

Prof. ZAFER BULUT

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 24795

Education Information

Doctorate, Selcuk University, Turkey 1998 - 2004

Undergraduate, Selcuk University, Turkey 1993 - 1998

Research Areas

Veterinary Sciences, Veterinary Biochemistry

Jury Memberships

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, February, 2024

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, February, 2024

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, February, 2024

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, February, 2024

Academic Staff Examination, Academic Staff Examination, Dokuz Eylül Üniversitesi, January, 2024

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, January, 2024

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, January, 2024

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, January, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Dokuz Eylül Üniversitesi, January, 2024

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Dokuz Eylül Üniversitesi, January, 2024

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Dokuz Eylül Üniversitesi, January, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Dokuz Eylül Üniversitesi, December, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Dokuz Eylül Üniversitesi, January, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Dokuz Eylül Üniversitesi, December, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Dokuz Eylül Üniversitesi, January, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Dokuz Eylül Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sex-dependent colonic microbiota modulation by hazelnut (*Corylus avellana* L.) dietary fiber**
Daştan E., Çelik Ö. F., Baş O., Bulut Z., Lindemann S. R., Tugay M. İ., Değermenci M., Suvarıklı-Alan B., Nizamlioğlu M., Tunçil Y. E.
Food and Function, vol.14, no.6, pp.2896-2907, 2023 (SCI-Expanded)
- II. **Evaluation of the Apoptotic Effect of Sinapic Acid in D17 Canine Osteosarcoma Cell Line Sinapik Asidin D17 Köpek Osteosarkom Hücre Hattında Apoptotik Etkisinin Değerlendirilmesi**
Koftar H., Eroğlu Güneş C., Nizamlioğlu M., Kurar E., Bulut Z.
Kafkas Üniversitesi Veteriner Fakültesi Dergisi, vol.29, no.1, pp.9-13, 2023 (SCI-Expanded)
- III. **BoLA-DRB3.2 Gene Polymorphism in Cattle Naturally Infected with Bovine Leukemia Virus**
Avcı O., Bulut O., Bulut Z., Yavru S., Kale M., Hasırcıoğlu S., Şimşek A., Yapıcı O., Dik I., Orta S., et al.
PAKISTAN VETERINARY JOURNAL, vol.43, no.1, pp.174-178, 2023 (SCI-Expanded)
- IV. **Runs of homozygosity in Swiss goats reveal genetic changes associated with domestication and modern selection**
Signer-Hasler H., Henkel J., Bangerter E., Bulut Z., Drögemüller C., Leeb T., Flury C.
Genetics Selection Evolution, vol.54, no.1, 2022 (SCI-Expanded)
- V. **Molecular Detection and Characterization of Bovine Noroviruses from Cattle in Konya, Turkey**
Dik I., Bulut O., Avcı O., Hasöksüz M., Palancı H. S., Aşım H. P., Bulut Z.
PAKISTAN VETERINARY JOURNAL, vol.43, no.1, pp.67-72, 2022 (SCI-Expanded)
- VI. **Phylogenetic relationships of native Turkish cattle breeds using microsatellite markers**
ÖZŞENSOY Y., Kurar E., Doğan M., Bulut Z., Nizamlioğlu M., Altunok V., Işık A., Çamlıdağ A.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, no.1, pp.23-29, 2019 (SCI-Expanded)
- VII. **Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes**
Henkel J., Saif R., Jagannathan V., Schmockler C., Zeindler F., Bangerter E., Herren U., Posantzis D., Bulut Z., Ammann P., et al.
PLoS Genetics, vol.15, no.12, 2019 (SCI-Expanded)
- VIII. **Genetic structure and viability selection in the golden eagle (*Aquila chrysaetos*), a vagile raptor with a Holarctic distribution**
Doyle J. M., Katzner T. E., Roemer G. W., Cain J. W., Millsap B. A., McIntyre C. L., Sonsthagen S. A., Fernandez N. B., Wheeler M., Bulut Z., et al.
Conservation Genetics, vol.17, no.6, pp.1307-1322, 2016 (SCI-Expanded)
- IX. **Use of noninvasive genetics to assess nest and space use by white-tailed eagles**
Bulut Z., Bragin E. A., Dewoody J. A., Braham M. A., Katzner T. E., Doyle J. M.
Journal of Raptor Research, vol.50, no.4, pp.351-362, 2016 (SCI-Expanded)
- X. **Genetic diversity of eight domestic goat populations raised in Turkey**
Bulut Z., Kurar E., ÖZŞENSOY Y., Altunok V., Nizamlioglu M.
BioMed Research International, vol.2016, 2016 (SCI-Expanded)
- XI. **Y chromosome analysis of native Turkish cattle breeds by microsatellite markers**
ÖZŞENSOY Y., Kurar E., Bulut Z., Nizamlioğlu M.
Turkish Journal of Biology, vol.38, no.3, pp.388-395, 2014 (SCI-Expanded)
- XII. **Genetic characterization of Turkish cattle breeds by microsatellite markers: Usefulness for parentage testing Türkiye yerli siğir ırkları'nın mikrosatellit belirteçler ile genetik karakterizasyonu: Kimliklendirme çalışmaları'nda kullanılabiliirliği**
ÖZŞENSOY Y., Kurar E., Doğan M., Bulut Z., Nizamlioğlu M., Işık A., Çamlıdağ A., Altunok V.
Kafkas Üniversitesi Veteriner Fakültesi Dergisi, vol.20, no.4, pp.521-526, 2014 (SCI-Expanded)
- XIII. **Investigation of genetic diversity and paternity in kangal white karaman rams using microsatellite markers Kangal akkaraman koçlarında genetik çeşitlilik ve ebeveyn testinin uygulanabilirliğinin mikrosatellit belirteçler kullanılarak araştırılması**

Kurar E., Bulut Z., Çağlayan T., Garip M., YILMAZ A., Nizamlioğlu M.

Kafkas Üniversitesi Veteriner Fakültesi Dergisi, vol.18, no.6, pp.973-977, 2012 (SCI-Expanded)

- XIV. **Condition-dependent mate choice and a reproductive disadvantage for MHC-divergent male tiger salamanders**
Bos D. H., Williams R. N., Gopurenko D., Bulut Z., Dewoody J. A.
Molecular Ecology, vol.18, no.15, pp.3307-3315, 2009 (SCI-Expanded)
- XV. **Microsatellite mutation rates in the eastern tiger salamander (*Ambystoma tigrinum tigrinum*) differ 10-fold across loci**
Bulut Z., McCormick C. R., Gopurenko D., Williams R. N., Bos D. H., Dewoody J. A.
Genetica, vol.136, no.3, pp.501-504, 2009 (SCI-Expanded)
- XVI. **The relationship among vitamin C, β -carotene, vitamin A, progesterone and oestradiol 17- β concentrations in plasma and cyst fluid of Holstein cows with ovarian cyst**
Haliloglu S., Erdem H., Serpek B., Tekeli T., Bulut Z.
Reproduction in Domestic Animals, vol.43, no.5, pp.573-577, 2008 (SCI-Expanded)
- XVII. **Polymorphism of alternative splicing of major histocompatibility complex transcripts in wild tiger salamanders**
Bulut Z., McCormick C. R., Bos D. H., DeWoody J. A.
Journal of Molecular Evolution, vol.67, no.1, pp.68-75, 2008 (SCI-Expanded)
- XVIII. **Effects of boron supplementation to the diet on tibia mineral concentrations, peripheral blood leucocytes percentages and some selected variables of layers**
Kurtoğlu V., Kurtoğlu F., Sur E., Bulut Z., Önder F.
Archiv für Geflügelkunde, vol.71, no.1, pp.13-18, 2007 (SCI-Expanded)
- XIX. **Evolutionary relationship among three native and two crossbreed sheep breeds of Turkey : Preliminary results**
Soysal M., KOBAN BAŞTANLAR E., Özkan E., Altunok V., Bulut Z., Nizamlioğlu M., Togan I.
Revue de Medecine Veterinaire, vol.156, no.5, pp.289-293, 2005 (SCI-Expanded)
- XX. **The relationship between ascorbic acid, oestradiol 17 β and progesterone in plasma and ovaries in pregnant Holstein cows Holstein irki gebe ineklerin plazma ve ovaryum vitamin C, progesteron ve 17 β -östradiol düzeyleri arasındaki ilişkiler**
Halyololu S., Serpek B., Bapınar N., Erdem H., Bulut Z.
Turkish Journal of Veterinary and Animal Sciences, vol.26, no.3, pp.639-644, 2002 (SCI-Expanded)
- XXI. **Vitamin A and β -carotene levels in plasma, corpus luteum and follicular fluid of cyclic and pregnant cattle**
Haliloglu S., Bapınar N., Serpek B., Erdem H., Bulut Z.
Reproduction in Domestic Animals, vol.37, no.2, pp.96-99, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Relationship Between Microbiota and Alzheimer's Disease**
Emre E. N., Çoban Ü. Y., Alan B. S., Bulut Z.
Animal Health, Production and Hygiene, vol.12, no.2, pp.56-62, 2023 (Peer-Reviewed Journal)
- II. **MDA level in colon tissue of the rats with colon cancer model treated with diallyl disulfide**
SUVARIKLI ALAN B., BULUT Z.
Eurasian Journal of Veterinary Sciences, vol.39, no.2, pp.100-105, 2023 (Peer-Reviewed Journal)
- III. **miRNA and Biogenesis**
SUVARIKLI ALAN B., NİZAMLIOĞLU M., BULUT Z.
Animal Health, Production and Hygiene, vol.10, pp.58-65, 2021 (Peer-Reviewed Journal)
- IV. **High blood iron and magnesium concentrations in broilers fed with different plants in free-range systems**
ALTUNOK V., BALEVİ T., COŞKUN P., GÜRBÜZ E., BULUT Z., ÇELİK E.

- Eurasian Journal of Veterinary Sciences, vol.37, no.3, pp.166-173, 2021 (Peer-Reviewed Journal)
- V. **Determination of hemoglobin A1c (HbA1c), alkaline phosphatase (ALP), aspartate aminotransferase (AST), superoxide dismutase (SOD) values and lipid profiles in rats fed with corn syrup and trans oil added diets**
KARAKARÇAYILDIZ UYANIK Ş., BAŞ H., BULUT Z., NİZAMLIOĞLU M.
Eurasian Journal of Veterinary Sciences, vol.37, no.3, pp.174-179, 2021 (Peer-Reviewed Journal)
- VI. **Investigation of lipid profile and liver enzymes in rats fed on trans fats obtained from cotton oil**
BAŞ H., KARAKARÇAYILDIZ UYANIK Ş., NİZAMLIOĞLU M., BULUT Z.
Animal Health Production and Hygiene, vol.10, no.1, pp.1-5, 2021 (Peer-Reviewed Journal)
- VII. **An in Vivo Study for the Use of Lupinus Albus (Fabaceae) in Drosophila Melanogaster Diet**
GÜNEŞ E., NİZAMLIOĞLU H. F., BULUT Z., NİZAMLIOĞLU M.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.24, no.6, pp.1344-1351, 2020 (Peer-Reviewed Journal)
- VIII. **Çeşitli ülkelerde halk elinde yetiştirilen Türk Çoban Köpeklerinde bazı morfolojik özellikler**
TEPELİ C., ERDOĞAN M., YILMAZ A., BULUT Z., Savolainen P.
Eurasian Journal of Veterinary Sciences, vol.33, no.4, pp.268-275, 2017 (Peer-Reviewed Journal)
- IX. **Türkiye’de bulunan bazı sığır ırklarının DGAT1 ve PRNP gen polimorfizminin araştırılması**
ŞAHİN İ., BULUT Z., KURAR E., ÖZŞENSOY Y., DOĞAN M., NİZAMLIOĞLU M.
Eurasian Journal of Veterinary Sciences, vol.33, no.1, pp.20-25, 2017 (Peer-Reviewed Journal)
- X. **Maternal phylogenetic of some Anatolian cattle breeds**
DOĞAN M., NİZAMLIOĞLU M., ÖZŞENSOY Y., KURAR E., BULUT Z., ALTUNOK V., IŞIK A., ÇAMLIDAĞ A.
Universal Journal of Agricultural Research, vol.5, no.2, pp.79-84, 2017 (Peer-Reviewed Journal)
- XI. **Genetik Hastalıkların Teşhisinde Kullanılan Testler**
BULUT Z.
Turkiye Klinikleri J Vet Sci Pharmacol Toxicol-Special Topics, vol.1, no.1, pp.45-49, 2015 (Peer-Reviewed Journal)
- XII. **Türkiye’de bulunan bazı keçi ırklarında mikrosatellit DNA markörlerinin kimliklendirme çalışmalarında kullanılabilirliğinin araştırılması**
BULUT Z., KURAR E., ÖZŞENSOY Y., ALTUNOK V., NİZAMLIOĞLU M.
JOURNAL OF CELL AND MOLECULAR BIOLOGY, vol.12, no.1-2, pp.39-45, 2014 (Scopus)
- XIII. **Investigation of PrP locus polymorphisms in some native Turkish sheep breeds**
KURAR E., BULUT Z., NİZAMLIOĞLU M.
Eurasian Journal of Veterinary Sciences, vol.30, no.3, pp.145, 2014 (Peer-Reviewed Journal)
- XIV. **Determination of chromosomal regions affecting body weight and egg production in Denizli X White Leghorn F2 populations**
BULUT Z., KURAR E., ÖZŞENSOY Y., NİZAMLIOĞLU M., GARİP M., YILMAZ A., ÇAĞLAYAN T., DERE S., KURTOĞLU V., Doğan M.
Eurasian Journal of Veterinary Sciences, vol.29, no.1, pp.30-38, 2013 (Peer-Reviewed Journal)
- XV. **Mikrosatellit DNA Markörleri Kullanılarak Atlarda Ebeveyn Tayini: Bir Vaka Takdimi**
ÖZŞENSOY Y., KURAR E., BULUT Z., NİZAMLIOĞLU M.
Veteriner Bilimleri Dergisi . Eurasian Journal of Veterinary Sciences, vol.24, no.1, pp.87-91, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

I. Fizikokimya

Bulut Z.

in: Veteriner Biyokimya, Betül APAYDIN YILDIRIM, Editor, ATATÜRK ÜNİVERSİTESİ AÇIKÖĞRETİM FAKÜLTESİ YAYINEVİ, Erzurum, pp.1-21, 2019

II. Nükleik Asitler

Bulut Z.

in: Veteriner Biyokimya, Betül Apaydın Yıldırım, Editor, ATATÜRK ÜNİVERSİTESİ AÇIKÖĞRETİM FAKÜLTESİ

YAYINEVİ, Erzurum, pp.1-22, 2019

III. Biyokimya Laboratuvar Uygulamaları

Nizamlioğlu M., Kurtoğlu F., Başpınar N., Altunok V., Haliloğlu S., Bulut Z.
Aybil Yayınları, Konya, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **The relationship between gut microbiota and depression**
Çoban Ü. Y., Emre E. N., Alan B. S., Bulut Z.
7th International Conference on Agricultural and Food Science (ICAFS 2023, İzmir, Turkey, 29 September - 01 October 2023, pp.1
- II. **Genetic diversity among domestic goats (*Capra hircus*) and wild goats (*Capra aegagrus*) in Turkey**
Yıldırım İ. S., NİZAMLIOĞLU M., Deniz Öncü M., KOBAN BAŞTANLAR E., BULUT Z.
36th International Society for Animal Genetics Conference, Dublin, Ireland, 16 - 21 July 2017
- III. **Genetic diversity among domestic goats (*Capra hircus*) and wild goats (*Capra aegagrus*) in Turkey**
Yıldırım İ. S., NİZAMLIOĞLU M., Denizci Öncü M., KOBAN BAŞTANLAR E., BULUT Z.
36th International Society for Animal Genetics Conference, Dublin, Ireland, 16 - 21 July 2017
- IV. **Yaban Hayatının Önemi ve Kartallarda Genetik Çalışmalar**
BULUT Z.
18.Türkiye Kuş Konferansı, Bursa, Turkey, 21 - 23 April 2017
- V. **Wild animal biodiversity and Kastamonu**
BULUT Z., NİZAMLIOĞLU M.
Ist INTERNATIONAL ABANA SYMPOSIUM From Past to Present Kastamonu/City-Culture-Identity, Kastamonu, Turkey, 20 - 21 May 2016
- VI. **ELA DRA gene haplotypes in healthy Arabianhorses**
BULUT Z., KURAR E., BULUT O., NİZAMLIOĞLU M.
European Biotechnology Congress, Riga, Latvia, 5 - 07 May 2016, vol.231, pp.21
- VII. **Major Histocompatibility Complex MHC Polymorphism and Disease Resistance**
BULUT O., AVCI O., BULUT Z., ŞİMŞEK A.
ICAFBBE 2016 : 18th International Conference on Agricultural Sciences, Food, Beverage and Bioprocess Engineering, Amsterdam, Netherlands, 12 - 13 May 2016
- VIII. **Mitochondrial DNA Sequence Variation In Roe Deer *Capreolus capreolus* In Turkey**
Sayar A. O., BULUT Z., NİZAMLIOĞLU M., Denizci M., Emir H., Koban E.
13th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Irakleio/Crete, Greece, 7 - 11 October 2015
- IX. **Maternal phylogenetic of some Anatolian cattle breeds**
Doğan M., NİZAMLIOĞLU M., ÖZŞENSOY Y., KURAR E., BULUT Z., ALTUNOK V., Işık A., Çamlıdağ A.
2nd ICSAE 2015 International Conference on Sustainable Agriculture and Environment, Konya, Turkey, 30 September - 03 October 2015
- X. **Non invasive genetic assessment reveals low nest site fidelity and long distance foraging movements of white tailed sea eagles in central Asia**
Katzner T. E., BULUT Z., Bragin E., DeWoody J. A., Braham M., Doyle J. M.
Ornithology Meeting (AFO, SCO/SOC, WOS) 2015, Wolfville/Nova Scotia, Canada, 15 - 19 July 2015
- XI. **Investigation of BMP15 and BMPR 1B Gene Mutations in Profilic Sakiz Sheep**
KURAR E., ÖZŞENSOY Y., BULUT Z., GÜZELOĞLU A., NİZAMLIOĞLU M.
15th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR), 15 - 17 September 2011

Expert Reports

- I. **Hekimlikte Metabolomik Çalışmalara Genel Bir Bakış BİLİRKİŞİ RAPORU**
BULUT Z.
2015
- II. **The Effect of Different Doses of Oral Salinomycin on Oxidative Stress Biomarkers in Sheep BİLİRKİŞİ RAPORU**
BULUT Z.
2015

Supported Projects

Bulut O., Bulut Z., Dinçer E., Dik I., Nayir M. B., Uyunmaz Saklı G., Palancı H. S., Project Supported by Higher Education Institutions, Detection and Classification of Rotavirus Agents in Animals with Diarrhea in Izmir and Surroundings, Investigation of the Relative Distribution of G and P Genotype Combinations, 2024 - 2026

Bulut Z., TUBITAK Project, Sağlık Bilimleri Alanında Lisansüstü Uygulamalı Proje Eğitimi: 9 Eylül, 2023 - 2023

Bulut Z., TUBITAK Project, Fındık (*Corylus avellana* L.) ve Fındık Zarı Diyet Liflerinin Prebiyotik Potansiyellerinin Belirlenmesi, 2019 - 2021

Bulut Z., TUBITAK Project, Ulusal Biyoçeşitliliğin ve Gen Kaynaklarının Korunması Hedefleri Doğrultusunda Büyük Memeli Türlerinin Araştırılması Korunması ve Yönetimi, 2010 - 2016

Bulut Z., TUBITAK Project, Türkiyede Bulunan Bazı At Irklarında Major Histocompatibility Complex MHC ve Mikrosatellit Polimorfizmi, 2010 - 2012

Bulut Z., TUBITAK Project, Türk Çoban Köpeklerinin Kökenlerinin Araştırılması, 2010 - 2012

Bulut Z., TUBITAK Project, Türkiye Yerli Evcil Hayvan Genetik Kaynaklarından Bazılarının In Vitro Korunması Ve Ön Moleküler Tanımlanması I Türk Haygen I, 2007 - 2011

Bulut Z., TUBITAK Project, Sakız Koyun Irkında Bmp15 Ve Alk 6 Genlerinin Döl Verimi Üzerine Etkilerinin Araştırılması, 2008 - 2010

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Ondokuz Mayıs University, Turkey, January 2024

Project Supported by Higher Education Institutions, BAP Research Project, Ondokuz Mayıs University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylül University, Turkey, December 2023

Tasks In Event Organizations

Bulut Z., Sağlık Bilimleri Alanında Lisansüstü Uygulamalı Proje Eğitimi: 9 Eylül, Science / Art Camp or Summer School Organization, İzmir, Turkey, Eylül 2023

Bulut Z., III. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi (Uluslararası Katılımlı) , Scientific Congress, Konya, Turkey, Haziran 2007

Metrics

Publication: 61
Citation (WoS): 10

Citation (Scopus): 350

H-Index (WoS): 2

H-Index (Scopus): 9

Invited Talks

18. Türkiye Kuş Konferansı, Conference, Doğa Derneği, Turkey, April 2017

Scholarships

Senior Scientist, University, 2013 - 2014

Yurtdışı Araştırma Bursu, YOK, 2013 - 2013

Visiting Scientist, University, 2006 - 2008

TÜBİTAK BİDEB-2219, TUBİTAK, 2006 - 2006

Awards

Bulut Z., Bilge Tonyukuk Türk Eğitimine Hizmet Ödülü, Uluslararası Avrasya Eğitim Sendikaları Birliği (Uaeseb),
November 2020