgiou C., **Zoidis E.** (2012) “Effect of organic selenium supplementation in developing rabbits’ feed on their performance and selenium concentration in different tissues” 27<sup>th</sup> Annual Meeting of HSAP, 2012, Trikala, Greece.
- 40.** Pappas A.C., Zoidis E., Koutina V., Al-Waeli A., Fegeros K., Zervas G. (2012) “The role of organic selenium in cadmium toxicity: Interactions with essential and toxic elements in broilers’ tissues”. 27<sup>th</sup> Annual Meeting of HSAP, 2012, Trikala, Greece.
- 41.** **Zoidis E.**, Papadomichelakis G., Scharfenberger-Karafygiotis A., Terzi D., Giasemi G., Danezis G., Georgiou C.A., Pappas A.C. (2014) “The role of organic selenium in the quality of rabbit meat”. 29<sup>th</sup> Annual Meeting of HSAP, 2014, Kyparissia, Greece.
- 42.** Danezis G., Pappas A.C., **Zoidis E.**, Papadomichelakis G., Vavvas C., Spilioti M., Georgiou C.A., Hadjigeorgiou I. (2014) “Qualitative characteristics examination of wild rabbit’s game meat from Limnos Island”. 29<sup>th</sup> Annual Meeting of HSAP, 2014, Kyparissia, Greece.
- 43.** Danezis G., Tsagkaris A., **Zoidis E.**, Pappas A. C., Papachristidis C., Vavvas C., Papadomichelakis G., Hadjigeorgiou I., Brusica V., Georgiou C. A. (2015) “Rare earth elements & actinides accumulation patterns in game meat, backyard and commercial rabbits”. 9<sup>th</sup> International Conference on "Instrumental Methods of

Analysis - Modern Trends and Applications", 20-24 September 2015, Kalamata, Greece.

**44.** Danezis G., Pappas A. C., **Zoidis E.**, Papachristidis C., Vavvas C., Papadomichelakis G., Hadjigeorgiou I., Brusic V., Georgiou C. A. (2015) "Authentication of game meat through rare earth and trace element profile: The case of Limnos Island wild rabbits". 9<sup>th</sup> International Conference on "Instrumental Methods of Analysis - Modern Trends and Applications", 20-24 September 2015, Kalamata, Greece.

**45.** Danezis G., Pappas A.C., **Zoidis E.**, Papadomichelakis G., Papachristidis C., Vavvas C., Hadjigeorgiou I., Georgiou1 C. A. (2015) "Authentication of game meat through chemometric analysis of rare earth and trace element fingerprint: The case of Limnos Island wild rabbits". 30<sup>th</sup> Annual Meeting of HSAP, 2015, Giannitsa, Greece.

**46.** Danezis G., Pappas A.C., **Zoidis E.**, Papachristidis C., Vavvas C., Papadomichelakis G., Hadjigeorgiou I., Brusic V., Georgiou1 C. A. (2015) "Seasonal variation of rare earth and trace elements in game meat: Limnos wild rabbits". 29<sup>th</sup> EFFoST International Conference, "Food Science Research and Innovation: Delivering sustainable solutions to the global economy and society", 10-12 November 2015, Athens, Greece.

**47.** Georgiou C., Brusic V., Zhang P., Danezis G., Theodorou Ch., Pappas A., **Zoidis E.**, Masouras Th., Pappa E., Sotirakoglou K., Hadjigeorgiou I. (2016) "Elemental Metabolomics: Definition, application to the authentication of milk / products and determination of origin" 4<sup>th</sup> Dairy Expo 2016, Athens 30 September - 2 October 2016, Greece.

**48.** Theodorou Ch., Danezis G., Masouras Th., **Zoidis E.**, Hadjigeorgiou I., Georgiou C. (2016) "The rare earth elements' profile as an indicator of the origin of Greek Graviera cheeses" 31<sup>st</sup> Annual Meeting of HSAP, 2016, Serres 5-7/10/16, Greece.

**49.** Kampantais D., Katsoulas P., Simitzis P., Charismiadou M., Papadomichelakis G., Goliomytis M., **Zoidis E.**, (2016). “Effect of feed enrichment with orange pulp and organic selenium on meat quality of broiler chickens”. 31<sup>st</sup> Annual Meeting of HSAP, 2016, Serres 5-7/10/16, Greece.

**50.** Spilioti M., **Zoidis E.**, Papadomichelakis G., Tsimpoukas K. (2016) “Business plan: The establishment of a rabbit farm and the marketing of innovative rabbit meat products & sausages”. 14<sup>th</sup> Panhellenic Agricultural Economics Conference New CFP and Reconstruction of the Rural Economy. Volos 20-21/10/16, Greece.

**51.** Spilioti M., **Zoidis E.**, Papadomichelakis G., Tsimpoukas K. (2017) “Business plan: The establishment of a rabbit farm and the marketing of innovative rabbit meat products & sausages”. 14<sup>th</sup> Student Congress of Administrative Science and Technology. Athens, 27 April 2017, Greece.

**52.** Spilioti M., **Zoidis E.**, Papadomichelakis G., Tsimpoukas K. (2017) “Business plan: The establishment of a rabbit farm and the marketing of innovative rabbit meat products & sausages”. HAICTA 2017, 8<sup>th</sup> International Conference on Information & Communication Technologies in Agriculture, Food and Environment, September 21-24, 2017, Chania, Crete, Greece.

**53.** Kominakis A., Hager-Theodorides A.L., **Zoidis E.**, Saridaki A., Antonakos G., Tsiamis G. (2017) “Candidate genes for body size in sheep”. 32<sup>nd</sup> Annual Meeting of HSAP, 2017, Larisa, Greece.

**54.** G.P. Danezis, A.S. Tsagkaris, A.C. Pappas, **E. Zoidis**, G. Papadomichelakis, I.E. Hadjigeorgiou and C.A. Georgiou (2017) “Multi-element method validation for rare earths, precious metals and trace elements determination through ICP-MS in meat products”. 10<sup>th</sup> International Conference on "Instrumental Methods of Analysis: Modern Trends and Applications", IMA-2017, 17-21 September 2017, Heraklion – Crete, Greece.

**55.** Kyriazi E., Kokkou B., **Zoidis E.**, Goliomytis M., Simitzis P. (2018) “Effect of feed enrichment with orange pulp and organic selenium on behavioral parameters of broiler chickens”. 33<sup>rd</sup> Annual Meeting of HSAP, 2018, Preveza, Greece.

**56. Zoidis E.**, Pappas A.C., GoliomytisM., Simitzis P., Sotirakoglou K., Tavrizelou S., Danezis G., Georgiou C.A. (2022) “Effects of dietary supplementation with flavonoids and orange pulp (*Citrus sinensis*) on the egg metallome”. 34<sup>th</sup> Panhellenic Statistics Conference - "Statistics and Experimental Sciences", 19-22 May 2022, Athens, Greece.

**57. Zoidis E.**, Pappas A.C., GoliomytisM., Simitzis P., Sotirakoglou K., Tavrizelou S., Danezis G., Georgiou C.A. (2022) “Effects of dietary supplementation with flavonoids and orange pulp on the egg elemental profile with chemometric analysis”. 36<sup>th</sup> Annual Meeting of HSAP, 2022, Agrinio, Greece.

\* *Underlined are conference presentations which are not related to already published works*

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## **12. PUBLICATIONS IN PEER-REVIEWED JOURNALS**

**1. Zoidis E.\***, Zapf J. and Schmid C. (2000). Phex cDNA cloning from rat bone and studies on Phex mRNA expression: Tissue-specificity, age-dependency, and regulation by insulin-like growth factor (IGF) I *in vivo*. *Molecular and Cellular Endocrinology* 168, 41-51

**2. Zoidis E.\***, Gosteli-Peter M., Ghirlanda-Keller C., Meinel L., Zapf J. and Schmid C. (2002). IGF I and GH stimulate Phex mRNA expression in lungs and bones and 1,25-dihydroxyvitamin D<sub>3</sub> production in hypophysectomized rats. *European Journal of Endocrinology* 146, 97-105

**3. Meinel L., Zoidis E.**, Zapf J., Hassa P., Hottiger M.O., Auer J.A., Schneider R., Gander B., Luginbuehl V., Bettschart-Wolfisberger R., Illi O.E., Merkle H.P., von Rechenberg B. (2003). Localized insulin-like growth factor I delivery to enhance new bone formation. *Bone* 33, 660-72

**4. Zoidis E.\***, Ghirlanda C., Gosteli-Peter M., Zapf J., Schmid Ch. (2004). Regulation of phosphate (Pi) transport and NaPi-III transporter (Pit 1) mRNA in rat osteoblasts. *Journal of Endocrinology* 181, 531-540

**5. Jevdjovic T.**, Maake C., Eppler E., **Zoidis E.**, Reinecke M. and Zapf J. (2004). Effects of insulin-like growth factor (IGF)-I treatment on the endocrine pancreas of hypophysectomized (hypox) rats: comparison with growth hormone (GH) replacement. *European Journal of Endocrinology* 151, 223-231

**6. Chatzilazarou A.**, Gortzi O., Lalas S., **Zoidis E.** and Tsaknis J. (2006). Physicochemical changes of olive oil and selected vegetable oils during frying. *Journal of Food Biochemistry* 13, 27-35

After the election at the rank of Lecturer

**7. Pappas A.C.**, **Zoidis E.**, Surai P.F., Zervas G. (2008). Selenoproteins and maternal nutrition. *Comparative Biochemistry and Physiology B*.-151, 361-372

**8. Pouloupoulou I.**, Hatzigeorgiou I., **Zoidis E.**, Tsoufi V., Masouras T. (2009). Effects of terpenes administration in the physiochemical characteristics of goat milk. *Greek Journal of Dairy Science and Technology*, Special Issue 2009, 72-81

**9. Jin C.**, **Zoidis E.\***, Ghirlanda C., Schmid Ch. (2010). Dexamethasone and Cyclic AMP Regulate Sodium Phosphate Cotransporter (NaPi-IIb and Pit-1) mRNA and Phosphate Uptake in Rat Alveolar Type II Epithelial Cells. *Lung* 188, 51-61

**10. Zoidis E.\***, Pappas A.C., Georgiou C.A., Komaitis E., Fegeros K. (2010). Selenium affects the expression of GPx4 and catalase in the liver of chicken. *Comparative Biochemistry and Physiology B*.-155, 294-300

**11. Pappas A.C.**, **Zoidis E.**, Theophilou N., Zervas G. and Fegeros K. (2010). Effects of palygorskite on broiler performance, feed technological characteristics and litter quality. *Applied Clay Science* 49, 276-280

- 12.** Papadomichelakis G., Mountzouris K.C., **Zoidis E.**, Fegeros K. (2011). Influence of dietary benzoic acid addition on nutrient digestibility and selected biochemical parameters in fattening rabbits. *Animal Feed Science and Technology* 163, 207-213
- 13.** **Zoidis E.\***, Ghirlanda-Keller C., Schmid Ch. (2011). Stimulation of glucose transport in osteoblastic cells by parathyroid hormone and insulin-like growth factor I. *Molecular and Cellular Biochemistry* 348, 33-42
- 14.** Pouloupoulou I., **Zoidis E.**, Massouras T., Hadjigeorgiou I. (2012). Terpenes transfer to milk and cheese after oral administration to sheep fed indoors. *Journal of Animal Physiology and Animal Nutrition* 96, 172-181
- 15.** Pappas A.C., **Zoidis E.**, Georgiou C.A., Demiris N., Surai P.F., Fegeros K. (2011). Influence of organic selenium supplementation on the accumulation of toxic and essential trace elements involved in the antioxidant system of chicken. *Food Additives and Contaminants-A*. 28, 446–454
- 16.** Pappas A.C., **Zoidis E.**, Papadomichelakis G., Fegeros K. (2012). Supranutritional selenium level affects fatty acid composition and oxidative stability of chicken breast muscle tissue. *Journal of Animal Physiology and Animal Nutrition* 96, 385-394
- 17.** Papadomichelakis G, **Zoidis E.**, Fegeros K. (2011). Dietarily induced changes in liver composition and weight of fattening rabbits. *Livestock Science* 144, 190-196
- 18.** **Zoidis E.\***, Ghirlanda-Keller C., Schmid C. (2012). Triiodothyronine stimulates glucose transport in osteoblastic cells. *Endocrine* 41, 501-511
- 19.** Schmid C., Ghirlanda-Keller C., Zwimpfer C., **Zoidis E.** (2012). Triiodothyronine stimulates cystatin C production in osteoblastic cells. *Biochemical and Biophysical Research Communications* 419, 425-430

**20.** Pouloupoulou I., **Zoidis E.**, Massouras T., Hadjigeorgiou I. (2012). Transfer of orally administered terpenes in goat milk and cheese. *Asian-Australasian Journal of Animal Sciences* 25, 1411-1418

**21.** Al-Waeli A., **Zoidis E.\***, Pappas A.C., Georgiou C.A., Zervas G., Fegeros K. (2013). The role of organic selenium in cadmium toxicity: Effects on broiler performance and health status. *Animal* 7, 386-393

**22.** Al-Waeli A., Pappas A.C., **Zoidis E.**, Georgiou C.A., Zervas G., Fegeros K. (2012). The role of selenium in cadmium toxicity: Interactions with essential and toxic elements. *British Poultry Science* 53, 817-827

**23.** Papadomichelakis G., **Zoidis E.**, Mountzouris K.C., Lippas T., Fegeros K. (2012). Glycerine kinase gene expression, nutrient digestibility and gut microbiota composition in post-weaned pigs fed diets with increasing crude glycerine levels. *Animal Feed Science and Technology* 177, 247-252

**24.** Luginbuehl V., **Zoidis E.**, Meinel L., v. Rechenberg B., Gander B., Merkle H.P. (2013). Impact of IGF-I release kinetics on bone healing: a preliminary study in sheep. *European Journal of Pharmaceutics and Biopharmaceutics* 85, 99-106

**25.** **Zoidis E.\***, Demir N., Kominakis A., Pappas A.C. (2014). Meta-analysis of selenium accumulation and expression of antioxidant enzymes in chicken tissues. *Animal* 8, 542-554

*After the election at the rank of Assistant Professor*

**26.** Papadomichelakis G., Pappas A.C., **Zoidis E.**, Mountzouris K.C., Fegeros K. (2015). Impact of feeding increasing crude glycerine levels on growth performance, glycerine kinase gene expression, nutrient digestibility, and litter quality in broilers. *Livestock Science* 181, 89-95

**27.** **Zoidis Evangelos**, Hadjigeorgiou Ioannis (2017). Effects of drinking saline water on food and water intake, blood and urine electrolytes and biochemical and



hematological parameters in goats: a preliminary study. *Animal Production Science* 58, 1822-1828

**28.** Kominakis A., Hager-Theodorides A.L., **Zoidis E.**, Saridaki A., Antonakos G., Tsiamis G. (2017). Combined GWAS and 'guilt by association'-based prioritization analysis identifies functional candidate genes for body size in sheep. *Genetics Selection Evolution* 49, 41

**29.** Papadomichelakis G., **Zoidis E.**, Pappas A.C., Mountzouris K.C., Fegeros K. (2017). Effects of increasing dietary organic selenium levels on meat fatty acid composition and oxidative stability in growing rabbits. *Meat Science* 131, 132-138

**30.** Papadomichelakis G., **E. Zoidis**, A.C. Pappas, Hadjigeorgiou I. (2017). Seasonal variations in the fatty acid composition of Greek wild rabbit meat. *Meat Science* 134, 158-162

**31.** Reza Bakhshalinejad, Reza Akbari Moghaddam Kakhki, **Evangelos Zoidis** (2017). Effects of different dietary sources and levels of selenium supplements on growth performance, antioxidant status and immune parameters in Ross 308 broiler chicken. *British Poultry Science* 59, 81-91

**32.** G. P. Danezis, A. C. Pappas, **E. Zoidis**, C. Vavvas, G. Papadomichelakis, I. Hadjigeorgiou, P. Zhang, V. Brusic, C. A. Georgiou (2017). Game meat authentication through Rare Earth Elements fingerprinting. *Analytica Chimica Acta* 991, 46-57

**33.** Spilioti, M., **Zoidis, E.**, Papadomichelakis, G., Tsiboukas, K. (2017). Business plan: The establishment of a rabbit farm and the marketing of innovative rabbit meat products and sausages. *CEUR Workshop Proceedings* 2030, 447-454

**34.** **Zoidis E.**, Pouloupoulou I., Tsoufi V., Massouras T., Hadjigeorgiou I. (2018). Effects of terpenes administration on goats' milk fatty acid profile and coagulation properties. *International Journal of Dairy Technology* 71, 992-996

- 35. Zoidis E\***, Seremelis I., Kontopoulos N., Danezis G. (2018). Selenium-dependent antioxidant enzymes: Actions and properties of selenoproteins. *Antioxidants* 7(5), 66
  
- 36.** Papadomichelakis G., **Zoidis E.**, Pappas A.C., G. Danezis, C. A. Georgiou, K. Fegeros (2018). Dietary organic selenium addition and accumulation of toxic and essential trace elements in liver and meat of growing rabbits. *Meat Science* 145, 383–388
  
- 37.** Zahra Mousavi, Reza Akbari Moghaddam Kakhki, Reza Bakhshalinejad, **Evangelos Zoidis** (2018). Interactive effects of  $\alpha$ -tocopheryl acetate and zinc supplementation on the antioxidant and immune systems of broilers. *British Poultry Science* 6, 679-688
  
- 38.** Izhar Hyder Qazi, Christiana Angel, Haoxuan Yang, Bo Pan, **Evangelos Zoidis**, Chang-Jun Zeng, Hongbing Han and Guang-Bin Zhou (2018). Selenium, Selenoproteins and Female Reproduction: A Review. *Molecules* 23(12), 3053
  
- 39.** G. Papadomichelakis, A.C. Pappas, **E. Zoidis**, G. Danezis, C.A. Georgiou, K. Fegeros (2018). Blood and hair as trace element biological indicators following dietary administration of organic selenium in growing rabbits. *World Rabbit Science* 27, 21-30
  
- 40.** A. Saridaki, G. Antonakos, A.L. Hager-Theodorides, **E. Zoidis**, G. Tsiamis , K. Bourtzis, and A. Kominakis (2019). Combined haplotype blocks regression and multi-locus mixed model analysis reveals novel candidate genes associated with milk traits in dairy sheep. *Livestock Science* 220, 8-16
  
- 41.** Georgios P. Danezis, Charis Theodorou, Theofilos Massouras, **Evangelos Zoidis**, Ioannis Hadjigeorgiou, Constantinos A. Georgiou (2019). Greek Graviera cheeses assessment through elemental metabolomics – Implications for authentication, safety and nutrition. *Molecules* 24(4), 670

**42.** G. Danezis, **E. Zoidis**, A.C. Pappas, A. Tsagkaris, G. Papadomichelakis, I. Hadjigeorgiou, P. Zhang, C. A. Georgiou (2019). Tissue distribution of rare earth elements in wild, commercial and backyard rabbits. *Meat Science* 153, 45-50

After the appointment as Tenured Assistant Professor

**43.** A.C. Pappas, **E. Zoidis**, and S.E. Chadio (2019). Maternal selenium and developmental programming. *Antioxidants*, 8(5), 145

**44.** **E. Zoidis\***, G. Papadomichelakis, A.C. Pappas, G. Theodorou, and K. Fegeros (2019). Effects of selenium and cadmium on breast muscle fatty-acid composition and gene expression of liver antioxidant proteins in broilers. *Antioxidants*, 8(5), 147

**45.** Isidoros Seremelis, Georgios P. Danezis, Athanasios C. Pappas, **Evangelos Zoidis\***, and Kostas Fegeros (2019). Avian Stress-Related Transcriptome and Selenotranscriptome: Role during Exposure to Heavy Metals and Heat Stress. *Antioxidants*, 8(7), 216

**46.** Qazi I.H., Angel C., Yang H., **Zoidis E.**, Pan B., Wu Z., Ming Z., Zeng C.J., Meng Q., Han H., Zhou G. (2019). Role of Selenium and Selenoproteins in Male Reproductive Function: A Review of Past and Present Evidences. *Antioxidants*, 8(8), 268

**47.** A.C. Pappas, **E. Zoidis**, M. Goliomytis, P. Simitzis, K. Sotirakoglou, M. Charismiadou, C. Nikitas, G. Danezis, S. Deligeorgis, C. Georgiou (2019). Elemental Metabolomics: Modulation of egg metallome with flavonoids, an exploratory study. *Antioxidants* 8, 361

**48.** **E. Zoidis\***, A.C. Pappas, A. Al-Waeli, C.A. Georgiou, G.P. Danezis, N. Demiris, G. Zervas, K. Fegeros (2020). Effects of selenium and zinc supplementation on cadmium toxicity in broilers. *Turkish Journal of Veterinary and Animal Sciences*, 44, pp. 331-336

**49.** Pouloupoulou I., **Zoidis E.**, Avramidou S., Massouras T. and Hadjigeorgiou I. (2020). Effects of terpenes administration on fatty acid profile and coagulation

properties of ewes' milk. *Emirates Journal of Food and Agriculture*, DOI: 10.9755/ejfa.2019.v31.i12.2048

**50. Zoidis\*** E., Pappas, A.C., Goliomytis, M., Simitzis, P.E., Sotirakoglou, K., Tavrizelou, S., Danezis, G., Georgiou, C.A. (2021). Quercetin and Egg Metallome. *Antioxidants*, 10, 80.

**51.** Mavrommatis A., Giamouri E., Tavrizelou S., Zacharioudaki M., Danezis G, Simitzis P.E., **Zoidis E.**, Tsiplakou E., Pappas A.C., Georgiou C.A., Fegeros K. (2021). Impact of Mycotoxins on Animals' Oxidative Status. *Antioxidants*, 10, 214.

**52.** A.L. Hager-Theodorides, T. Massouras, K. Moschou, P.E. Simitzis, **E. Zoidis**, E. Sfakianaki, K. Politi, M. Charismiadou, M. Goliomytis, S. Deligeorgis (2021). Hesperidin and Naringin improve broiler meat fatty acid profile and modulate the expression of genes involved in fatty acid  $\beta$ -oxidation and antioxidant defense in a dose dependent manner. *Foods* 2021, 10, 739.

**53.** Mavrommatis A., Giamouri E., Evergetis E., Mirtsi E., Philippi K., Papapostolou H., Kouloheri S., **Zoidis E.**, Flemetakis E., Pappas A.C., Koutinas A., Haroutounian S., Tsiplakou E. (2021). Antioxidant Status of Broiler Chickens Fed Diets Supplemented with Vinification By-products: A Valorization Approach. *Antioxidants*, 10, 1250.

**54. Zoidis E.**, Simitzis P., Kapantais D., Katsoulas P., Pappas A.C., Papadomichelakis G., Goliomytis M. (2022) Dietary Orange Pulp and Organic Selenium Effects on Growth Performance, Meat Quality, Fatty Acid Profile, and Oxidative Stability Parameters of Broiler Chickens. *Sustainability* 14, 1534.

**\* corresponding author**

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### 13. JOURNAL IMPACT FACTORS (IF)

- Analytica Chimica Acta: **IF= 6,911**
- Animal Feed Science and Technology (2x): **IF= 3,313**
- Animal (2x): **IF= 3,37**
- Animal Production Science: **IF= 1,57**
- Antioxidants (9x): **IF= 7,675**
- Applied Clay Science: **IF= 5,907**
- Asian-Australasian Journal of Animal Sciences: **IF= 2,694**
- Biochemical and Biophysical Research Communications: **IF= 3,322**
- Bone: **IF= 4,626**
- British Poultry Science (3x): **IF= 1,892**
- Comparative Biochemistry and Physiology - B (2x): **IF= 2,495**
- Emirates Journal of Food and Agriculture: **IF= 1,031**
- Endocrine: **IF= 3,925**
- European Journal of Endocrinology (2x): **IF= 6,558**
- European Journal of Pharmaceutics and Biopharmaceutics: **IF= 5,589**
- Food Additives and Contaminants – A: **IF= 3,549**
- Foods: **IF= 5,561**
- Genetics Selection Evolution: **IF= 5,1**
- International Dairy Journal: **IF=**
- International Journal of Dairy Technology: **IF= 4,286**
- Journal of Animal Physiology and Animal Nutrition (2x): **IF= 2,718**
- Journal of Endocrinology: **IF= 4,669**
- Journal of Food Lipids now Journal of Food Biochemistry: **IF= 3,654**
- Livestock Science (3x): **IF= 1,929**
- Lung: **IF= 3,777**
- Meat Science (4x): **IF= 7,077**
- Molecular and Cellular Biochemistry: **IF= 3,842**
- Molecular and Cellular Endocrinology: **IF= 4,369**
- Molecules(2x): **IF= 4,927**
- Sustainability: **IF= 3,889**
- Turkish Journal of Veterinary and Animal Sciences: **IF= 0,597**

- World Rabbit Science: **IF= 1,0**

**Total Impact Factor = 236,1967**

**Average Impact Factor = 4,542**

**h Index = 24**

**Total Citations = >1950**

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## 14. SUMMARY OF SCIENTIFIC WORK

- Ph.D. Thesis in the University of Zurich, Switzerland entitled: “Regulation of Phex-Gene Expression and Relation to Phosphate Homeostasis.”
- Diploma Thesis in the University of Zurich, Switzerland entitled: “Subcloning and sequencing of the p65 domain of the NF- $\kappa$ B transcription factor. DNA binding studies of HeLa-cells nuclear extracts and the artificial polypeptide R42”
- **54** Publications in peer-reviewed journals
- **1** Book
- **8** Chapters in books
- **57** Conference presentations
- Coordinator of **1** Research Project
- Participation in **13** Research Projects (mostly as member in the main Research Teams)
- Associate Editor of **1** scientific journal
- Member of the Editorial Board of **4** scientific journals
- Twice Guest Editor of scientific journals
- Peer Reviewer of **47** scientific journals
- Supervision and/or participation as member of the Advisory Board in **93** Bachelor-, Master- and Ph.D. Theses