

Asst. Prof. ALİ ERDEM ÖZTÜRK

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 29578

Email: aeozturk@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/alierdemozturk>

International Researcher IDs

ScholarID: [rqvth6cAAAAJ](https://orcid.org/0000-0002-3053-4615)

ORCID: 0000-0002-3053-4615

Publons / Web Of Science ResearcherID: ABB-8076-2020

ScopusID: 57216223110

Yoksis Researcher ID: 238431

Education Information

Doctorate, Selcuk University, Institute Of Health Sciences, Reproduction and Artificial Insemination, Turkey 2016 - 2021

Undergraduate, Ankara University, Faculty Of Veterinary Medicine, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Sucul Ekosistemlerde Araştırma Yöntemleri, Erciyes Üniversitesi, 2021

Vocational Training, Bovine Ovum Pick-Up, Selçuk Üniversitesi, 2019

Other, Ev ve Süs Hayvanı Yetiştiriciliği, İstanbul Büyükşehir Belediyesi Veteriner Hizmetleri Müdürlüğü, 2015

Quality Management, HALAL Food Training, ARTIBEL CERTIFICATION, 2013

Quality Management, ISO 22000:2005 Food Safety Management System Training, ARTIBEL CERTIFICATION, 2013

Quality Management, Good Manufacturing Practice (GMP) Training, ARTIBEL CERTIFICATION, 2013

Research Areas

Veterinary Reproduction and Artificial Insemination

Academic Titles / Tasks

Assistant Professor, Erciyes University, Veteriner Fakültesi, Klinik Bilimler, 2022 - Continues

Research Assistant PhD, Erciyes University, Veteriner Fakültesi, Klinik Bilimler, 2021 - 2022

Research Assistant, Erciyes University, Veteriner Fakültesi, Klinik Bilimler, 2015 - 2021

Academic and Administrative Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Erciyes University, Veteriner Fakültesi, Klinik Bilimler, 2023 - Continues

Courses

Klinik II, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Klinik, Undergraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022

Clinic I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Animal Reproduction, Artificial Insemination and Andrology, Undergraduate, 2023 - 2024, 2022 - 2023

Klinik III, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Veheriner Hekimliği Olgunlaşma Eğitimi, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Immunofluorescence and biochemical investigation of the protective effects of naringin and diosmin on the freezability of merino ram semen**
ÖMÜR A. D., Kaynar O., İieriturk M., ÖZKARACA M., ÖZTÜRK A. E., Bodu M., Sahin I. N., AKARSU S. A.
Cryo letters, vol.45, no.5, pp.309-319, 2024 (SCI-Expanded)
- II. **Combination of trehalose and low boron in presence of decreased glycerol improves post-thawed ram sperm parameters: A model study in boron research**
Bucak M. N., Keskin N., Bodu M., Bülbül B., Kirbas M., Öztürk A. E., Frootan F., İli P., Özkan H., Başpınar N., et al.
ANDROLOGY, vol.10, no.3, pp.585-594, 2022 (SCI-Expanded)
- III. **Combination of fetuin and trehalose in presence of low glycerol has beneficial effects on freeze-thawed ram spermatozoa**
Bucak M. N., Akalin P. P., Keskin N., Bodu M., Öztürk A. E., İli P., Özkan H., Topraggaleh T. R., Arslan H. O., Başpınar N., et al.
ANDROLOGY, vol.9, no.3, pp.1000-1009, 2021 (SCI-Expanded)
- IV. **Decreasing glycerol content by co-supplementation of trehalose and taxifolin hydrate in ram semen extender: Microscopic, oxidative stress, and gene expression analyses**
Bucak M. N., Keskin N., İli P., Bodu M., Akalin P. P., Ozturk A. E., Ozkan H., Topraggaleh T. R., Sari F., Baspınar N., et al.
CRYOBIOLOGY, vol.96, pp.19-29, 2020 (SCI-Expanded)
- V. **Cryopreservation Effects on Ram Sperm Ultrastructure**
Keskin N., Erdogan C., Bucak M. N., Ozturk A. E., Bodu M., İli P., Baspınar N., Dursun S.
BIOPRESERVATION AND BIOBANKING, vol.18, no.5, pp.441-448, 2020 (SCI-Expanded)
- VI. **The synergistic effect of trehalose and low concentrations of cryoprotectants can improve post-thaw ram sperm parameters**
Ozturk A. E., Bodu M., Bucak M. N., Agir V., Ozcan A., Keskin N., İli P., Topraggaleh T. R., Sidal H., Baspınar N., et al.
CRYOBIOLOGY, vol.95, pp.157-163, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Ergothioneine and Quercetin Additions in to the In Vitro Embriyo Development**
Bodu M., Öztürk A. E., Elçin M., Atay Y. E., Narlıçay S., Ataman M. B., Bucak M. N.
Eurasian Journal of Veterinary Sciences, vol.40, no.2, pp.58-65, 2024 (Peer-Reviewed Journal)
- II. **Histopathological evaluation of the effects of thymoquinone and resveratrol on the liver in rats administered doxorubicin**
Ates M. B., Ozdemir O., Öztürk A. E., Bucak M. N., Bulut A.
Eurasian Journal of Veterinary Sciences, vol.38, no.3, pp.150-158, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **An Overview of Intracytoplasmic Sperm Injection (ICSI): Its Development and Popularity**
ÖZTÜRK A. E., KORKMAZ O., BUCAK M. N., YALÇINKAYA KALYAN E., TOPRAGGALEH T. R.
in: Health Science Research: Basic Medicine II, Hülya Çiçek, Editor, Özgür Yayınları, pp.1-56, 2023
- II. **The Effects of Micro & Nano Pollution on Fish Reproduction**
ÖZTÜRK A. E.
in: Nanotechnology in Reproduction, Ali Erdem ÖZTÜRK, Editor, Özgür Yayınları, Kayseri, pp.63-72, 2023
- III. **Current Approaches to the Use of Nanotechnology in Reproductive Biotechnologies: Spermatological Researches**
Öztürk A. E., Ömür A. D.
in: The Trend in Nanomaterials, Synthesis and Applications, Tuba ÇAKICI, Editor, Efe Academy Publishing, İstanbul, pp.29-46, 2022
- IV. **Metabolism of Spermatozoa**
Bodu M., Öztürk A. E.
in: Animal Health Perspectives, Rao Zahid ABBAS, Ahrar KHAN, Ping LIU, Muhammad Kashif SALEEMİ, Editor, Unique Scientific Publishers, Faisalabad, pp.261-264, 2022
- V. **İn Vitro Embriyo Üretiminde Farklı Türlerdeki Yeri**
Öztürk A. E., Sarıözkan S.
in: Çiftlik Hayvanlarında İn Vitro Fertilizasyon, Prof.Dr. Serpil SARIÖZKAN, Editor, Türkiye Klinikleri Yayınevi, Konya, pp.45-50, 2020
- VI. **Embriyo Transfer Manipülasyonlarında Antioksidan Kullanımı**
Öztürk A. E., Bucak M. N.
in: Çiftlik Hayvanlarında Embriyo Transferi Uygulamalar, Numan AKYOL, Editor, Türkiye Klinikleri Yayınevi, Konya, pp.26-33, 2019
- VII. **Cryobiology and Cryopreservation of Sperm**
ÖZTÜRK A. E., BUCAK M. N., BODU M., BAŞPINAR N., ÇELİK İ., SHU Z., KESKİN N., Gao D.
in: Cryopreservation - Current Advances and Evaluations, Marian Quain, Editor, IntechOpen, pp.1-52, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Exploring Nanotechnology's Role in Advancing Reproductive Biotechnologies: The Current Landscape at Erciyes University and Türkiye**
Öztürk A. E., Atay Y. E., Bodu M., Sarıözkan S., Öçsoy İ.
VII. International Congress on Domestic Animal Breeding Genetics and Husbandry Animal Nutrition, Aquaculture, Apiculture and Veterinary Science, Krakow, Poland, 18 - 20 September 2023
- II. **EFFECTS OF RESVERATROL AND THYMOQUINONE ON DOXORUBICIN-INDUCED RAT TESTICULAR DAMAGE: HISTOPATHOLOGICAL AND IMMUNOHISTOCHEMICAL EVALUATIONS**
Öztürk A. E., Ateş M. B., Özdemir Ö., Bucak M. N.
Ist INTERNATIONAL 10th NATIONAL REPRODUCTION AND ARTIFICIAL INSEMINATION SCIENCE CONGRESS, Konya, Turkey, 28 September - 01 October 2022, pp.109-110
- III. **EFFECT OF FETUIN ON POST-THAWED ARABIAN STALLION SEMEN PARAMETERS**
Ataman M. B., Bodu M., Bucak M. N., Öztürk A. E., Sarı A., Karabulut E., Dik Ç., Kılınç Z., Asadabadi S.
Ist INTERNATIONAL 10th NATIONAL REPRODUCTION AND ARTIFICIAL INSEMINATION SCIENCE CONGRESS, Konya, Turkey, 28 - 30 September 2022, vol.1, pp.119-120
- IV. **IMMUNOFLUORESCENCE AND BIOCHEMICAL INVESTIGATION OF THE PROTECTIVE EFFECTS OF NARINGIN AND DIOSMIN ON FREEZABILITY OF MERINO RAM SEMEN**
Ömür A. D., Kaynar Ö., Özkaraca M., İleritürk M., Karataş Ö., Çomaklı S., Öztürk A. E., Bodu M., Şahin İ. N.
ATAVET-1. INTERNATIONAL (2. International Participants) STUDENT CONGRESS, Erzurum, Turkey, 4 - 06 December 2019, pp.1-2

- V. **NARİNGİN VE DİOSMİNİN MERİNOS IRKI KOÇ SPERMASININ DONDURULABİLİRLİĞİ ÜZERİNE KORUYUCU ETKİLERİNİN İMMUNFLORESAN VE BİYOKİMYASAL OLARAK İNCELENMESİ**
ÖMÜR A. D., KAYNAR Ö., ÖZKARACA M., İLERİTÜRK M., KARATAŞ Ö., ÇOMAKLI S., ÖZTÜRK A. E., BODU M., ŞAHİN İ. N.
ATAVET-1. INTERNATIONAL (2. International Participants) STUDENT CONGRESS, Erzurum, Turkey, 4 - 06 December 2019
- VI. **The Effect of Tris-Based Taxifolin And Trehalose Extender On Post-Thawed Ram Semen Parameters**
Bucak M. N., Keskin N., Öztürk A. E., Başpınar N., İli P.
BIALIC CONGRESS. INTERNATIONAL BIOLOGICAL, AGRICULTURAL LIFE SCIENCE CONGRESS, Lviv, Ukraine, 7 - 08 November 2019, pp.96
- VII. **Effects of Ethylen Glycol and Quarcetin Supplementation in Cryoprotectants on Post-Thawed Kangal Dog Sperm Ultrastructure**
Bucak M. N., İli P., Güngör Ş., Keskin N., Öztürk A. E., Bodu M., Sarıözkan S.
19th Royan International Congress on Reproductive Biomedicine, Tehran, Iran, 29 - 31 August 2018, pp.82
- VIII. **Effects of Taxifolin and Trehalose on post-thawed Merinos Ram semen DNA integrity.**
İli P., Sarı F., Bucak M. N., Keskin N., Bodu M., Öztürk A. E., Başpınar N., Şahin İ. N., Dursun Ş.
The 4th Symposium on EuroAsian Biodiversity (SEAB-2018), Kyiv, UKRAINE, Kyiv, Ukraine, 3 - 06 July 2018, pp.108
- IX. **Some sperm quality parameters in domestic animals**
Bucak M. N., Keskin N., İli P., Öztürk A. E.
The 4th Symposium on EuroAsian Biodiversity (SEAB-2018), Kyiv, UKRAINE, Kyiv, Ukraine, 3 - 06 July 2018, pp.80
- X. **Effects of Paclitaxel (Taxol) and Resveratrol on Rabbit Epididymal Sperm Tail Morphology**
İli P., Sarı F., Öztürk C., Güngör Ş., Bucak M. N., Ataman M. B., Bodu M., Öztürk A. E.
The 4th Symposium on EuroAsian Biodiversity (SEAB-2018), Kyiv, UKRAINE, Kyiv, Ukraine, 3 - 06 July 2018, pp.39
- XI. **In vitro maturation in mouse**
Bucak M. N., Öztürk A. E.
International Congress on Advances in Bioscience and Biotechnology, Sarajevo, Bosnia And Herzegovina, 25 - 29 December 2017, pp.55
- XII. **The Effects of Arabinose on Post-Thawed Ram Semen Parameters**
Ataman M. B., Bodu M., Öztürk A. E., Şahin İ. N., Bucak M. N.
The 16th International Symposium. Prospects for the 3rd Millennium Agriculture, Cluj-Napoca, Romania, 28 - 30 September 2017, pp.277
- XIII. **The Effect of Tris-Based Fetuin and Trehalose Extender on Post-Thawed Ram Semen Parameters**
Bucak M. N., Keskin N., Başpınar N., Bodu M., İli P., Öztürk A. E., Şahin İ. N., Dursun Ş., Ataman M. B.
The 16th International Symposium. Prospects for the 3rd Millennium Agriculture, Cluj-Napoca, Romania, 28 - 30 September 2017, pp.284
- XIV. **The Effect of Tris-Based Taxifolin and Trehalose Extender on Post-Thawed Ram Semen Parameters**
Bucak M. N., Keskin N., Başpınar N., Bodu M., İli P., Öztürk A. E., Şahin İ. N., Dursun Ş., Ataman M. B.
The 16th International Symposium. Prospects for the 3rd Millennium Agriculture, Cluj-Napoca, Romania, 28 - 30 September 2017, pp.283
- XV. **Effects of Eugenol on Cryopreserved Ram Semen with Fluorescence Stainings**
Bodu M., Ataman M. B., Öztürk A. E., Şahin İ. N., Bucak M. N.
The 16th International Symposium. Prospects for the 3rd Millennium Agriculture, Cluj-Napoca, Romania, 28 - 30 September 2017, pp.279
- XVI. **Protective effects of different cryoprotectants on post-thawed rabbit epididymal sperm chromatin condensation**
İli P., Öztürk C., Güngör Ş., Bucak M. N., Sarı F., Ataman M. B., Bodu M., Öztürk A. E., Şahin İ. N.
The 3rd International Symposium on EuroAsian Biodiversity (SEAB-2017), Minsk, Belarus, 5 - 08 July 2017, pp.486

Supported Projects

- ATAY Y. E., AKAR Y., ÖZTÜRK A. E., GÜLER A., TEMÜR N., YILMAZ C., Project Supported by Higher Education Institutions, Gempitabin Yüklü Mezogözenekli Silika Kaplı Altın Nanoçubuk Kompozitlerin Üretimi ve Kombine Tedavi Modellerinin Köpek Meme Kanseri Hücreleri Üzerine Etkisinin Araştırılması, 2024 - Continues
- Öztürk C., Öztürk A. E., Ataman M. B., Bucak M. N., Bodu M., Project Supported by Other Official Institutions, Koç Sperma Sulandırıcısına Eklenen Katkı Maddelerinin Bazı Spermatolojik Parametreler Üzerine Etkisi, 2023 - 2025
- Öztürk A. E., Öçsoy İ., Okuroğlu A., Şimşek S., Atay Y. E., Turhan A., Sarıözkan S., Sevgi R., Dadı Ş., Şahin D., TUBITAK Project, Boğa Spermasının Saflaştırılmasında Biyoyumlu Manyetik Fe₃O₄ Nanoparçacıkların Kullanımı Ve Nano Saflaştırılmış Sperma Elde Edilmesi, 2023 - 2024
- Öztürk A. E., Sarıözkan S., Öçsoy İ., Dadı Ş., Atay Y. E., Şimşek H. A., Bodu M., TUBITAK Project, Farklı Boyutlarda Biyoyumlu Demir Oksit Nanoparçacıkların Sentezlenmesi Ve Boğa Spermasının Dondurulmasında Antifreeze Protein İlişkinde Taşınımında Vektör Olarak Kullanımının Araştırılması, 2023 - 2024
- Öztürk A. E., Sarıözkan S., Öçsoy İ., Bodu M., Atay Y. E., Project Supported by Higher Education Institutions, Investigation of the Effects of Various Nanoparticles on Freezability of Angora Goat Buck Sperm, 2022 - 2024
- Öztürk A. E., Balcı A., Leblebici P., Sivri G., Sağlam A., TUBITAK Project, Effect of Mesoporous Silica Nanoparticles on Freezability of Ram Sperm, 2022 - 2023
- Diñç D. A., Coşkun B., İnal Ş., Bucak M. N., Bilecen K., Çizmeci S. Ü., Çiftçi M. F., Yeşilkaya Ö. F., Öztürk A. E., Bodu M., et al., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, İn vitro Embriyo Üretiminde (IVEP) Farklı Yöntemlerin Denenmesi İle Damızlık Elit Süt İneği Sürüsü Oluşturulması, 2019 - 2023
- Öztürk A. E., Bucak M. N., Project Supported by Higher Education Institutions, Determination of Damages Caused by Doxorubicin in Rat Testicular Tissue and Protective Effects of Various Antioxidants, 2019 - 2021
- Sevgi R., Ertem T. B., Yılmaz M. A., Okuroğlu A., Satılmış M., Bucak M. N., Öztürk A. E., Parıldar Ö. O., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Ankara Keçisi Spermalarının Trehaloz ve Karnosik Asit İçeren Sulandırıcı Gruplarla Dondurulması, 2018 - 2021
- Bucak M. N., Ataman M. B., Kaya A., Bodu M., Öztürk A. E., Project Supported by Higher Education Institutions, In Vitro Kültür Medyumlarına Katılan Araşidonik Asit ve Fetüin'in Embriyo Gelişimine Etkisinin Araştırılması, 2018 - 2020

Scientific Refereeing

- FRONTIERS IN VETERINARY SCIENCES, SCI Journal, February 2023
- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, Journal Indexed in SCI-E, August 2021
- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, Journal Indexed in SCI-E, October 2020
- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, Journal Indexed in SCI-E, June 2020
- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, Journal Indexed in SCI-E, May 2019
- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, Journal Indexed in SCI-E, February 2019

Scientific Research / Working Group Memberships

- Reprofellas, Erciyes University, Turkey, <https://avesis.erciyes.edu.tr/arastirma-grubu/repfellas>, 2023 - Continues

Metrics

- Publication: 31
- Citation (WoS): 77
- Citation (Scopus): 79
- H-Index (WoS): 5
- H-Index (Scopus): 5

Awards

Öztürk A. E., Oral Best Presentation , VII. International Congress On Domestic Animal Breeding, Genetics And Husbandry, September 2023

Öztürk A. E., Certificate of Appreciation, Erciyes University Research Dean's Office, April 2023

Öztürk A. E., Young Researcher 3rd Prize, 1st International 10Th National Reproduction And Artificial Insemination Science Congress, September 2022