

Eirini FRAGKIADAKI DVM, MSc, PhD, MRCVS

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Nationality: Greek | Date of Birth: 31.07.1978

EMPLOYMENT HISTORY

- 2012- today Designated veterinarian of Laboratory Animals facilities
[Department of Animal Models for Biomedical Research, Hellenic Pasteur Institute.](#)
Evaluation of biomedical research protocols using animals, veterinary care and surgery, Member of Animal Welfare Body, health monitoring, teaching and training of animal users and personnel, facilities management, budget management, implementation of Directive 2010/63/EU requirements.
- 2011-2016 Veterinary practitioner for farm animals
Disease prevention, diagnosis and treatment mainly in small holdings of small ruminants, swine, poultry, rabbits. Husbandry and welfare consulting for farm animals owners.
- 2011-2013 Postdoctoral Research Associate
Faculty of Animal Science and Aquaculture, Agricultural University of Athens.
Study for Canine Respiratory Syndrome, Pfizer Animal Health sponsored research. Field data collection and sampling.
- 2009-2011 Postdoctoral Research Associate
Istituto Zooprofilattico Sperimentale delle Venezie, Histopathology Department, Padua, Italy.
Animals monitoring, laboratory work, data collection and analysis, reports/manuscripts preparation for a) the study of prion protein in muscles of scrapie- experimentally infected sheep and b) the presence and quantification of prion protein in salivary glands and in saliva of scrapie affected sheep
- 2009-2010 Adjunct Lecturer
Lab. Anatomy and Physiology of farm animals, Faculty of Animal Science and Aquaculture, Agricultural University of Athens.
Undergraduate teaching of Farm Animals Health and Hygiene.
- 2008-2009 Scientific reviewer
European Association for Animal Production (EAAP).
Review and suggest interesting articles, books, meetings on molecular genetics, technology and physiology of reproduction, rabbits, animal health and management, quality products and organic production, sheep and goats research in order to be uploaded in EAAP webpage.
- 2006-2008 Research associate
National Agricultural Research Foundation, Veterinary Research Institute, Thessaloniki.
Research related activities: field data collection, laboratory work for parasitological, serological and genotyping studies in small ruminants. 05MOCHLOS05 and INTERREGIII project.
- 2003-2006 Veterinary microbiologist
Horse Racing Organisation of Greece.
Management of veterinary laboratory of equine surgery clinic by performing haematological and biochemical analyses, bacterial cultures, ELISA testing and assisting clinicians in special sampling procedures.

- 2005 Scientific reviewer
 Lab. Anatomy and Physiology of Farm Animals and Lab. Informatics, Faculty of Animal Science and Aquaculture, Agricultural University of Athens.
 Scientific reviewer about organic farming, reports/short reviews preparation, up-dating the project's site with relevant events. BIO@GRO European project (e-content, No. EDC-11293).

EDUCATION AND ACCREDITED CPD

- 2019 FELASA diploma for Designated Veterinarians (former FELASA cat. D category)
 LabVet, University of Copenhagen, Denmark
- 2015 Diploma FELASA category C for Accredited people directing animal experiments
 EMBL Mouse Biology Unit, Italy
- 2012 Diploma FELASA category B for Accredited laboratory animals users
 Institute of Laboratory Animal Science University of Irchel, Switzerland
- 2006-2009 Doctor of Philosophy (Distinction),
 Lab. of General and Applied Animal Husbandry, Faculty of Animal Science and Aquaculture, Agricultural University of Athens
 Prion protein gene study in healthy and scrapie affected goats.
- 2003-2005 Master of Science on Livestock Production (Distinction)
 Lab. of Anatomy and Physiology of Farm Animals, Faculty of Animal Science and Aquaculture, Agricultural University of Athens
 Estimation of prevalence of pathogenic mycobacteria in organic broiler farms in Greece by using molecular techniques
- 1997-2003 Degree in Veterinary Medicine (Merit)
 Faculty of Veterinary Medicine, Aristotle University of Thessaloniki

GRANTS

- Travel grant for teaching in Portugal, Erasmus+ staff mobility for teaching (2018)
- Course organization grant, International Institut Pasteur Division. Project co-responsible: Writing the proposal and implementing the international training course “Transgenic Technologies In Modeling Human Diseases: Principles, Associated Technologies, Animal Management and Ethics”. Joint action of Hellenic Pasteur Institute with Pasteur Institutes of Montevideo and Paris (2017)
- Course organization grant, International Institut Pasteur Division. Project responsible: Writing the proposal and implementing the international training course “Laboratory Animal Science: theory and practice” (2015)
- Basel Declaration Award for Education in Animal Research and Swiss Laboratory Animal Science Association (SGV) grant for attending FELASA cat. B course (2012)
- PhD studentship, Socrates/Erasmus Program. Trimester collaboration with University of Padua and Italian Health Authority and Research Organization for Animal Health and Food Safety of Veneto region (Istituto Zooprofilattico Sperimentale delle Venezie) (2007)
- MSc and PhD studentship, Greek State Scholarships Foundation (2003-2007).

INVITED SPEAKER/ TEACHER related to LAS

- 2020-2022 Teacher of « Ethics of laboratory research and animals: biology, ethics and law”, Transinstitutional Master Degree program “Animals: Ethics, Law and Welfare” of Hellenic Pasteur Institute and School of Philosophy, National and Kapodistrian University, Athens
- 18-22/10/2021 Invited speaker Preclinical models imaging workshop, COMULIS-BIOEMTECH, Athens
- 2020, 2021 Invited speaker at LAS Core Module course, BRSC Fleming, Vari, Greece
- 2019, 2020, 2021 Invited speaker at FELASA accredited LAS EU Functions course, Research Laboratory of Myoskeletal diseases, KAT Hospital, School of Medicine, National and Kapodistrian University, Athens
- 2 February 2019 Invited speaker on Introduction to Laboratory Animals Science course.
Hellenic Society of Biomedical and Laboratory Animal Science, Athens, Greece
- 8-9 December 2018 Invited speaker on Introduction to Laboratory Animals Veterinary Medicine, training course for undergraduate and postgraduate veterinary students, covering Module 24 of Directive 2010/63/EE
Hellenic Society of Biomedical and Laboratory Animal Science, Athens, Greece
- 5-11 November 2018 Invited teacher on Laboratory Animal Science (LAS) for undergraduate students. Erasmus+ mobility.
Department of Veterinary Nursing, Instituto Politécnico de Viana do Castelo, Portugal
- 9 December 2017 Transgenic animal models seminar
Hellenic Society of Biomedical Research and Laboratory Animals Science, Athens, Greece.
- 5-13 June 2017 Invited speaker in Transgenic Technologies In Modeling Human Diseases: Principles, Associated Technologies, Animal Management and Ethics. International training course, Hellenic Pasteur Institute-RIIP
- 18-22 May 2015 Speaker in Laboratory Animal Science: theory and practice, International training course.
Hellenic Pasteur Institute- RIIP
- 1 October 2014 Invited speaker and tutor on Animal models: legislation, 3Rs and training.
1st Summer School Nanomaterials for bio-applications: focus on antimicrobial research, CycloNHit, Hellenic Pasteur Institute
- 2014-today Affiliated tutor on Animal Ethics, General Scientific Methods in Medical Science PhD program.
Faculty of Medicine, Örebro University, Sweden
- 2012-today Design and implementation of annual Institutional LAS training courses (theory and practice) for laboratory animal users.
Hellenic Pasteur Institute
- 1-2 July 2013 Invited speaker for The Basel Declaration Award presentation.
Transparency in animal research: implementing openness in publication and communication, London, UK.

CONGRESS ANNOUNCEMENTS related to LAS

1. Fragkiadaki E. , Tyligada K., Markogiannaki M., Badounas F., Haralambous S (2019) Consideration on the reuse of female breeders, FELASA2019, 10-13 June 2019, Prague.

2. Fragkiadaki E, Kavrochorianou N, Haralambous S (2016) Our experience as LAS course providers. FELASA2016, 13-16 June 2016, Brussels.
3. Fragkiadaki E, Papastefanaki F, Haralambous S (2015) Change of attitude and practices in animal research, 1st congress of postdocs, Hellenic Pasteur Institute, Invited speaker, 24 September 2015, Athens.
4. Fragkiadaki E (2014) Pictures from cases reports of naïve laboratory rodents. Joint HSBLAS/ESLAV/ECLAM Meeting 2014, 22-23 September 2014, Athens, Greece.
5. Fragkiadaki E, Haralambous S (2014) Three years of action for Basel Declaration Society. Joint HSBLAS/ESLAV/ECLAM Meeting 2014, 22-23 September 2014, Athens, Greece.
6. Lazaridis K, Dalianoudis I, Tzartos S, Trakas N, Vagionas A, Vlachogiannis N, Karles A, Lappa A, Fragkiadaki E (2014) Practical welfare-based management of a rabbit model for Myasthenia gravis. Joint HSBLAS/ESLAV/ECLAM Meeting 2014, 22-23 September 2014, Athens, Greece.
7. Fragkiadaki E, Grivas I, Kavrochorianou N, Badounas F, Markogiannaki M, Kazana D, Kontoudakis N, Haralambous S (2014) Training program and consolidation assessment of theoretical knowledge and practical skills as an in-house accreditation methodology for Good Laboratory Animal Use. Joint HSBLAS/ESLAV/ECLAM Meeting 2014, 22-23 September 2014, Athens, Greece.
8. Fragkiadaki E (2013) The Basel Declaration Award presentation. Invited speaker. Transparency in animal research: implementing openness in publication and communication, 1-2 July 2013, London, UK.

AWARD

- 2005 Best Poster Award for Estimation of the prevalence of pathogenic mycobacteria in organic broiler farms in Greece by the Polymerase Chain Reaction. Fragkiadaki E, Gazouli M, Sotirakoglou K, Xylouri E, Ikonomopoulos J (2005).
XIIth International Congress on Animal Hygiene, ISAH 2005, Warsaw, Poland

SCIENTIFIC MEMBERSHIPS

- International Society for Transgenic Technologies (ISTT)
- Hellenic Society of Biomedical and Laboratory Animal Science (HSBLAS) (Treasurer since 2018)
- European Society for Laboratory Animal Veterinarians (ESLAV)
- Management committee Substitute COST ACTION BM1308, Sharing Advances on Large Animal Models (SALAAM)
- Member of Working group 4. Establishment of a database of assessment of common practical tasks for Function A persons. European Commission Grant about Promoting alternatives to animal testing through accessible and harmonised education & training. Education and Training Platform for Laboratory Animal Science (ETPLAS). (Grant agreement No. 07.027741/2018/794340/SUB/ENV.B2.)
- Member of National Committee for the protection of animals used for scientific purposes (FEK 4200/29-09-2020).

PUBLICATIONS LIST

1. E.Boukouvala, A.I. Gelasakis, E. Kanata, E. Fragkiadaki, N. Giadinis, V. Palaska, S. Christoforidou, T. Sklaviadis. 2018. [The association between 171 K polymorphism and resistance against scrapie infection in Greek dairy sheep Research](https://doi.org/10.1016/j.smallrumres.2018.01.016), 161:51-56, 2018. <https://doi.org/10.1016/j.smallrumres.2018.01.016>
2. [Mitchell J.A., Cardwell J.M., Leach H., Walker C.A., Le Poder S., Decaro N., Rusvai M., Egberink H., I M., Fragkiadaki E., Shields S., Brownlie J.](https://doi.org/10.1016/j.vetmic.2017.10.019) 2017. European surveillance of emerging pathogens associated with canine disease. *Vet Microbiol.* 212: 31-38, 2017. <https://doi.org/10.1016/j.vetmic.2017.10.019>
3. E. Xylouri, V. Ntafis, E. Fragkiadaki, A. Papa, M. Tempesta, I. Ikonomopoulos, E. Liandris, I. Kritikos, E. Vretou. 2012. of abortifacient pathogens in organic small ruminant farms. *Russian Journal, VETPHARMA*.
4. Bountouri M., Ntafis V., Fragkiadaki E., Kanellos T., Xylouri E. 2012. Phylogenetic analysis of the five internal gene evolutionary pathways of the Greek H3N8 equine influenza virus. *Natural Science*, Vol.4, No.11, 839-847 <http://dx.doi.org/10.4236/ns.2012.411112>.
5. Fragkiadaki EG, Vaccari G, Ekateriniadou LV, Agrimi U, Giadinis ND, Chiappini B, Esposito E, Conte M, Nonno R [PRNP genetic variability and molecular typing of natural goat scrapie isolates in a high number of infected flocks](https://doi.org/10.1186/1297-9716-42-104). *V* 2011, 42:104. doi: [10.1186/1297-9716-42-104](https://doi.org/10.1186/1297-9716-42-104)
6. Bountouri M., Fragkiadaki E., Ntafis V., Xylouri E. 2011. Equine influenza. Review article. *J Hel Vet Med Society* 62 (2):161-171. <http://dx.doi.org/10.12681/jhvms.14847>
7. Bountouri M, Fragkiadaki Eir., Ntafis V, Kanellos T, Xylouri E. 2011. [Phylogenetic and molecular characterization of H3N8 influenza viruses from Greece \(2003 and 2007\): evidence for reassortment between evolutionary lineages](https://doi.org/10.1186/1743-422X-8-350). *V* 2011 Jul 14;8:350. doi: [10.1186/1743-422X-8-350](https://doi.org/10.1186/1743-422X-8-350).
8. V. Ntafis, Eir. Fragkiadaki, E. Xylouri, A. Omirou, A. Lavazza, V. Martella. 2010. Rotavirus-associated diarrhoea in Greece. *Vet Microbiol* 2010, 144: 461-465. doi: [10.1016/j.vetmic.2010.01.020](https://doi.org/10.1016/j.vetmic.2010.01.020)
9. J. Ikonomopoulos, E. Fragkiadaki, E. Liandris, K. Sotirakoglou, E. Xylouri, J.M. Gazouli. 2009. Estimation of spread of pathogenic mycobacteria in organic broiler farms by the polymerase chain reaction. *Vet Microbiol.* 133:278-282. <https://doi.org/10.1016/j.vetmic.2008.07.006>
10. E. Xylouri, Y. P. Kotzamanis, F. Athanassopoulou, Li Dong, I. S. Pappas, A. Argyrokastritis, Eir. Fragkiadaki. 2007. Nodavirus communication: isolation, characterization and sequencing of nodavirus in sturgeon (*Acipenser gmeldestaedi* L.) in freshwater facilities. *The Israeli Journal of aquaculture – Bamidgheh* 2007, 59 (1), 36-41.
11. K. Bitchava, E. Xylouri, E. Fragkiadaki, F. Athanassopoulou, M. Papanastasopoulou, O. Sabatakou. 2007. First clinical signs of Nodavirus infection in sea bream, *Sparus aurata* L.. *The Israeli Journal of Aquaculture- Bamidgheh* 59:3-9.
12. J. Ikonomopoulos, C. Balaskas, B. Kantzoura, E. Fragkiadaki, I. Pavlik, M. Bartos, J. C. Lukas, M. Gazouli. Comparative evaluation of positive tests to *Mycobacterium avium* subsp. *paratuberculosis* in clinically healthy sheep goats in South-West Greece using molecular techniques, serology, and culture. *Vet J*, 2007, 174:337-343. [10.1016/j.tvjl.2006.09.004](https://doi.org/10.1016/j.tvjl.2006.09.004)
13. E. Fragkiadaki, J. Ikonomopoulos, C. Balaskas, M. Gazouli. 2006. Mycobacterial infections of fowl. Review article. *J Hel Med Society*, 2006, 57:127-139. <http://dx.doi.org/10.12681/jhvms.15017>
14. M. Arabatzis, E. Xylouri, I. Frangiadaki, A. Tzimogianni, A. Milioni, G. Arsenis, A. Velegraki. 2006. Rapid detection of *Arthroderma vanbreuseghemii* in rabbit skin specimens by PCR-RFLP. *Vet Dermatology*, 2006, 17: 32 <https://doi.org/10.1111/j.1365-3164.2006.00535.x>
15. Xylouri E., Kotzamanis J., Athanassopoulou F., Li Dong, Argyrokastritis A., Fragkiadaki E. 2005. Isolation, characterization and sequence determination of Noda virus from sea bass (*Dicentrarchus labrax* L.) reared in freshwater and marine facilities in Greece. *J Hel Vet Med Society*, 2005, 56: 105-113. <http://dx.doi.org/10.12681/jhvms.15074>
16. P. Bougiouklis, G. Brellou, E. Fragkiadaki, P. Iordanidis, I. Vlemmas, I. Georgopoulou. 2005. Outbreak of *Mycobacteriosis* in a Flock of Two-Year-Old Domestic Pigeons (*Columba livia* f. *domestica*). *Avian diseases*, 2005, 49:442-445. <https://doi.org/10.1637/7325-011005R.1>

BOOK CHAPTER

Ntafis V, Patrikakis C, Xylouri E, Fragkiadaki E (2008)

RFID application in animal monitoring, The Internet of Things: from RFID to Pervasive Networked Systems.

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