

## Asst. Prof. ESRA DUMAN

### Personal Information

**Mobile Phone:** [+90 530 114 6818](tel:+905301146818)

**Email:** [esra.duman@kocaeli.edu.tr](mailto:esra.duman@kocaeli.edu.tr)

**Web:** <https://avesis.kocaeli.edu.tr/esra.duman>

### International Researcher IDs

ORCID: 0000-0003-4209-3009

ScopusID: 57218904488

Yoksis Researcher ID: 116798

### Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Genetic, Turkey 2015 - 2020

Undergraduate, Fırat University, Faculty Of Veterinary Medicine, Turkey 2005 - 2010

### Foreign Languages

Turkish, C1 Advanced

### Research Areas

Medicine

### Academic Titles / Tasks

Assistant Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2022 - Continues

Assistant Professor, Tokat Gaziosmanpaşa University, Vocational School, 2019 - 2022

Lecturer, 2018 - 2020

Research Assistant, Fırat University, Faculty Of Veterinary Medicine, Department Of Zootechnics And Animal Feeding, 2012 - 2014

### Academic and Administrative Experience

Head of Department, Tokat Gaziosmanpaşa University, Vocational School, 2019 - 2019

### Published journal articles indexed by SCI, SSCI, and AHCI

- Profiling several key milk miRNAs and analysing their signalling pathways in dairy sheep breeds during peak and late lactation.**  
Duman E., Özmen Ö., Kul S.  
Veterinary medicine and science, vol.10, no.4, 2024 (SCI-Expanded)

- II. **Lack of association between VNTR variant of the circadian gene (PER3) and major depressive disorder in a sample of a Turkish population.**  
Yigit S., Nursal A. F., Ozsoy F., Duman E., Ustaoglu M. S.  
Nucleosides, nucleotides & nucleic acids, vol.43, no.6, pp.530-539, 2024 (SCI-Expanded)
- III. **Oar-miR-16b and oar-miR-27a: negatively correlated with milk yield and milk protein in sheep**  
Duman E., ÖZMEN Ö., Kul S.  
ANIMAL BIOTECHNOLOGY, vol.33, no.7, pp.1466-1479, 2022 (SCI-Expanded)
- IV. **Acute treatment with dexketoprofen reduces penicillin induced epileptiform activity in wistar albino rats (dexketoprofen in penicillin induced seizure model)**  
Demirsoy M. S., Erdil A., Colak S., Duman E., Suembuel O., Aygun H.  
EPILEPSY RESEARCH, vol.178, 2021 (SCI-Expanded)
- V. **The effect of dexketoprofen trometamol on WAG/Rij rats with absence epilepsy (dexketoprofen in absence epilepsy)**  
Erdil A., Demirsoy M. S., Colak S., Duman E., Sumbul O., Aygun H.  
NEUROLOGICAL RESEARCH, vol.43, no.12, pp.1116-1125, 2021 (SCI-Expanded)
- VI. **Possible Association of PER2/PER3 Variable Number Tandem Repeat Polymorphism Variants with Susceptibility and Clinical Characteristics in Pancreatic Cancer**  
Dagmura H., Yigit S., Nursal A. F., Duman E., Gumusay O.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.25, no.2, pp.124-130, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **CIRCADIAN GENES AND ECONOMIC TRAITS IN LIVESTOCK ANIMALS**  
DUMAN E., ÖZMEN Ö.  
Livestock studies, 2024 (Peer-Reviewed Journal)
- II. **eNOS GENE VNTR POLYMORPHISMS ARE ASSOCIATED WITH ORAL CYST**  
DUMAN E., YILDIZ S., YİĞİT S., KURUCA ŞAHBAZOĞLU N., BAHRİKAREHMI L., TÜMER M. K.  
Journal of Applied biological sciences, vol.17, no.2, pp.200-207, 2023 (Peer-Reviewed Journal)
- III. **The effect of RORA (RAR-Related Orphan Receptor Alpha) receptors on litter size in Akkaraman sheep breed**  
YİĞİT S., Kul S., Aci R., Keskin A., Tuygun T., DUMAN E.  
Molecular Biology Research Communications, vol.12, no.3, pp.109-115, 2023 (ESCI)
- IV. **Anticancer Profiling of Gambogic Acid as a Target Specific RANKL Inhibitor in Osteosarcoma Cell Line**  
Özgür A., Duman E.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.2, pp.442-452, 2021 (Peer-Reviewed Journal)
- V. **The Role of Interleukin-4 VNTR Polymorphism in Dysmenorrhea Development**  
Esen M., Nursal A. F., Duman E., Yigit S.  
HASEKI TIP BULTENİ-MEDICAL BULLETIN OF HASEKI, vol.58, no.4, pp.364-369, 2020 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **RNA Isolation and miRNA Analyze from Sheep Milk: A New Perspective for Mammary Gland Gene Expression**  
DUMAN E., ÖZMEN Ö., KUL S.  
SEAB 2021, Kazakhstan, 01 July 2021
- II. **Halk Elinde Yetiştirilen Akkaraman Şavak Koyunlarında Süt Kompozisyonu Ve Somatik Hücre Sayısının Laktasyon Dönemlerine Göre Belirlenmesi**  
ÖZMEN Ö., KUL S., DUMAN E.

1st INTERNATIONAL LIVESTOCK SCIENCE CONGRESS, 31 October - 03 November 2019

**III. Heat Stress and Heat Shock Protein Genes Mediated Cellular Responds in Ovis aries**

şenel a., türel ö. o., DUMAN E., ÖZMEN Ö.

1st International Erciyes Agriculture, Animal and Food Sciences Conference, 24 - 27 April 2019

**IV. The Expression Level Of Oar-Mir-148a, Oar-Mir-16b And Oar-Mir-181a In Sheep Milk During Lactation**

DUMAN E., ÖZMEN Ö., KUL S.

3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences (ICAFOP 2019), 16 - 18 April 2019

**V. Dna Barkod Metodunun Koyunda Tür Ayırımı İçin Kullanımı**

ÇILDIR Ö. Ş., DUMAN E., ÖZMEN Ö., KUL S.

19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 December 2017, pp.104

## Supported Projects

UTKAN N. Z., Halis Ö. F., MAŞTA M., DUMAN E., YILDIRIM A., Project Supported by Higher Education Institutions, Meme Kanseriinde HsamiR217 ve CLOCK geni ifadesinin karşılaştırılması, 2023 - Continues

DUMAN E., DUMAN ÖZTÜRK S., YILDIRIM A., Halis F. Ö., UTKAN N. Z., YAZIR Y., Project Supported by Higher Education Institutions, Tiroid Kanseriinde HsamiR217 ve CLOCK geni ifadesinin karşılaştırılması, 2023 - Continues

Duman E., Özmen Ö., Kul S., Project Supported by Higher Education Institutions, Akkaraman ve İvesi Koyun Irklarında Süt Yağıyla İlişkili Bazı MiRNA'xxların İncelenmes, 2020 - 2021

## Metrics

Publication: 16

Citation (WoS): 8

Citation (Scopus): 10

H-Index (WoS): 2

H-Index (Scopus): 3