

Curriculum Vitae

PERSONAL INFORMATION	
Name/Surname	Maria Anastasiadou
Date & Place of birth	12/03/1983, Thessaloniki, Greece
Nationality	Greek
Gender	Female
Office Number	+30 2382031700
Researcher Orcid ID code	0000-0001-8199-0146
Email	marmogeo@gmail.com , anastasiadou@rias.gr

CURRENT POSITION
Researcher, Animal Research Institute, General Directory of Agricultural Research, Hellenic Agricultural Organization-DEMETER, Paralimni Giannitsa 58100, Greece.
Research Associate, Technological Educational Institute, Western Macedonia, Department of Animal Production, Kozani, Greece (2016 – date).

EDUCATION	
BSc Agriculture	Animal Production, Aristotle University of Thessaloniki, Greece (2006)
MSc Master of Science	Department of Animal Production, School of Agriculture, Aristotle University of Thessaloniki (2008)
PhD “Investigation of Molecular Defense Mechanisms in the Chicken Reproductive System”	Laboratory of Physiology of Reproduction of Farm Animals, Department of Animal Production, School of Agriculture, Aristotle University of Thessaloniki (2014)

REVIEWER

- For the following Scientific Journals:
 - Animal Reproduction Science
 - British Poultry Science
 - Reproductive Biology Insight
 - Journal of Veterinary Research and Animal Husbandry
 - Animal: An International Journal of Animal Bioscience
 - Heighpubs Journal of Case Reports
 - International Journal of Molecular Sciences
 - International Journal of Poultry and Fisheries Sciences
 - Annals of Burns and Trauma
 - SAJ Pharmacy and Pharmacology (SAJPP)
 - Journal of Agricultural Science
 - Journal of Genetic Medicine and Gene Therapy
 - Journal of Molecular Biology Research
 - Journal of Veterinary Science & Medical Diagnosis
 - Journal of Bioresearch Communications

- Insights in Veterinary Science
- Journal of Embryology
- Veterinary Open Access Open Journal (VOAOJ)
- Endocrine disorders
- Archives of Case Reports

- For the Scientific Conference: 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment September 21-24, 2017, Chania, Crete, Greece.

EDITORIAL BOARD MEMBER

- Journal of Biotechnology and Biomedical Science
- Journal of Embryology
- Journal of Annals of Burns and Trauma
- Journal of Advances in Cell Science and Tissue Culture
- Journal of Medical Microbiology and Immunology Research
- EC Endocrinology and Metabolic Research (ECEMR)
- ProClinS Veterinary
- Annals of Clinical & Experimental Immunology
- Insights in Veterinary Science
- Journal of Bacteriology and Vaccine Research
- Journal of Immunology Forecast
- Journal of Allergy & Inflammation
- Veterinary Sciences and Medicine (VSM)
- Journal of Hormonal Disorders and Endocrine Research (JHDER)
- Veterinary Open Access Open Journal (VOAOJ)
- United Journal of Agricultural Science and Research
- International Journal of Animal Science
- Animal Husbandry, Dairy and Veterinary Science
- Journal of Endocrine Disorders
- Journal of Molecular Biology and Biochemistry
- Journal of Veterinary and Animal Research
- Scientific Journal of Animal and Veterinary Science
- Journal of animal research and Nutrition
- International Journal of Agricultural Sciences and Food Technology

- Participation in the research seminar "Micromanipulation system and confocal microscope as powerful tools for oocytes and embryo investigation", as part of the ReProForce Research Project, Grand Agency: European Union's Seventh Framework Programme (FP7).

Research Interests: Physiology of Reproduction of Farm Animals, Reproductive Immunology, Reproductive Endocrinology, Animal Biotechnology, Molecular Biology, Genetics, Epigenetics, Molecular Mechanisms in the Reproductive System, Embryology, Endocrine Disruptors, Polymorphisms, Biomarkers, Biomolecular Interactions, Gene Expression and Regulation, Immunology, Fertility, Reproduction Disorders, Poultry, Cow, Sheep, Goats, Pigs, Farm Animals, Genes.

PUBLICATIONS

A. Articles in Peer - Reviewed Scientific Journals	
1.	Anastasiadou, M., Theodoridis, A., Avdi, M. and G. Michailidis, 2011. “Changes in the expression of Toll-like receptors in the chicken testis during sexual maturation and <i>Salmonella</i> infection”. <i>Animal Reproduction Science</i> , 128: 93-99. Impact factor: 1,897.
2.	Anastasiadou, M., Avdi, M., Theodoridis, A. and G. Michailidis, 2013. “Temporal changes in the expression of avian β -defensins in the chicken vagina during sexual maturation and <i>Salmonella</i> infection”, <i>Veterinary Research Communications</i> , 37: 115-122. Impact factor: 1,364.
3.	Anastasiadou, M., Avdi, M. and G. Michailidis, 2013. “Expression of avian β -defensins and Toll-like receptor genes in the rooster epididymis during growth and <i>Salmonella</i> infection”. <i>Animal Reproduction Science</i> , 140: 224-231. Impact factor: 1,897.
4.	Anastasiadou, M., Theodoridis, A. and G. Michailidis, 2014. “Effects of sexual maturation and <i>Salmonella</i> infection on the expression of avian β -defensin genes in the chicken testis”, <i>Veterinary Research Communications</i> , 38: 107-113. Impact factor: 1,364.
5.	Michailidis, G., Anastasiadou, M., Guibert, E. and P. Froment, 2014. “Activation of innate immune system in response to lipopolysaccharide in chicken Sertoli cells”. <i>Reproduction</i> , 148: 259-270. Impact factor: 3,555.
6.	Anastasiadou, M. and G. Michailidis, 2016. “Cytokine activation during embryonic development and in hen ovary and vagina during reproductive age and <i>Salmonella</i> infection”. <i>Research in Veterinary Science</i> , 109: 86–93. Impact factor: 1,571.
7.	Anastasiadou, M. and G. Michailidis, 2016. “Transcriptional changes of cytokines in rooster testis and epididymis during sexual maturation stages and <i>Salmonella</i> infection”. <i>Animal Reproduction Science</i> , 171: 41–48. Impact factor: 1,897.

B. National and International Conference Proceedings (refereed)

1. **Anastasiadou, M.**, Papigioti, E., Dotas, V., Garsen, A., Hatzizisis, L. and D. Dotas. “Performance and carcass characteristics of broiler chickens as affected by the dietary supplementation of *a*-tocopheryl acetate, anise (*Pimpinella anisum* L.) and lemon balm (*Melissa officinalis* L.)”. 1st Mediterranean Poultry Summit of World’s Poultry Science Association (WPSA), 7-10/5/2008, Chalkidiki, Greece.
2. Garsen, A., Dotas, V., **Anastasiadou, M.**, Nikolakakis, J., Mitsopoulos, J. and D. Dotas. “Performance and carcass characteristics of broilers as affected by the replacement of soyabean meal with chickpea (*Cicer Arietinum* L)”. 1st Mediterranean Poultry Summit of World’s Poultry Science Association (WPSA), 7-10/5/2008, Chalkidiki, Greece.
3. **Anastasiadou, M.**, Marantidis, A. and G. Michailidis. “Effects of *Salmonella* infection in the expression of Toll-like receptors 4 and 15 in the chicken reproductive organs”. 2nd Conference of the Balkan Network for the Biotechnology in Animal Reproduction, 24-25/3/2011, Sofia, Bulgaria.
4. Marantidis, A., **Anastasiadou, M.**, Avdi, M. and G. Michailidis. “Expression of Toll-like receptors in porcine reproductive organs”. 2nd Conference of the Balkan Network for the Biotechnology in Animal Reproduction, 24-25/3/2011, Sofia, Bulgaria.
5. **Anastasiadou, M.**, Avdi, M. and G. Michailidis. “Changes in the Expression of Toll-like Receptors in the Chicken Testis During Growth and in Response to *Salmonella* Infection”. 15th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 15-18/9/2011, Antalya, Turkey.
6. Michailidis, G. and **M. Anastasiadou**. “Effects of Age and *Salmonella* Infection on the Expression of Toll-like Receptors in the Chicken Epididymis”. 15th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 15-18/9/2011, Antalya, Turkey.
7. Marantidis, A., Michailidis, G., **Anastasiadou, M.**, Kalogiannis, D., Avdi, M. and S. Chadio. “Expression of Toll-like receptors in porcine granulosa cells”. 15th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 15-18/9/2011, Antalya, Turkey.
8. Michailidis, G., **Anastasiadou, M.** and P. Froment. “Changes in the expression of Toll-like receptors in response to lipopolysaccharide in chicken Sertoli cells”. 16th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 29/8 – 1/9/2012, Dublin, Ireland.
9. **Anastasiadou, M.**, Avdi, M. and G. Michailidis. “Expression of Avian β -Defensins During Growth and in Response to *Salmonella* Infection in the Chicken

Testis and Epididymis”. 16th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 29/8 – 1/9/2012, Dublin, Ireland.

10. Michailidis, G., Beek, J., Maes, D., **Anastasiadou, M.** and A. Van Soom. “Expression of Toll-like receptors and cytokines in porcine blastocysts stimulated by bacterial lipopolysaccharide”. 1st General Meeting of EPICONCEPT, Antalya, Turkey, 24-25/4/2013.
11. Faure, M., Alves, S., Guibert, E., Michailidis, G., **Anastasiadou, M.**, Brillard, J.P. and P. Froment. “Inflammatory response of testis cells amended in the presence of metformin”. The 11th Poultry Research Days, JRA, 25-26/3/2015, Tours, France.
12. Faure, M., Alves, S., Guibert, E., Michailidis, G., **Anastasiadou, M.**, Brillard, J.P. and P. Froment. “Inflammatory response of testicular cells is modified by metformin”. 1^{eres} Journées Scientifiques du GDR REPRO - La recherche en Reproduction, 13-15/4/2015, Campus de Beaulieu, de l’Université Rennes, France.
13. Michailidis, G., **Anastasiadou, M.** and M. Avdi. “Cytokine activation in hen reproductive organs during growth and Salmonella infection “. 19th Annual European Society of Domestic Animal Reproduction (ESDAR) Conference 2015 and 26th Annual EU-AI Vets Meeting, 16-19/09/2015, Albena Resort, Varna, Bulgaria.
14. **Anastasiadou, M.** and G. Michailidis. “Cytokine activation in rooster reproductive organs during sexual maturation and Salmonella infection”. EPICONCEPT Conference 2015 Epigenetics and Periconception Environment, Hersonissos, Crete, Greece, 06-07/10/2015.
15. **Anastasiadou, M.**, Michailidis, G., Kalogiannis, D. and S. Chadio. “Effects of lipopolysaccharide on the expression of cytokines in porcine granulosa cells”. Epigenetics and Periconception Environment, EPICONCEPT Conference 2016, Giardini Naxos, Italy, 26 - 29 September 2016.
16. **Anastasiadou, M.**, Theodoridis, A. And G. Michailidis. “Investigation of polymorphisms in MC4R and GPX5 genes in Greek pigs”. 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment, September 21-24, 2017, Chania, Crete, Greece.
17. **Anastasiadou M.** and G. Michailidis. “Production of female pigs by embryo sexing using the porcine amelogenin gene”. The European Cooperation in Science and Technology (COST) Conference IPEMA, 8-9 February 2018, Lisbon, Portugal.

RESEARCH PROJECTS	
1.	<p>TEMPUS IV: “Improving Academia – Industry Links in Food Safety and Quality (FOODLINKS)”</p> <p>Grand Agency: European Cooperation in Science and Technology</p> <p>Duration: 2011-2013</p> <p>Value: 1.141.696€</p> <p>Role: Member of Research Team</p>
2.	<p>AgroETAK, Veterinary Research Institute of Thessaloniki, Hellenic Agricultural Organization-DEMETER: “Identification of functional molecular markers to increase fertility and resistance to mastitis in dairy cows”</p> <p>Grand Agency: Ministry of Rural Development and Food</p> <p>Duration: 2014-2015</p> <p>Value: 47.066,47€</p> <p>Role: Project Coordinator</p>
3.	<p>COST Action no. CA15215: “Innovative approaches in pork production with entire males”</p> <p>Grand Agency: European Cooperation in Science and Technology</p> <p>Duration: 2016-2020</p> <p>Value: 650.000€</p> <p>Role: Substitute Member of the management committee, Scientific Collaborator</p>
4.	<p>COST Action no. CA16119: “In vitro 3-D total cell guidance and fitness”</p> <p>Grand Agency: European Cooperation in Science and Technology</p> <p>Duration: 2017-2021</p> <p>Value: 700.000€</p> <p>Role: Member of the management committee, Scientific Collaborator</p>
5.	<p>ARIMNet2: “Breeding and management practices of indigenous bovine breeds: Solutions toward a sustainable future”.</p> <p>Acronym: BOVISOL</p> <p>Grand Agency: European Union’s Seventh Framework Programme (FP7)</p> <p>Duration: 2018-2020</p> <p>Value: 40.000</p> <p>Role: Project Partner, Scientific Collaborator</p>
6.	<p>Operational Program "Central Macedonia 'Strengthening research, technological development and innovation "- Enhancing research and innovation infrastructure ": “Exploitation, conservation and improvement of K. Macedonia's genetic resources using omics technologies”.</p> <p>Acronym: pOGROm</p> <p>Grand Agency: Region of Central Macedonia, European Regional Development Fund.</p> <p>Duration: 2018-2020</p> <p>Value: 899.000,00 €</p> <p>Role: Member of Research Team, Scientific Collaborator</p>

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