



CURRICULUM VITAE

ANGELIKI I. KATSAFADOU

**Assistant Professor, “Proteomics in One Health”, Faculty of Public and One Health,
University of Thessaly, Greece**

Visiting Assistant Professor-Fulbright Fellow, Yale University, School of Public Health, USA

PERSONAL INFORMATION

Telephone: (+30) 2441.064761, +1 (203)-503-8421
E-mail: agkatsaf@uth.gr, angeliki.katsafadou@yale.edu

EDUCATION

02/2013- 02/2017	Doctor of Philosophy with subject of research: ‘ <i>Proteomic study of ovine mastitis associated with Mannheimia haemolytica</i> ’ University of Thessaly, Veterinary Faculty & Biomedical Research Foundation Academy Of Athens (BRFAA), Proteomics Facility
11/2011- 02/2013	Master of Science in ‘ <i>Farm Animal Production Systems</i> ’ Agricultural University of Athens, Faculty of Animal Production
09/2006- 10/2011	Degree of Veterinary Medicine University of Thessaly, Veterinary Faculty

WORK EXPERIENCE

10/2024-today	Visiting Assistant Professor-Fulbright Fellow Yale University, School of Public Health, USA
04/2021-today	Assistant Professor, “Proteomics in One Health” Faculty of Public and One Health, University of Thessaly, Greece
12/2019- 04/2021	Scientific Veterinary Staff Veterinary Medicine Assessment Section, National Organisation for Medicines (EOF), Greece
10/2019- 06/2020	Adjunct lecturer Faculty of Public and One Health, University of Thessaly, Greece
11/2017- 12/2019	Technical manager Pharmaceutical Company “Ceva Hellas”, Greece
12/2018- 05/2019	Adjunct lecturer Animal Reproduction, Veterinary Faculty, University of Thessaly, Greece

RESEARCH EXPERIENCE

01/2022-today	Research assistant Project ‘LIFE Nature and Biodiversity- Enhancing the viability of Brown Bears in Central Italy and Greece through the development of coexistence corridors’, funded by the European Commission
---------------	--

03/2023– 04/2024	Grant Holder Project ‘Genetic improvement based on resistance to mastitis of Karagouniko-breed sheep and Skopelos-breed goats’, funded by the Greek Government and European Commission
04/2014– 09/2015	Research assistant Project ‘PROPET- Proteomic markers for non-invasive early diagnosis of pre-eclampsia in women’, co-funded by the Greek government and the European Commission
05/2013– 08/2013	Research assistant Project ‘EUWelNet - Coordinated European Welfare Network’, funded by the European Commission
05/2012– 10/2015	Research assistant Project ‘GOSHomics - Application of omic technologies for evaluation of sheep and goat breeds in Greece’, co-funded by the Greek government and the European Commission

CERTIFICATES-COURSES

09/2023– 10/2023	University of Zurich Further education program in the subject: ‘Teaching Science at University’
05/2023– 07/2023	University of Thessaly Further education program in the subject: ‘Pedagogical Practices in Tertiary Education’
07/2022– 08/2022	University of Hong Kong Further education program in the subject: ‘University Teaching’
04/2014	Universitat Autònoma de Barcelona & Swiss Institute of Bioinformatics COST Training School, ‘Proteome Bioinformatics’
09/2013– 03/2014	National and Kapodistrian University of Athens Further education program in the subject: ‘HACCP: foodborne biological hazards analysis’
12/2013– 03/2014	National and Kapodistrian University of Athens Further education program in the subject: ‘The Greek Economy and Labour Market:2013-2020’

DISTINCTIONS - SCHOLARSHIPS - ACTIVITIES

- **Invitation for Outreach Lectures** to students: “Approaching Public Health Through One Health Framework”, “Careers in Public Health”, “My Fulbright Experience” in Claflin University, Orangeburg, SC, USA (February 25-March 1)
- **Invitation for Keynote Presentation** “Advancing Public Health Education: A One Health Approach for Resilience in a Changing Climate”, Fall 2024 Cleveland Fulbright Scholar Enrichment Seminar, Cleveland, Ohio, USA (December 2024)
- **Fulbright Visiting Scholar Program 2024-2025** for conducting research at Yale School of Public Health, U.S. (June 2024)
- **Invitation for Keynote Presentation** “The Use of Proteomics for the Study of Milk”, XXI International Society for Animal Clinical Pathology (ISACP), Heraklion, Crete, Greece (May 2024)
- **Invited Keynote Presentation** “The Use of Proteomics for the Study of Milk”, 15th Greek National Veterinary Congress, Athens, Greece (November 2022)
- **Invited lecture** “One health in small ruminant farms: antibiotic resistance and new legislation for their use”, Postgraduate training seminar, Ioannina, Greece (September 2022)
- **Invited lecture** “Proteomics in Animal and One Health” as Early Career Researcher (ECR) in Proteomics and representative of the Hellenic Proteomics Society at the European Early Career Researchers in Proteomics Virtual Event (June 21, 2021)

- **Invited lecture** “Bacterial Mastitis: Pathogenesis, Defence Mechanisms” at the CPD “Mammary Diseases in Sheep”, (ECSRHM Training Centre University of Thessaly), Greece (March 2019)
- **Scholarship** by the Triantafyllidis Foundation for undergraduate studies (academic year 2010-11)
- 03/2021 - today. Reviewer Board of *Microorganisms* (IF 4.128)
- 07/2020 – today. Reviewer Board of *Animals* (IF: 2.752)
- 01/2016 – today. Member of the editorial board of following journals: *SM Journal of Bioinformatics and Proteomics, Sustainability*
- **Reviewer in following journals:** Analytical Biochemistry, Biomedicines, Animals, Antioxidants, BMC Veterinary Research, Cell, Data in Brief, Dairy, Encyclopedia, Experimental Eye Research, Food Chemistry, Genes, Hormone and Metabolic Research, International Journal of Molecular Sciences, Journal of Dairy Research, Journal of Proteomics, Journal of the Hellenic Veterinary Medical Society, Metabolites, Microorganisms, Molecules, Nutrients, Pathogens, Progress in Medical Sciences, Processes, Research in Veterinary Science, Small Ruminant Research, Sustainability, The Veterinary Journal, Vaccines.
- 11/2024- today. Member of the STEM Learning Community of **Yale Poorvu Center** for Teaching and Learning
- 07/2023- today. Member of the Metaproteomics Initiative of the **European Proteomics Association (EuPA)**
- 03/2021- today. Member of the Education Committee of the **European Proteomics Association (EuPA)**
- 03/2021-today. Secretatry of the **European Young Proteomics Investigators Club (YPIC)**
- 09/2020 –today. Member of the Board of Directors of the **Hellenic Society of Proteomics (HPS)**
- 01/2014–today. Member of the Register of **Trainers of Food Business of the Hellenic Food Authority (EFET) of the Ministry of Rural Development & Food**, with registration number 87716111457

SUPERVISION OF UNDERGRAGUATE OR POSTGRADUATE STUDENTS

2023-today	1 membership of the examination board of PhD student Department of Biology, National and Kapodistrian University of Athens, Greece
2023-today	2 membership of the examination board of undergraduate student Faculty of Public and One Health, University of Thessaly, Greece
2023-today	4 supervisions of undergraduate students Faculty of Public and One Health, University of Thessaly, Greece
2022 - today	1 membership of supervisory committee of PhD student Faculty of Veterinary Science, University of Thessaly, Greece
2022 - today	2 supervision of PhD students Faculty of Public and One Health, University of Thessaly, Greece

PUBLICATIONS

1. Lianou DT, Giannoulis T, Michael CK, Vasileiou NGC, Petinaki E, **Katsafadou AI**, Politis AP, Gougoulis DA, Papatsiros VG, Papadopoulos E, Solomakos N, Katsarou EI, Mavrogianni VS, Chatzopoulos DC, Fthenakis GC (2025) Detection of *Coxiella burnetii* in Bulk Tank Milk of Dairy Small Ruminant Farms in Greece. *Foods* 14(3):460.
2. Lianou DT, Kiouvrekis Y, Michael CK, Vasileiou NGC, Psomadakis I, Politis AP, **Katsafadou AI**, Katsarou EI, Bourganou MV, Liagka DV, Chatzopoulos DC, Solomakos NM, Fthenakis GC (2024) The Use of Explainable Machine Learning for the Prediction of the Quality of Bulk-Tank Milk in Sheep and Goat Farms. *Foods* 13(24):4015.
3. Petre ML, Kontouli Pertesi AN, Boulioglou OE, Sarantidi E, Korovesi AG, Kozei A, **Katsafadou AI**, Tsangaris GT, Trichopoulou A, Anagnostopoulos AK. (2024) Bioactive Peptides in Greek Goat Colostrum: Relevance to Human Metabolism. *Foods*. 13(23):3949.
4. Kiouvrekis Y, Vasileiou NGC, Katsarou EI, Lianou DT, Michael CK, Zikas S, **Katsafadou AI**, Bourganou MV, Liagka DV, Chatzopoulos DC, Fthenakis GC (2024) The Use of Machine Learning to Predict Prevalence of Subclinical Mastitis in Dairy Sheep Farms. *Animals*, 14(16):2295.

5. Bourganou MV, Kiouvrekis Y, Chatzopoulos DC, Zikas S, **Katsafadou AI**, Liagka DV, Vasileiou NGC, Fthenakis GC, Lianou DT (2024) Assessment of Published Papers on the Use of Machine Learning in Diagnosis and Treatment of Mastitis. *Information*, 15(8):428.
6. Bourganou MV, Chatzopoulos DC, Lianou DT, Tsangaris GT, Fthenakis GC, **Katsafadou AI** (2024) Scientometrics evaluation of published scientific papers on the use of proteomics technologies in mastitis research in ruminants. *Pathogens*, 13:324.
7. Bouroutzika E, Proikakis S, Theodosiadou EK, Vougas K, **Katsafadou AI**, Tsangaris GT, Valasi I. (2024) Proteomics Analysis of Pregnancy in Ewes under Heat Stress Conditions and Melatonin Administration. *Animals*, 14(3):400.
8. Bourganou MV, Kontopodis E, Tsangaris GT, Pierros V, Vasileiou NGC, Mavrogianni VS, Fthenakis GC, **Katsafadou AI** (2023) Unique Peptides of Cathelicidin-1 in the Early Detection of Mastitis—*In Silico* Analysis. *International Journal of Molecular Sciences*, 24, 10160.
9. Gouletsoy PG, Tsangaris GTh, Katsarou EI, Bourganou MV, Barbagianni MS, Venianaki AP, Bouroutzika E, Anagnostopoulos AK, Fthenakis GC, **Katsafadou AI** (2022) Proteomics Evaluation of Semen of Clinically Healthy Beagle-Breed Dogs. *Veterinary Sciences*, 9, 697.
10. Bouroutzika E, Proikakis S, Theodosiadou EK, **Katsafadou AI**, Valasi I, Tsangaris GTh (2022) A Proteomics Approach in Farm Animals' Milk: A Comprehensive Analysis. *Preprints*, NOT PEER-REVIEWED, Posted: 8 October 2022 doi:10.20944/preprints202210.0097.v1
11. Lianou DT, Petinaki E, Michael CK, Skoulakis A, Cripps PJ, Katsarou EI, Papadopoulos E, Billinis C, **Katsafadou AI**, Mavrogianni VS, Caroprese M, Fthenakis GC (2022) Zoonotic Problems Reported by Sheep and Goat Farmers and Factors Potentially Contributing to the Occurrence of Brucellosis among Them. *International Journal of Environmental Research and Public Health*, 19, 10372.
12. Lisgara M, Poulaki K, Kalogeropoulos L, Skampardonis V, **Katsafadou AI** (2022) Frequency and severity of enzootic pneumonia-like lesions in Greek swine herds and their association with different vaccination protocols against *Mycoplasma hyopneumoniae*. *Journal of Applied Animal Research*, 50, 540-547.
13. Lianou DT, Skoulakis A, Michael CK, Katsarou EI, Chatzopoulos DC, Solomakos N, Tsilipounidaki K, Florou Z, Cripps PJ, **Katsafadou AI**, Vasileiou NGC, Dimoveli KS, Bourganou BV, Liagka DV, Papatsiros VG, Kontou PI, Mavrogianni VS, Caroprese M, Petinaki E, Fthenakis GC (2022) Isolation of *Listeria ivanovii* from Bulk-Tank Milk of Sheep and Goat Farms—From Clinical Work to Bioinformatics Studies: Prevalence, Association with Milk Quality, Antibiotic Susceptibility, Predictors, Whole Genome Sequence and Phylogenetic Relationships. *Biology*, 11(6), 871.
14. Lianou DT, Michael CK, Gougoulis DA, Cripps PJ, Vasileiou NGC, Solomakos N, Petinaki E, **Katsafadou AI**, Angelidou E, Arsenopoulos KV, Papadopoulos E, Albenzio M, Mavrogianni VS, Caroprese M, Fthenakis GC (2022) High Milk Somatic Cell Counts and Increased *Teladorsagia* Burdens Overshadow Non-Infection-Related Factors as Predictors of Fat and Protein Content of Bulk-Tank Raw Milk in Sheep and Goat Farms. *Foods*, 11, 443.
15. Lianou DT, Petinaki E, Cripps PJ, Gougoulis DA, Michael CK, Tsilipounidaki K, Skoulakis A, **Katsafadou AI**, Vasileiou NGC, Giannoulis T, Voidarou C, Mavrogianni VS, Caroprese M, Fthenakis GC (2021) Antibiotic Resistance of Staphylococci from Bulk-Tank Milk of Sheep Flocks: Prevalence, Patterns, Association with Biofilm Formation, Effects on Milk Quality, and Risk Factors. *Biology*, 10, 1016.
16. Lianou DT, Petinaki E, Cripps PJ, Gougoulis DA, Michael CK, Tsilipounidaki K, Skoulakis A, **Katsafadou AI**, Vasileiou NGC, Giannoulis T, Katsarou EI, Voidarou C, Mavrogianni VS, Caroprese M, Fthenakis GC (2021) Prevalence, Patterns, Association with Biofilm Formation, Effects on Milk Quality, and Risk Factors for Antibiotic Resistance of Staphylococci from Bulk-Tank Milk of Goat Herds. *Antibiotics*, 10, 1225.
17. Bouroutzika E, Proikakis S, Anagnostopoulos AK, **Katsafadou AI**, Fthenakis GC, Tsangaris GTh (2021) Proteomics Analysis in Dairy Products: Cheese, a Review. *Applied Sciences*, 11, 7622.
18. Lianou DT, Michael CK, Vasileiou NGC, Petinaki E, Cripps PJ, Tsilipounidaki K, **Katsafadou AI**, Politis AP, Kordalis NG, Ioannidi KS, Gougoulis DA, Trikalinou C, Orfanou DC, Fragkou IA, Liagka DV, Tzora A, Albenzio M, Mavrogianni VS, Caroprese MC, Fthenakis GC (2021) Extensive countrywide field investigation of somatic cell counts and total bacterial counts in bulk tank raw milk in goat herds in Greece. *Journal of Dairy Research*, 88, 307–313.
19. Katsarou EI, Billinis C, Galamatis D, Fthenakis GC, Tsangaris GTh, **Katsafadou AI** (2021) Applied Proteomics in 'One Health'. *Proteomes*, 9, 31.
20. Katsarou EI, **Katsafadou AI**, Karakasidis T, Chatzopoulos DC, Vasileiou NGC, Lianou DT, Mavrogianni VS, Petinaki E, Fthenakis GC (2021) Growth of Staphylococcus epidermidis on the Surface of Teatcups from Milking Parlours. *Microorganisms*, 9(4):852.

21. Michael CK, Lianou DT, Vasileiou NGC, Tsilipounidaki K, **Katsafadou AI**, Politis AP, Kordalis NG, Ioannidi KS, Gougoulis DA, Trikalinou C, Orfanou DC, Fragkou IA, Kontou PI, Liagka DV, Mavrogianni VS, Petinaki E, Fthenakis GC (2021) Association of Staphylococcal Populations on Teatcups of Milking Parlours with Vaccination against Staphylococcal Mastitis in Sheep and Goat Farms. *Pathogens*, 10(4):385.
22. Katsarou EI, Chatzopoulos DC, Giannoulis Th, Ioannidi KS, **Katsafadou AI**, Kontou PI, Lianou DT, Mamuris Z, Mavrogianni VS, Michael CK, Papadopoulos E, Petinaki E, Sarrou S, Vasileiou NGC, Fthenakis GC (2021) MLST-based analysis and antimicrobial resistance of Staphylococcus epidermidis from cases of sheep mastitis in Greece. *Biology*, 10: 170.
23. Lianou DT, Michael C, Vasileiou NGC, Petinaki E, Cripps PJ, Tsipoulidaki K, **Katsafadou AI**, Politis AP, Kordalis NG, Ioannidi KS, Gougoulis DA, Trikalinou K, Orfanou DC, Fragkou IA, Angelidou E, Katsarou EI, Tzora A, Albenzio M, Mavrogianni VS, Caroprese M, Fthenakis GC (2021) Extensive Countrywide Field Investigation of Somatic Cell Counts and Total Bacterial Counts in Bulk-Tank Raw Milk in Sheep Flocks in Greece. *Foods* 10, 268.
24. Chatzopoulos DC, Vasileiou NGC, Ioannidi KS, **Katsafadou AI**, Mavrogianni VS, Michael CK, Katsarou EI, Karavanis E, Papadopoulos N, Sbiraki A, Athanasίου LV, Billinis C, Fthenakis GC (2021) Experimental Study of the Potential Role of Salmonella enterica subsp. diarizonae in the Diarrhoeic Syndrome of Lambs. *Pathogens* 10: 113.
25. **Katsafadou AI**, Vasileiou NGC, Tsangaris GT, Ioannidi KS, Anagnostopoulos AK, Billinis C, Fragkou IA, Papadopoulos E, Mavrogianni VS, Lianou DT, Chatzopoulos DC, Fthenakis GC (2021) Presence of Cathelicidin-1 in Milk as an Indicator of the Severity of Mammary Infection in Ewes. *Current Proteomics* 18(2):162-168.
26. Chatzopoulos DC, Lianou DT, Michael CK, Gougoulis DA, Mavrogianni VS, Vasileiou NGC, **Katsafadou AI**, Politis AP, Kordalis NG, Katsarou EI, Ioannidi KS, Petinaki E, Fthenakis GC (2020) Streptococcus spp. from bulk-tank milk and milking machine teatcups on small ruminant farms, and factors potentially associated with their isolation. *Journal of Dairy Research* 87(3):1-5.
27. Lianou DT, Chatziprodromidou IP, Vasileiou NGC, Michael CK, Mavrogianni VS, Politis AP, Kordalis NG, Billinis C, Giannakopoulos A, Papadopoulos E, Giannenas I, Ioannidi KS, **Katsafadou AI**, Gougoulis DA, Lacasta D, Caroprese M, Fthenakis GC (2020). A Detailed Questionnaire for the Evaluation of Health Management in Dairy Sheep and Goats. *Animals* 10(9):1489.
28. Arsenopoulos K, Minoudi S, Symeonidou I, Triantafyllidis A, **Katsafadou AI**, Lianou DT, Fthenakis GC, Papadopoulos E (2020) Frequency of Resistance to Benzimidazoles of Haemonchus contortus Helminths from Dairy Sheep, Goats, Cattle and Buffaloes in Greece. *Pathogens* 9:347.
29. **Katsafadou AI**, Tsangaris GT, Vasileiou NGC, Ioannidi KS, Anagnostopoulos AK, Billinis C, Fragkou IA, Papadopoulos E, Mavrogianni VS, Michael C, Addis MF, Fthenakis GC (2020) Detailed data from experimentally-induced mastitis in ewes, with the aim to evaluate cathelicidin-1 in milk. *Data in Brief* 29: 105259.
30. Ioannidi KS, Vasileiou NGC, Barbagianni MS, Orfanou DC, Mantziaras G, Chouzouris TM, Dovolou E, Chatzopoulos DC, Karavanis E, Papadopoulos N, **Katsafadou AI**, Fragkou AI, Kordalis NG, Amiridis GS, Fthenakis GC, Mavrogianni VS (2020) Clinical, ultrasonographic, bacteriological, cytological and histopathological findings of uterine involution in ewes with uterine infection. *Pathogens*, 9: 54.
31. Vasileiou NGC, Arsenopoulos K, **Katsafadou AI**, Angelou A, Mavrogianni VS, Fthenakis GC (2019) Interactions between parasitism and milk production - mastitis in sheep. *Small Ruminant Research* 180: 70-73.
32. **Katsafadou AI**, Tsangaris GT, Vasileiou NGC, Ioannidi KS, Anagnostopoulos AK, Billinis C, Fragkou IA, Papadopoulos E, Mavrogianni VS, Michael C, Addis MF, Fthenakis GC (2019) Detection of cathelicidin-1 in the milk as an early indicator of mastitis in ewes. *Pathogens*, 8: 270.
33. Vasileiou NGC, Cripps PJ, Ioannidi KS, **Katsafadou AI**, Chatzopoulos DC, Barbagianni MS, Tsioli V, Dermisiadou E, Karavanis E, Papadopoulos N, Lianou D, Mavrogianni VS, Petinaki E, Fthenakis GC (2019) Experimental study for evaluation of the efficacy of a biofilm-embedded bacteria-based vaccine against Staphylococcus chromogenes-associated mastitis in sheep. *Veterinary Microbiology*, 239:108480.
34. **Katsafadou A**, Politis A, Mavrogianni V, Barbagianni M, Vasileiou N, Fthenakis G, Fragkou IA (2019) Mammary defences and immunity against mastitis in sheep. *Animals* 9, 726.
35. **Katsafadou AI**, Vasileiou NGC, Fthenakis GC (2019) Use of proteomics in the study of mastitis in ewes. *Pathogens* 8(3):134.
36. Vasileiou NGC, Chatzopoulos DC, Sarrou S, Fragkou IA, **Katsafadou AI**, Mavrogianni VS, Petinaki E, Fthenakis GC (2019) Role of staphylococci in mastitis in sheep. *Journal of Dairy Research* 86, 254–266.

37. Vasileiou NGC, Gougoulis DA, **Katsafadou AI**, Mavrogianni VS, Petinaki E, Fthenakis GC (2019) Anti-staphylococcal biofilm antibodies in ewes and association with subclinical mastitis. *Small Ruminant Research* 178:117-122.
38. **Katsafadou AI**, Tsangaris GTh, Anagnostopoulos AK, Billinis C, Barbagianni MS, Vasileiou NGC, Spanos SA, Mavrogianni VS, Fthenakis GC (2019) Differential quantitative proteomics study of experimental Mannheimia haemolytica mastitis in sheep. *Journal of Proteomics*, 205:103393.
39. **Katsafadou AI**, Tsangaris GTh, Anagnostopoulos AK, Billinis C, Barbagianni MS, Vasileiou NGC, Spanos SA, Mavrogianni VS, Fthenakis GC (2019) Proteomics data of ovine mastitis associated with Mannheimia haemolytica. *Data in brief*, 25:104259.
40. Vasileiou NGC, Chatzopoulos DC, Gougoulis DA, Sarrou S, **Katsafadou AI**, Spyrou V, Mavrogianni VS, Petinaki E, Fthenakis GC (2018) Slime-producing staphylococci as causal agents of subclinical mastitis in sheep. *Veterinary Microbiology*, 224:93-99.
41. Tsangaris GT, Dimas K, Malamou A, **Katsafadou A**, Papathanasiou C, Stravopodis DJ, Vorgias CE, Gazouli M, Anagnostopoulos AK (2017) Molecular Proteomic Characterization of a Pediatric Medulloblastoma Xenograft. *Cancer Genomics & Proteomics* 14: 267-275.
42. Kolialexi A, Tsangaris GTh, Sifakis S, Gourgiotis D, **Katsafadou A**, Lykoudi A, Marmarinos A, Mavreli D, Pergialiotis V, Fexi D, Mavrou A, Papaioanou GK, Papantoniou N (2017) Plasma biomarkers for the identification of women at risk for early-onset preeclampsia. *Expert Review of Proteomics*, 14(3):269-276.
43. Anagnostopoulos AK, **Katsafadou AI**, Pierros V, Kontopodis E, Fthenakis GC, Arsenos G, Karkabounas SC, Tzora A, Skoufos I, Tsangaris GT (2016) Dataset of Milk Whey Proteins of Three Indigenous Greek Sheep Breeds. *Data in Brief*, 8:877-880.
44. Anagnostopoulos AK, **Katsafadou AI**, Pierros V, Kontopodis E, Fthenakis GC, Arsenos G, Karkabounas SC, Tzora A, Skoufos I, Tsangaris GT (2016) Dataset of milk whey proteins of two indigenous Greek goat breeds. *Data in Brief*, 8:692-696.
45. **Katsafadou AI**, Tsangaris GT, Billinis C, Fthenakis GC (2016) Applied Proteomics in Companion Animal Medicine. *Current Proteomics*, 13(3):165-171.
46. Anagnostopoulos AK, **Katsafadou AI**, Pierros V, Kontopodis E, Fthenakis GC, Arsenos G, Karkabounas SC, Tzora A, Skoufos I, Tsangaris GT (2016) Milk of Greek sheep and goat breeds; characterization by means of proteomics. *Journal of Proteomics*, 147:76-84.
47. Vasileiou NGC, Fthenakis GC, Amiridis GS, Athanasiou LV, Birtsas P, Chatzopoulos DC, Chouzouris TM, Giannakopoulos A, Ioannidi KS, Kalonaki SN, **Katsafadou AI**, Kyriakis CS, Mavrogianni VS, Papadopoulos E, Spyrou V, Valiakos G, Venianaki AP, Billinis C (2016) Experiences from the 2014 outbreak of bluetongue in Greece. *Small Ruminant Research*, 142:61-68.
48. Chadio S, **Katsafadou A**, Kotsampasi B, Michailidis G, Mountzouris KC, Kalogiannis D, Christodoulou V (2016) Effects of maternal undernutrition during late gestation and/or lactation on colostrum synthesis and immunological parameters in the offspring. *Reproduction Fertility and Development*, 28(3):384-393.
49. **Katsafadou AI** (2016) From Veterinary Medicine to 'Veterinomics'. *SM Journal of Bioinformatics and Proteomics*, 1(1):1003.
50. **Katsafadou AI**, Tsangaris GT, Billinis C, Fthenakis GC (2015) Use of proteomics in the study of infectious diseases of sheep or goats. *Veterinary Microbiology*, 181:27-33.
51. Barbagianni MS, Mavrogianni VS, **Katsafadou AI**, Spanos SA, Tsioli V, Galatos AD, Nakou M, Valasi I, Gouletsou PG, Fthenakis GC (2015) Pregnancy toxemia as predisposing factor for development of mastitis in sheep during the immediately post-partum period. *Small Ruminant Research*, 130:246-251.
52. Barbagianni MS, Spanos SA, Ioannidi KS, Vasileiou NGC, **Katsafadou AI**, Valasi I, Gouletsou PG, Fthenakis GC (2015) Increased incidence of peri-parturient problems in ewes with pregnancy toxemia. *Small Ruminant Research*, 132:111-114.

BOOK CHAPTERS

- Fragkou IA, Vasileiou NGC, Mavrogianni VS, Barbagianni MS, Katsafadou AI, Fthenakis GC (2017). "Mammary defences and immunity against mastitis in sheep", In: "Ovipedia Mastitis" Hipra, σελ. 34-41.

PRESENTATIONS IN PROCEEDINGS OF SCIENTIFIC MEETINGS

- **Katsafadou AI** (2024) "The Use of Proteomics for the Study of Milk", Proceedings of the XXI International Society for Animal Clinical Pathology (ISACP), May 2024, Heraklion, Crete, Greece, p. 49-52 (Invited Keynote Presentation)

- **Katsafadou AI**, Tsangaris GT, Fthenakis GC (2023) "Detection of cathelicidin-1 in the milk as an early indicator of mastitis in ewes" Proceedings of the 15th Annual Congress of the European Proteomics Association (Newcastle, United Kingdom), p. 116. (poster presentation)
- Bourganou MV, Kontopodis E, Tsangaris GT, Pierros V, Vasileiou NGC, Mavrogianni VS, Fthenakis GC, **Katsafadou AI** (2023) "Unique peptides of cathelicidin-1 in the early detection of mastitis in sheep" Proceedings of the 15th Annual Congress of the European Proteomics Association 17-20 July 2023 (Newcastle, United Kingdom), p. 115. (poster presentation)
- Katsarou EI, Billinis C, Fthenakis GC, Tsangaris GT, **Katsafadou AI** (2023) Applied Proteomics in 'One Health' in sheep. Proceedings of the 10th International Sheep Veterinary Congress (Seville, Spain), p. 25. (oral presentation)
- **Katsafadou AI** (2022) The Use of Proteomics for the Study of Milk. Proceedings of the 15th Greek National Veterinary Congress (Athens, Greece), p. 239. (oral presentation)
- **Katsafadou AI**, Lianou DT, Fthenakis GC (2022) One health in small ruminant farms: antibiotic resistance and new legislation for their use. Postgraduate training seminar, Ioannina, Greece. (oral presentation)
- **Katsafadou AI**, Lianou DT, Fthenakis GC (2022) Antibiotic usage in small ruminant farms and implications within a one health approach: patterns of usage and staphylococcal resistance to antibiotics. Proceedings of the 15th Greek National Veterinary Congress (Athens, Greece), p. 197. (poster presentation)
- Bourganou MV, Billinis C, Chatzopoulos D, Solomakos N, Vasileiou NGC, Mavrogianni VS, Fthenakis GC, Tsangaris GTh, **Katsafadou AI** (2022) Omics comparative investigation of milk bacterial populations. Proceedings of the ItPa, HPS and SePA XVI International Congress 2022, (Bolzano, Italy), p. 54. (poster presentation)
- Katsarou EI, Billinis C, Fthenakis GC, Tsangaris GTh, **Katsafadou AI** (2021) Appraisal of proteomics applications in the study of COVID-19. Proceedings of the ItPa, HPS and SePa International XV Congress (Rome, Italy), p. 55. (poster presentation)
- Katsarou EI, Billinis C, Tsangaris GTh, Fthenakis GC, **Katsafadou AI** (2020) Proteomics in One Health. Proceedings of the 12th Greek National Congress "Bioscientists & One Health", (Athens, Greece), p. 53-55. (oral presentation)
- **Katsafadou AI**, Tsangaris GTh, Anagnostopoulos AK, Billinis C, Barbagianni MS, Vasileiou NGC, Spanos SA, Mavrogianni VS, Fthenakis GC (2019) Differential proteomics study of experimental *Mannheimia haemolytica* mastitis in sheep. Proceedings of the ItPa and HPS International XIV Congress (Catanzaro, Italy), p.63. (poster presentation)
- **Katsafadou AI**, Tsangaris GT, Vasileiou NGC, Ioannidi KS, Billinis C, Fthenakis GC (2017) Identification of Cathelicidin-1 in milk of ewes with mastitis and its potential significance in diagnosis of subclinical mastitis. Proceedings of the 9th International Sheep Veterinary Congress (Harrogate, UK). (poster presentation)
- **Katsafadou AI**, Fthenakis GC, Anagnostopoulos AK, Barbagianni MS, Spanos SA, Mavrogianni VS, Billinis C, Tsangaris GT (2015). Proteomic analysis of blood and milk of ewes with experimental mastitis induced by *Mannheimia haemolytica*. Proceedings of the 13th Greek National Veterinary Congress (Athens, Greece), p. 37, Proceedings of 9th Proteomics Congress of EuPA (Milan, Italy), p. 56, Proceedings of 32nd World Veterinary Congress (Instabul, Turkey), p75. (oral presentation)
- **Katsafadou AI**, Tsangaris GTh, Billinis C, Fthenakis GC (2015) Application of proteomic techniques in veterinary public health. Proceedings of the 13th Greek National Veterinary Congress (Athens, Greece), p. 147. (oral presentation)
- **Kolialexi A**, Tsangaris G, Sifakis S, **Katsafadou A**, Anagnostopoulos A, Lykoudi A., Mavreli D, Papaioannou G, Mavrou A (2015) Plasma biomarkers for early identification of women at risk of early onset preeclampsia. Abstracts of the ISPD 19th International Conference on Prenatal Diagnosis and Therapy. (Washington DC, USA), 35(S1), p.78. (poster presentation)
- **Katsafadou AI**, Fthenakis GC (2013) Diagnosis of subclinical mastitis in goats. Proceedings of the 11th World Conference on Animal Production (Beijing, China), pp. 329-330. (poster presentation)
- **Katsafadou AI**, **Fthenakis GC** (2013). Use of proteomics for diagnosis of subclinical mastitis in sheep and goats. Proceedings of the 2013 International Conference on Animal & Dairy Sciences (Las Vegas, USA) (poster presentation), [Journal of veterinary Science & Technology, vol 4, issue 4], pp. 74. (poster presentation)
- **In total, 67 abstracts in proceedings of 32 national or international scientific meetings.**