

Asst. Prof. MERVAN BAYRAKTAR

Personal Information

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 121

Email: mbayraktar@cu.edu.tr

Other Email: mervan.bayraktar@gmail.com

Web: <https://avesis.cu.edu.tr/mbayraktar>

Address: Çukurova Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü, Sarıçam, Balcalı/ADANA

International Researcher IDs

ORCID: 0000-0003-3268-864X

Yoksis Researcher ID: 340121

Education Information

Doctorate, Selcuk University, Faculty Of Agriculture, Department Of Zootechnics, Turkey 2014 - 2019

Postgraduate, Ondokuz Mayıs University, Faculty Of Agriculture, Department Of Zootechnics, Turkey 2012 - 2014

Undergraduate, University of Kirkuk, Ziraat Fakültesi, Zootečni Bölümü, Iraq 2007 - 2011

Dissertations

Doctorate, SİYAH ALACA VE ESMER SIĞIR IRKLARINDA PCR-RFLP YÖNTEMİ İLE BELİRLENEN MYOSTATİN, CALPASTATİN VE MİYOJENİK FAKTÖR 5 GENLERİ İLE BESİ PERFORMANSI ARASINDAKİ İLİŞKİLERİN BELİRLENMESİ, Selcuk University, Faculty Of Agriculture, Department Of Zootechnics, 2019

Postgraduate, GERZE TAVUK IRKINDA Mx GENİ POLİMORFİZMİNİN PCR-RFLP YÖNTEMİ İLE MOLEKÜLER KARAKTERİZASYONU, Ondokuz Mayıs University, Faculty Of Agriculture, Department Of Zootechnics, 2014

Research Areas

Animal Husbandry, Genetic, Animal Molecular Genetics

Academic Titles / Tasks

Assistant Professor, Cukurova University, Ziraat Fakültesi, Zootečni, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Investigating the impact of a novel GHRHR gene variant on growth traits in Damascus goats**
BAYRAKTAR M., KOLUMAN N., Al-Shuhaib M. B. S.
Small Ruminant Research, vol.240, 2024 (SCI-Expanded)
- II. Identification of the association of the GH, IGF-I and Pit-I gene polymorphism with growth traits in Saanen, Alpine and Boer goat breed**
Ayele S. A., ÖZCAN B. D., BAYRAKTAR M.
Small Ruminant Research, vol.236, 2024 (SCI-Expanded)

- III. **Analysing the genetic diversity and population structure of five native Turkish cattle breeds using SNP data.**
Bayraktar M., Cebeci Z., Gokce G.
Reproduction in domestic animals = Zuchthygiene, vol.59, no.3, 2024 (SCI-Expanded)
- IV. **Analysing the genetic diversity of three sheep breeds in Turkey and nearby countries using 50 K SNPs data**
BAYRAKTAR M.
Animal Biotechnology, vol.35, no.1, 2024 (SCI-Expanded)
- V. **Effect of PITX2 gene polymorphism on growth traits in Awassi ewes**
BAYRAKTAR M., Alkhammas A., AL-Thuwaini T.
Journal of the Hellenic Veterinary Medical Society, vol.75, no.2, pp.7479-7484, 2024 (SCI-Expanded)
- VI. **Identification of two novel SNPs in the myocyte enhancer factor 2B (MEF2B) gene and its association with growth traits in two breeds of Turkish sheep**
Bayraktar M., Durmuş M., Al-Shuhaib M. B. S.
SMALL RUMINANT RESEARCH, vol.218, no.106867, pp.1-8, 2023 (SCI-Expanded)
- VII. **Assessment of the association of the MOGAT1 and MOGAT3 gene with growth traits in different growth stages in Holstein calves**
Gokce G., BAYRAKTAR M.
ARCHIVES ANIMAL BREEDING, vol.65, no.3, pp.301-308, 2022 (SCI-Expanded)
- VIII. **Determination genetic variation and phylogenetic analysis in Echinococcus granulosus isolated from Iraqi sheep**
BAYRAKTAR M., Hussein M., Hassan H.
JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, vol.73, no.2, pp.4245-4252, 2022 (SCI-Expanded)
- IX. **Association between CAST and MSTN gene polymorphisms with growth traits in Awassi sheep**
BAYRAKTAR M., Shoshin O.
KUWAIT JOURNAL OF SCIENCE, vol.49, no.2, 2022 (SCI-Expanded)
- X. **Relationships between Famacha scores and some blood values in sheep and goats**
Sahin O., AYTEKİN İ., BOZTEPE S., KESKİN İ., KARABACAK A., ALTAY Y., BAYRAKTAR M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.46, no.2, pp.314-321, 2022 (SCI-Expanded)
- XI. **Estimation of the associations between GH and DGAT1 genes and growth traits by using decision tree in Awassi sheep**
BAYRAKTAR M., Shoshin O.
ANIMAL BIOTECHNOLOGY, vol.33, no.1, pp.167-173, 2022 (SCI-Expanded)
- XII. **Pit-1 Gene Polymorphisms in Anatolian Black, Holstein Friesian, Brown Swiss and Simmental Cattle Reared in Turkey**
Aytekin I., BAYRAKTAR M.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.28, no.1, pp.139-144, 2022 (SCI-Expanded)
- XIII. **Detection a novel genetic variant of the Myf5 gene in Turkish Anatolian Water Buffalo**
BAYRAKTAR M.
PROGRESS IN NUTRITION, vol.24, no.2, 2022 (SCI-Expanded)
- XIV. **Molecular characterization of Kappa-casein and beta-lactoglobulin genes in Anatolian Black cattle and Holstein breeds**
BAYRAKTAR M.
ARQUIVO BRASILEIRO DE MEDICINA VETERINARIA E ZOOTECNIA, vol.74, no.1, pp.133-140, 2022 (SCI-Expanded)
- XV. **Relationships between FAMACHA© scores and parasite incidence in sheep and goats.**
Şahin Ö., Aytekin İ., Boztepe S., Keskin İ., Karabacak A., Altay Y., Bayraktar M.
Tropical animal health and production, vol.53, no.2, pp.331, 2021 (SCI-Expanded)
- XVI. **Association between polymorphisms of Myf5, MSTN and CAST genes and fattening performance in Brown Swiss and Holstein cattle breeds.**
Fadhil M., Zülkadir U.

- Animal biotechnology, vol.32, no.1, pp.121-129, 2021 (SCI-Expanded)
- XVII. **DETERMINATION EFFECTS OF SLC27A3 AND Beta- LACTOGLOBULIN GENE POLYMORPHISMS ON THE MILK COMPOSITION IN HAMDANI SHEEP**
BAYRAKTAR M., Shoshin O.
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.19, no.4, pp.3293-3302, 2021 (SCI-Expanded)
- XVIII. **Estimate of the Association of IGF-I and IGFALS Genes with Growth Traits in Hamdani Sheep**
BAYRAKTAR M., Shoshin O.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.64, 2021 (SCI-Expanded)
- XIX. **Association between MYLK4 gene polymorphism and growth traits at different age stages in Anatolian black cattle.**
Aytekin İ., Bayraktar M., Sakar Ç. M., Ünal İ.
Animal biotechnology, vol.31, no.6, pp.555-560, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of TLX/PstI Polymorphism in Japanese Quail (Coturnix Japonica)**
BAYRAKTAR M., BAYLAN M., ÖZCAN B. D., KURŞUN K., DİKKAYA E., KAYAALP G. T.
Cukurova University Journal of Natural & Applied Sciences, vol.2, no.3, pp.1-4, 2023 (Peer-Reviewed Journal)
- II. **Determination of TLX/ PstI polymorphism in Japanese quail**
BAYRAKTAR M., BAYLAN M., ÖZCAN B. D., KURŞUN K., DİKKAYA E., KAYAALP G. T.
Cukurova University Journal of Natural & Applied Sciences, vol.2, no.3, pp.1-4, 2023 (Peer-Reviewed Journal)
- III. **Association between Stearoyl CoA Desaturase (SCD) Gene Polymorphisms and Milk Production in Holstein Cattle Breed**
BAYRAKTAR M., ÖZCAN B. D.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.11, no.4, pp.799-802, 2023 (Peer-Reviewed Journal)
- IV. **Determining Gene Expression of MyoD, IGF-I and STAT5B Genes in the Japanese Quail Leg Muscles Which Reared Under Two Different Lighting Systems**
Bayraktar M., Şimşek Sezer E. N.
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.5, no.2, pp.792-799, 2021 (Peer-Reviewed Journal)
- V. **Bovine SMO gene polymorphism in Anatolian Black Cattle Breed and Anatolian Water Buffaloes**
Bayraktar M., Aytekin İ.
Adnan Menderes Üniversitesi Ziraat Fakültesi Dergisi, vol.17, pp.153-156, 2020 (Peer-Reviewed Journal)
- VI. **Molecular Characterization of CAST Gene Polymorphism in Iraqi Awassi Sheep**
Bayraktar M.
International Research Journal of Engineering and Technology, vol.7, no.10, pp.1903-1904, 2020 (Peer-Reviewed Journal)
- VII. **Determination of MSTN Gene Polymorphism in the Iraqi Awassi Sheep**
Bayraktar M.
International Research Journal of Engineering and Technology, vol.7, no.10, pp.1918-1920, 2020 (Peer-Reviewed Journal)
- VIII. **Investigation of Insulin-Like Growth Factor Binding Protein 3 (IGFBP-3) Polymorphism in Anatolian Black and Holstein Friesian Cattle Breeds**
Bayraktar M., Zülkadir U., Aytekin İ.
Selcuk Journal of Agriculture and Food Sciences, vol.34, no.2, pp.137-140, 2020 (Peer-Reviewed Journal)
- IX. **Some Phenotypic Parameters of Marketable Common Carp (Cyprinus Carpio L., 1758) Reared In the Carp Farm Pools in Kirkuk Province of Iraq**
Bayraktar M., Aytekin İ., Mohammed A. I.
Selcuk Journal of Agriculture and Food Sciences, vol.33, no.3, pp.190-193, 2019 (Peer-Reviewed Journal)
- X. **Genetic Diversity in Farm Animals**

Bayraktar M., Aytakin İ., Zülkadir U.

Elixir Hormones and Signaling, vol.117, no.2018, pp.50032-50037, 2018 (Peer-Reviewed Journal)

XI. Molecular Characterization of MSTN Gene in Holstein Friesians and Brown Swiss Cattle Breeds

Bayraktar M., Zülkadir U.

Selcuk Journal of Agriculture and Food Sciences, vol.31, no.3, pp.151-153, 2017 (Peer-Reviewed Journal)

XII. Molecular characterization of Echinococcus granulosus isolated from human and domestic animals in Kirkuk, Iraq

Bayraktar M., Hassan H., Fadhil Z.

Animal Research International, vol.13, no.3, pp.2544-2547, 2016 (Peer-Reviewed Journal)

XIII. Molecular characterization of mx gene polymorphism in gerze chicken breed and pure line chicken breed

Bayraktar M., Mercan L.

Animal Research International, vol.13, no.3, pp.2540-2543, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Investigation of genotype and allele distribution of ppargc1at19c locus in holstein cattle

BAYRAKTAR M.

3rd International Conference on Research of Agricultural and Food Technologies, I-CRAFT 2023, Adana, Turkey, 4 - 06 October 2023, vol.85

II. Su Ürünlerinde Kullanılan Bazı Moleküler Markör Yöntemleri ve Aday Genler

Bayraktar M., Aytakin İ., Mohammed A.

5. Uluslararası öğrenci sempozyumu, Edirne, Turkey, 6 - 08 December 2019, pp.33-46

Supported Projects

Koluman N., Bayraktar M., Durmuş M., Çınar Kul B., Project Supported by Higher Education Institutions, İvesi ve İvesi X Sakız melezi ırkında Myf5 ve Myf6 gen polimorfizmleri ile büyüme özellikleri arasındaki ilişkinin belirlenmesi, 2023 - 2024

Metrics

Publication: 35

Citation (WoS): 2

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1