

KATERINA MANOLAKOU

Assistant Professor

“Animal Genetics and Molecular Biology”



Surname	MANOLAKOU
Name	Katerina
Father's name	Aristedis
Date of birth	12/01/1966
Place of birth	Athens, Greece
Tel. no.	+30 694 726 3573
E-mail	kmanol@uth.gr

EDUCATION

PhD, Laboratoire Génome et Populations CNRS- UMR 5171, Université de Montpellier II, France (1996)

Ptychio, Agricultural University of Athens, Greece (1991)

PROFESSIONAL ACTIVITIES

2020 – Present	Assistant Prof., Faculty of Veterinary Medicine, UTH, Greece
2016 – 2020	Deputy Manager, NHS Laconia General Hospital, Greece
2014 – 2016	Assistant Prof., Faculty of Veterinary Medicine, UTH, Greece
2006 – 2014	Lecturer, Faculty of Veterinary Medicine, UTH, Greece
2003 – 2006	Part-time teaching contract, Faculty of Vet Med, UTH Greece
2001 – 2006	Scientific Officer, National Bioethics Commission, Greece
1997 – 2001	Postdoctoral Researcher, MRC Human Genetics Unit, UK

ADMINISTRATIVE ACTIVITIES

Deputy Manager of NHS General Hospital of Laconia (2016-2020)

Board Vice-President of NHS Laconia General Hospital (2016-2020)

Board Member of the Hellenic Food Authority (2015 – 2016)

Member of the General Assembly of the Faculty (2006 – 2016 & 2020 – present)

Elected representative of the lecturers at the Senate (2009-2010)

Member of the local research animal ethics committee (2006 – 2009) and (2015 - 2016)

Member of the working group that prepared the University Ethics Code (2008-2009)

UNDERGRADUATE TEACHING

Genetics

Cellular and Molecular Biology

Animal Husbandry, Ethology, Animal Welfare and Legislation I and II

PARTICIPATION TO RESEARCH PROJECTS

PUBLICATIONS

Monograph – PhD thesis

Manolakou K.: Genetic interactions between the European subspecies of house mouse *Mus musculus musculus* and *Mus musculus domesticus* based on experimental crosses. Laboratoire Génome et Populations CNRS- UMR 5171, Université de Montpellier II, France (1996)

Book Chapter (1)

Tsokana C, Athanasiou L, Valiakos G, Spyrou V, **Manolakou K**, Billinis C (2014): Molecular diagnosis of Leishmaniasis, species identification and phylogenetic analysis. In: *Leishmaniasis - Trends in Epidemiology, Diagnosis and Treatment*, Dr. Clarbon D (Ed), ISBN 978-953-51-1232-7 InTech Publications, DOI: 10.5772/57448

Review paper (1)

Sokos C, Birtsas P, Papaspyropoulos K, Giannakopoulos A, Athanasiou L.A, **Manolakou K**, Spyrou V, Billinis C (2015): Conservation Considerations for a Management Measure: An Integrated Approach to Hare Rearing and Release. *Environmental Management* 55(1): 19-30, DOI: 10.1007/s00267-014-0388-6

Research Articles (7)

1. Tsokana C, Sokos C, **Giannakopoulos A**, Mamuris Z, Birtsas P, Papaspyropoulos K, Valiakos G, Spyrou V, Lefkaditis M, Chatzopoulos D, Kantere M, **Manolakou K**, Touloudi A, Rodi Burriel A, Feroglio E, Hadjichristodoulou C, Billinis C (2016): First evidence of *Leishmania* infection in European brown hare (*Lepus europaeus*) in Greece: GIS analysis and phylogenetic position within the *Leishmania* spp. *Parasitology Research* 115: 313-321
2. Sokos C, Birtsas P, Papaspyropoulos K, Tsachalidis E, Giannakopoulos A, Milis C, Spyrou V, **Manolakou K**, Valiakos G, Iakovakis C, Athanasiou L.A, Sfougaris A, Billinis C (2016): Mammals and habitat disturbance: the case of brown hare and wildfire. *Current Zoology* 62(5): 421 -430, DOI: 10.1007/s00267-014-0388-6
3. Valiakos G, Papaspyropoulos K, Giannakopoulos A, Birtsas P, Tsiodras S, Hutchings M.R, Spyrou V, Pervanidou D, Athanasiou L.V, Papadopoulos N, Tsokana C, Baka A, **Manolakou K**, Chatzopoulos D, Artois M, Yon L, Hannant D, Petrovska L, Hadjichristodoulou C, Billinis C (2014): Use of Wild Bird Surveillance, Human Case Data and GIS Spatial Analysis for Predicting Spatial Distributions of West Nile Virus in Greece. *PLoS One* 9(5): e96935, DOI:10.1371/journal.pone.0096935
4. Spyrou V, Stamatis C, Birtsas P, Psychas V, **Manolakou K**, Billinis C, Mamuris Z (2013): Evidence for European brown hare syndrome virus introduction with translocated brown hares (*Lepus europaeus*): implications for management of restocking operations. *Wildlife Research* 40(7): 545-551, DOI: 10.1071/WR12152
5. **Manolakou K**, Beaton J, McConnell I, Farquar C, Manson J, Hastie N, Bruce M and Jackson I.J (2001): Genetic and environmental factors modify bovine spongiform encephalopathy incubation period in mice. *PNAS* 98 (13): 7402-7407, DOI: 10.1073/pnas.121172098

6. Lenorman T, Fel-Clair F, **Manolakou K**, Alibert P, Britton-Davidian J (1997): Chromosomal transmission bias in laboratory hybrids between wild strains of the two European subspecies of house mice. *Genetics* 147 (3): 1279-1287
7. Aliber P, Fel-Clair F, **Manolakou K**, Britton-Davidian J, Auffray J-C (1997): Developmental stability, fitness and trait size in laboratory hybrids between European subspecies of the house mouse. *Evolution* 51 (4): 1284-1295, DOI: 10.2307/2411057

Research note (1)

Manolakou K, Krimbas CB (1992): Changes to recombination values in *Drosophila subobscura* due to the presence of inversions. *D.I.S.* 71: 197-198

International Meeting Report (1)

Manolakou K, Cross S.H, Simpson E.H, Jackson I.J (1999): Meeting report of the 12th International Mouse Genome Conference. *Genomics* 57 (1): 184-188

International scientific conferences and meetings (7)

1. Van Agtmael T, **Manolakou K**, Beaton J, McConnell I, Farquar C, Manson J, Hastie ND, Bruce M, Jackson IJ (2002): Genetic factors that modify BSE incubation period in mice. The 16th International Mouse Genome Conference, San Antonio, TX USA. (poster) <http://im.gs.org/abstracts/2002abstracts/file162.shtml>
2. **Manolakou K**, Bruce M., Jackson I.J. (1999): Localising modifiers of BSE susceptibility. 13th International Mouse Genome Conference, Philadelphia USA. (poster) <http://www.im.gs.org/abstracts/99abstracts/manolakou.shtml>
3. **Manolakou K**, Bruce M., Jackson I.J. (1998): Genome wide scan for modifiers of BSE susceptibility. 12th International Mouse Genome Conference, Garmisch Germany. (poster)
4. Fel-Clair F., Rocci C., Alibert P., **Manolakou K**, Britton Davidian J. (1996): Post-zygotic isolation in wild and laboratory-bred hybrids between two European subspecies of house mouse. Species and Speciation: A symposium in honor of Guy L. Bush, Asilomar California USA. (poster)
5. Boursot P., **Manolakou K**, Dod B., Bonhomme F. (1996): Genomic incompatibilities between subspecies of the house mouse: lessons from hybrid zones, molecular phylogeny and artificial crosses. 10th International Workshop in Molecular Genetics of the Mouse, Spa Belgium (oral presentation by B.P)
6. **Manolakou K**, Dod B., Orth A., Bonhomme F., Boursot P. (1995): Genomic interactions and segregation distortion in artificial hybrids of mouse. 5th Congress of the European Society for Evolutionary Biology, Edinburgh UK (oral presentation by M.K.) <http://www.eseb.org/index.html?http://www.eseb.org/jmsprize.htm>
7. **Manolakou K**, Dod B., Bonhomme F., Boursot P. (1994): The study of genomic interaction in mouse using natural and artificial hybrids. 9th International Workshop in Molecular Genetics of the Mouse, Edinburgh UK. (oral presentation by M.K.)

National scientific conferences and meetings (5)

1. **Manolakou K.** (2015): The contribution of genetics in understanding hereditary canine retinopathies. 15th Panhellenic Veterinary Conference, Athens, Greece (invited speaker)
2. **Manolakou K.**, Fthenakis G.C., Giannenas E., Banos G., Kyriazakis I. (2012): Characteristics of milk production of pure-bred Skopelos goats in Thessaly, Greece. 12th Panhellenic Veterinary Conference, Athens, Greece
3. **Manolakou K.**, Bruce M., Jackson I.J. (2000): Modifiers for BSE incubation period. Transmissible Spongiform Encephalopathies Workshop, Keele University UK (poster)
4. **Manolakou K.**, Bruce M., Jackson I.J. (1998): Genetic design for detecting modifiers of prion susceptibility. Transmissible Spongiform Encephalopathies Workshop, Warwick UK (oral presentation by M.K.)
5. Mathieu E., **Manolakou K.**, Bonhomme F., Boursot P., Dod B. (1994): Mise en évidence indirecte des régions chromosomiques soumises á la sélection dans une zone d'hybridation. Petit Poids Déridé, Poitiers France (oral presentation by M.K.)

Bioethics Publications (3)

1. **Manolakou, K.** (2005): Ethics codes in research involving animals. In *Selfregulation* (in Greek), ISBN: 9603019364, Sakkoulas Editions, Athens, Greece
2. **Manolakou, K.** (2004): Different scientific opinions regarding the impact of genetically modified organisms on environment and consumer health. In *Genetically modified organisms and sustainable development* (in Greek), ISBN: 9601512764, Ant. Sakkoulas Editions, Athens, Greece
3. *Selected documents in Bioethics* (in Greek), Vidalis, T.K. and **Manolakou, K.** (Ed), ISBN: 9601507167, Ant. Sakkoulas Editions, Athens-Komotini, Greece, 2002

Total citing articles: 240 Citing articles without self-citations: 239
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