

## Dr. Öğr. Üyesi MERVAN BAYRAKTAR

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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### Eğitim Bilgileri

Doktora, Selçuk Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü, Türkiye 2014 - 2019

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü, Türkiye 2012 - 2014

Lisans, University of Kirkuk, Ziraat Fakültesi, Zootečni Bölümü, Irak 2007 - 2011

### Yaptığı Tezler

Doktora, SİYAH ALACA VE ESMER SIĞIR IRKLARINDA PCR-RFLP YÖNTEMİ İLE BELİRLENEN MYOSTATİN, CALPASTATİN VE MİYOJENİK FAKTÖR 5 GENLERİ İLE BESİ PERFORMANSI ARASINDAKİ İLİŞKİLERİN BELİRLENMESİ, Selçuk Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü, 2019

Yüksek Lisans, GERZE TAVUK IRKINDA Mx GENİ POLİMORFİZMİNİN PCR-RFLP YÖNTEMİ İLE MOLEKÜLER KARAKTERİZASYONU, Ondokuz Mayıs Üniversitesi, Ziraat Fakültesi, Zootečni Bölümü, 2014

### Araştırma Alanları

Zootečni, Genetik, Hayvan Moleküler Genetiği

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Çukurova Üniversitesi, Ziraat Fakültesi, Zootečni, 2021 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- 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, cilt.240, 2024 (SCI-Expanded)
- 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, cilt.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, cilt.59, sa.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, cilt.35, sa.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, cilt.75, sa.2, ss.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, cilt.218, sa.106867, ss.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, cilt.65, sa.3, ss.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, cilt.73, sa.2, ss.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, cilt.49, sa.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, cilt.46, sa.2, ss.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, cilt.33, sa.1, ss.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 BİLİMLERİ DERGİSİ, cilt.28, sa.1, ss.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, cilt.24, sa.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, cilt.74, sa.1, ss.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, cilt.53, sa.2, ss.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, cilt.32, sa.1, ss.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, cilt.19, sa.4, ss.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, cilt.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, cilt.31, sa.6, ss.555-560, 2020 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- 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, cilt.2, sa.3, ss.1-4, 2023 (Hakemli Dergi)
- 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, cilt.2, sa.3, ss.1-4, 2023 (Hakemli Dergi)
- 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, cilt.11, sa.4, ss.799-802, 2023 (Hakemli Dergi)
- 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, cilt.5, sa.2, ss.792-799, 2021 (Hakemli Dergi)
- V. **Bovine SMO gene polymorphism in Anatolian Black Cattle Breed and Anatolian Water Buffaloes**  
Bayraktar M., Aytekin İ.  
Adnan Menderes Üniversitesi Ziraat Fakültesi Dergisi, cilt.17, ss.153-156, 2020 (Hakemli Dergi)
- VI. **Molecular Characterization of CAST Gene Polymorphism in Iraqi Awassi Sheep**  
Bayraktar M.  
International Research Journal of Engineering and Technology, cilt.7, sa.10, ss.1903-1904, 2020 (Hakemli Dergi)
- VII. **Determination of MSTN Gene Polymorphism in the Iraqi Awassi Sheep**  
Bayraktar M.  
International Research Journal of Engineering and Technology, cilt.7, sa.10, ss.1918-1920, 2020 (Hakemli Dergi)
- 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, cilt.34, sa.2, ss.137-140, 2020 (Hakemli Dergi)
- 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, cilt.33, sa.3, ss.190-193, 2019 (Hakemli Dergi)
- X. **Genetic Diversity in Farm Animals**  
Bayraktar M., Aytekin İ., Zülkadir U.  
Elixir Hormones and Signaling, cilt.117, sa.2018, ss.50032-50037, 2018 (Hakemli Dergi)
- 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, cilt.31, sa.3, ss.151-153, 2017 (Hakemli Dergi)

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

Bayraktar M., Hassan H., Fadhil Z.

Animal Research International, cilt.13, sa.3, ss.2544-2547, 2016 (Hakemli Dergi)

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

Bayraktar M., Mercan L.

Animal Research International, cilt.13, sa.3, ss.2540-2543, 2016 (Hakemli Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

**I. Investigation of genotype and allele distribution of ppar $\alpha$ 1at19c locus in holstein cattle**

BAYRAKTAR M.

3rd International Conference on Research of Agricultural and Food Technologies, I-CRAFT 2023, Adana, Türkiye, 4 - 06 Ekim 2023, cilt.85

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

Bayraktar M., Aytekin İ., Mohammed A.

5. Uluslararası öğrenci sempozyumu, Edirne, Türkiye, 6 - 08 Aralık 2019, ss.33-46

## **Desteklenen Projeler**

Koluman N., Bayraktar M., Durmuş M., Çınar Kul B., Yükseköğretim Kurumları Destekli Proje, İvesi ve İvesi X Sakız melezi ırkında Myf5 ve Myf6 gen polimorfizmleri ile büyüme özellikleri arasındaki ilişkinin belirlenmesi, 2023 - 2024

## **Metrikler**

Yayın: 35

Atıf (WoS): 2

Atıf (Scopus): 3

H-İndeks (WoS): 1

H-İndeks (Scopus): 1