

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

Α. ΠΡΟΣΩΠΙΚΕΣ ΠΛΗΡΟΦΟΡΙΕΣ

Όνοματεπώνυμο: Μιχαηλίδης Γεώργιος
Ιδιότητα: Επίκουρος Καθηγητής
Διεύθυνση εργασίας: Εργαστήριο Φυσιολογίας Αναπαραγωγής Αγροτικών Ζώων, Τομέας Ζωικής Παραγωγής, Γεωπονική Σχολή Α.Π.Θ.
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Σπουδές

- Πτυχίο Γεωπονίας - Τμήμα Γεωπονίας - Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, 2000.
- Διδακτορική διατριβή στο πανεπιστήμιο του Newcastle Upon Tyne, UK, Department of Cell and Molecular Biosciences, Faculty of Medical Sciences, ως υπότροφος του I.K.Y., με θέμα: “Expression of telomerase in avian cells”, 2004.
- Δίπλωμα εργασίας με ραδιενεργά ισότοπα από το πανεπιστήμιο του Newcastle Upon Tyne, UK, 2003.

Επαγγελματική εμπειρία

- 2005 – 2007 Μεταδιδακτορικός ερευνητής, στο Ινστιτούτο Αγροβιοτεχνολογίας (INA) του Εθνικού Κέντρου Έρευνας και Τεχνολογικής Ανάπτυξης (Ε.Κ.Ε.Τ.Α.).
- 2005 – 2007 Επιστημονικός Συνεργάτης στο Τ.Ε.Ι. Δυτικής Μακεδονίας
- 2007 – 2012 Διορίστηκα μετά από εκλογή στη βαθμίδα του Λέκτορα με θητεία στη Γεωπονική Σχολή του ΑΠΘ, στον Τομέα Ζωικής Παραγωγής, με γνωστικό αντικείμενο «Φυσιολογία Αναπαραγωγής Μονογαστρικών»

- 2012 Διορίστηκε μετά από εκλογή στη βαθμίδα του Επίκουρου Καθηγητή με θητεία στη Γεωπονική Σχολή του ΑΠΘ, στον Τομέα Ζωικής Παραγωγής, με γνωστικό αντικείμενο «Φυσιολογία Αναπαραγωγής Μονογαστρικών»

Κριτής επιστημονικών εργασιών στα παρακάτω επιστημονικά περιοδικά:

Reproductive Biology and Endocrinology

Reproduction in Domestic Animals

Animal Reproduction Science

Reproduction, Fertility and Development

Research in Veterinary Science

Molecular Biology Reports

Small Ruminant Research

Comparative Immunology, Microbiology & Infectious Diseases

Journal of Poultry Science

British Poultry Science

Poultry Science

African Journal of Biotechnology

International Journal of Livestock Production

Current Medicinal Chemistry

Journal of Molecular Biology Research

Theriogenology Insight

Journal of Dairy Science

Annual Review & Research in Biology

Pharmaceuticals

African Journal of Agricultural Research

Δημοσιεύσεις

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2. Anastasiadou M, A Theodoridis, **G Michailidis**, 2014. “Effects of sexual maturation and *Salmonella* infection on the expression of avian β -defensin genes in the chicken testis”, *Veterinary Research Communications*, *accepted, In Press*.

3. Anastasiadou M, M Avdi, A Theodoridis, **G Michailidis**, 2013. “Expression of avian β -defensins and Toll-like receptors in the rooster epididymis during growth and *Salmonella* infection”. *Animal Reproduction Science*, 140: 224-231.
4. Kalivas A, Ganopoulos I, Stea E, **Michailidis G**, Tsaftaris A, Argiriou A, 2013. A farm-to-farm assessment of Greek black pig genetic diversity using microsatellite molecular markers. *Genetics and Molecular Research, In Press*.
5. Anastasiadou M, M Avdi, A Theodoridis, **G Michailidis**, 2013. “Temporal changes in the expression of avian β -defensins in the chicken vagina during growth and *Salmonella* infection”, *Research in Veterinary Science*, 37: 115-122.
6. Marantidis A., A. Papadopoulos, **G. Michailidis**, M. Avdi, 2013. Association of BF gene polymorphism with litter size in a commercial pig cross population. *Animal Reproduction Science*, 141: 75-79.
7. **G. Michailidis**, M. Avdi, A. Argiriou, 2012. “Transcriptional profiling of antimicrobial peptides avian β -defensins in the chicken ovary during sexual maturation and in response to *Salmonella enteritidis* infection”, *Research in Veterinary Science*, 92: 60-65.
8. **G. Michailidis**, A. Theodoridis, M. Avdi, 2011. “Effects of sexual maturation and *Salmonella* infection on the expression of Toll-like receptors in the chicken vagina”. *Animal Reproduction Science*, 123: 234-241.
9. M. Anastasiadou, A. Theodoridis, M. Avdi, **G. Michailidis**, 2011. Changes in the expression of Toll-like receptors in the chicken testis during sexual maturation and *Salmonella* infection. *Animal Reproduction Science*, 128: 93-99.
10. **G. Michailidis**, A. Theodoridis, M. Avdi, 2010. ‘Transcriptional profiling of Toll-like receptors in chicken embryos and in the ovary during sexual maturation and in response to *Salmonella enteritidis* infection’. *Animal Reproduction Science*, 122: 294-302.
11. Alison Howard, Claire L. Townes, Panagiota Milona, Christopher J Nile, **Georgios Michailidis**, Judith Hall, 2010. “Expression and Functional Analyses of Liver Expressed Antimicrobial Peptide-2 (LEAP-2) Variant Forms in Human Tissues”. *Cellular Immunology*, 261: 128-133.

12. **G. Michailidis**, A. Argiriou, M. Avdi, 2010. "Expression of chicken zygote arrest 1 (Zar1) and Zar1-like genes during sexual maturation and embryogenesis". *Veterinary Research Communications*, 34:173-184.
13. **G. Michailidis**, 2010. "Expression of chicken LEAP-2 in the reproductive organs and embryos and in response to *Salmonella enterica* infection". *Veterinary Research Communications*. 34(5): 459-471.
14. **G. Michailidis** and M. Avdi, 2010. "Transcriptional profiling of gallinacins antimicrobial peptides in the chicken reproductive tract and embryos". *Journal of Biological Research*, 14: 211-218.
15. G. Oikonomou, **G. Michailidis**, A. Kougioumtzis, M. Avdi, G. Banos, 2010. "Effect of Polymorphisms in the *STAT5A* and *FGF2* Genes on Reproduction, Milk Yield and Lameness of Holstein Cows", *Research in Veterinary Science*, 91: 235-239.
16. Claire L. Townes, **Georgios Michailidis**, Judith Hall, 2009. "The interaction of the antimicrobial peptide cLEAP-2 and the bacterial membrane". *Biochemical and Biophysical Research Communications*, 387: 500-503.
17. **G. Michailidis**, A. Argiriou, M. Avdi, 2009. "Changes in the expression of antimicrobial peptides Gallinacin 4 and 5 during growth and in response to Salmonella infection in the ovary and oviduct of laying hens". *Comptes rendus de l'Academie bulgare des Sciences*, 62 (5): 609-614.
18. **G. Michailidis**, A. Kalivas, M. Avdi and A. Argiriou, 2009. «Expression and characterisation of the maternal factor Zygote Arrest 1 (ZAR1) gene in chicken tissues and embryos». *Journal of Biological Research*, 11: 21-27.
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21. **Georgios Michailidis**, Gabrielle Saretzki and Judith Hall, 2005. Endogenous and Ectopic Expression of Telomere Regulating Genes in Chicken Embryonic

- Fibroblasts. *Biochemical and Biophysical Research Communications*, 335: 240-246.
22. Claire L. Townes, **Georgios Michailidis**, Christopher J.Nile, and Judith Hall, 2004. Induction of Cationic Liver-Expressed Antimicrobial Peptide 2 in Response to Salmonella enterica Infection. *Infection and Immunity*, 72, No 12: 6987-6993.
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 29. C. J Nile, C. Townes, **G. Michailidis**, B.H. Hirst, and J. Hall. Avian intestinal antimicrobial peptides. Poultry Science Association. 92nd Annual Meeting, 6-9/7/2003, Madison, U.S.A.
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 31. Argiriou A., **Michailidis G.**, Alexiou K., Tsaftaris A., Isolation and characterization of Centroradialis/Terminal Flower 1 homologs from cotton. 5th Plant Genomics European Meeting, 11-14/10/2006, Venice, Italy.

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33. **G. Michailidis**, M. Avdi, and J. Hall. Telomere shortening induced senescence of primary cultures of chicken embryonic pancreatic cells. 1st Mediterranean Poultry Summit of World's Poultry Science Association (WPSA), 7-10/5/2008, Chalkidiki, Greece.
34. **G. Michailidis**, A. Argiriou, J. Hall, and M. Avdi. Isolation and Characterisation of the Maternal Factor Zygote Arrest 1 (Zar1) gene in Chicken. 1st Mediterranean Poultry Summit of World's Poultry Science Association (WPSA), 7-10/5/2008, Chalkidiki, Greece.
35. **G. Michailidis**, A. Argiriou, A. Kalivas, M. Avdi and V. Pappa. Expression of Avian β -Defensins in the chicken (*Gallus domesticus*) reproductive tract. 7th International Symposium of Animal Biology and Nutrition, 25-26/9/2008, Bucharest, Romania.
36. **G. Michailidis**, Anagnostis Argiriou, M. Avdi. Changes in the expression of antimicrobial peptides Gallinacins 4 and 5 during growth and in response to Salmonella infection in the ovary and oviduct of laying hens. 1st Conference of the Balkan Network for the Animal Reproduction Biotechnology, 18-19/2/2009, Sofia, Bulgaria.
37. **G. Michailidis**, A. Argiriou and M. Avdi. Effects of age and *Salmonella* infection on the expression of avian beta-defensin 12 in the ovary and oviduct of laying hens. 13th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 9-12/9/2009, Ghent, Belgium.
38. **G. Michailidis**, A. Argiriou and M. Avdi. Expression analysis of zygote arrest 1 (ZAR1) and ZAR1-like genes in the chicken reproductive tract and embryos. 13th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 9-12/9/2009, Ghent, Belgium.
39. Michailidou S., Oikonomou G., **Michailidis G.**, Avdi M., Banos G. Association of STAT5A and FGF2 gene mutations with conception rate in dairy cattle. European Federation for Animal Science (EAAP) Annual Meeting, 23-27/8/2010, Heraklion, Greece.

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42. **Michailidis G.** Expression of Toll-like Receptors in the Chicken Reproductive Tract and During Early Embryonic Development. XIIIth European Poultry Conference, 23-27/8/2010, Tours, France.
43. Anastasiadou M., Marantidis A., **Michailidis G.** 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 Animal Reproduction Biotechnology, 24-25/3/2011, Sofia, Bulgaria.
44. Marantidis A., Anastasiadou M., Avdi M., **Michailidis G.** Expression of Toll-like receptors in porcine reproductive organs. 2nd Conference of the Balkan Network for the Animal Reproduction Biotechnology, 24-25/3/2011, Sofia, Bulgaria.
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46. M. Anastasiadou, M. Avdi 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.
47. Pavlou, E., **Michailidis, G.**, Avdi, M. Seasonal Reproductive Activity of Damascus Goats. 15th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 15-18/9/2011, Antalya, Turkey.
48. **G Michailidis** 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.
49. A Marantidis, **G Michailidis**, M Anastasiadou, D. Kalogiannis, M Avdi, 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.
 50. **G Michailidis**, M Anastasiadou, 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.
 51. M Anastasiadou, M Avdi, **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.
 52. A Marantidis, **G Michailidis**, S Chadio, D Kalogiannis, M Avdi. Effects of lipopolysaccharide on the expression of Toll-like receptors in porcine granulosa cells. 16th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 29/8 – 1/9/2012, Dublin, Ireland.
 53. M Avdi, **G Michailidis**. Seasonal reproductive activity and inbreeding in two small Greek Skyros horse populations. 16th Conference of the European Society of Domestic Animal Reproduction (ESDAR), 29/8 – 1/9/2012, Dublin, Ireland.
 54. **G Michailidis**, J Beek, D Maes, M Anastasiadou, 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.