

Lect. PhD HAKAN ESKİZENGİN

Personal Information

Office Phone: [+90 312 216 8728](tel:+903122168728)

Email: eskizengin@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/eskizengin>

Address: Ankara Üniversitesi, Fen Fakültesi, A Blok, Biyoloji Bölümü, Ofis No: B56, Emniyet, Döğol Cd., 06100 Yenimahalle/Ankara, Türkiye

International Researcher IDs

ScholarID: adPN22wAAAAJ

ORCID: 0000-0003-1709-7497

Publons / Web Of Science ResearcherID: AAH-9305-2020

ScopusID: 57971781700

Yoksis Researcher ID: 305185

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2018 - 2023

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2013 - 2018

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2008 - 2012

Certificates, Courses and Trainings

Health&Medicine, Temel Uygulamalı Hücre Kültürü ve Kök Hücre Uygulamaları Sertifika Eğitimi, ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ SÜREKLİ EĞİTİM MERKEZİ, 2023

Dissertations

Postgraduate, Diflubenzuron'xxun Periplaneta americana'xxnın orta bağırsağına ve kitin miktarına etkisi, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2018

Research Areas

Biomaterial, Animal Cytology and Histology

Academic Titles / Tasks

Lecturer, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 2019 - Continues

Courses

Undergraduate

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Recent Updates on Blood Purification: Use of Smart Polymer Materials**
Ergun C., ESKİZENGİN H.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, no.3, 2025 (SCI-Expanded)
- II. **Advancements and Applications of 4D Bioprinting in Biomedical Science**
ESKİZENGİN H., Ergun C.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.43, no.1, pp.18-39, 2025 (SCI-Expanded)
- III. **Manipulating macrophage polarization with nanoparticles to control metastatic behavior in heterotypic breast cancer micro-tissues via exosome signaling**
Sungu M., Isik M., Güler Ü., Eylem C. C., Eskizengin H., Nemutlu E., Salih B., Derkuş B.
Nanoscale, vol.16, no.1, pp.394-410, 2023 (SCI-Expanded)
- IV. **Protective effects of vitamin E on spinosad-induced small intestine damage in rats**
Acar-Cömert S. İ., Özcan M., Eskizengin H., Gül N.
Rendiconti Lincei. Scienze Fisiche e Naturali, vol.34, no.4, pp.1241-1253, 2023 (SCI-Expanded)
- V. **3D Printing of Extracellular Matrix-Based Multicomponent, All-Natural, Highly Elastic, and Functional Materials toward Vascular Tissue Engineering**
Isik M., Karakaya E., Arslan T. S., Atila D., ERDOĞAN Y. K., ARSLAN Y. E., ESKİZENGİN H., Eylem C. C., NEMUTLU E., ERCAN B., et al.
ADVANCED HEALTHCARE MATERIALS, vol.12, no.20, 2023 (SCI-Expanded)
- VI. **The Ultrastructure of Skeletal Muscle Capillaries of Streptozotocin Diabetic Rats and the Therapeutic Effect of Benfluorex**
Gül N., Cebesoy S., Özsoy Erdaş N., Eskizengin H., Özer Ç.
MICROSCOPY AND MICROANALYSIS, vol.28, no.6, pp.2167-2171, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation Of Lectin Binding On Rabbit Spleen Cell Membrane Infected With Proteus vulgaris**
Dıamı M., Eskizengin H., Badali M. N., Gül N.
Communications Faculty of Sciences University of Ankara Series C Biology, vol.33, no.2, pp.109-122, 2024 (Peer-Reviewed Journal)
- II. **The Effects of Diflubenzuron on Acetylcholinesterase (EC 3.1.1.7) Activity and Liver Ultrastructure in Wistar Rats**
GÜL N., YİĞİT N., Saygili Yigit F., YAZICI ÖZÇELİK E., ESKİZENGİN H.
Gazi University Journal of Science, vol.36, no.1, pp.68-78, 2023 (Scopus)
- III. **Fast and versatile electrochemical approach for soft tissue decellularization**
Ertuğrul M. İ., GÜRBÜZ A., ESKİZENGİN H., ODABAŞ S.
METHODSX, vol.10, 2023 (ESCI)
- IV. **Residual Efficacy of Diflubenzuron on Mosquito Larvae around Ankara province in Turkey**
YİĞİT N., YAZICI ÖZÇELİK E., GÜL N., SAYGILI YİĞİT F., BAYRAMOĞLU D., ÇETİNTÜRK D., eskizengin H.
Acta Biologica Turcica, vol.32, no.2, pp.18-22, 2019 (Peer-Reviewed Journal)
- V. **ULTRASTRUCTURAL EXAMINATIONS ON DIABETIC RAT SKIN TISSUE WITH TOPICAL APPLICATION OF Salvia euphratica ETHANOL EXTRACT**
GÖKALP ÖZKORKMAZ E., GÜL N., ÖZAY Y., GÜZEL ÖZAY S., KAHRAMAN A., ESKİZENGİN H.
International Journal of Health Services Research and Policy, vol.3, no.3, pp.107-116, 2018 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Biosynthesis of CeO₂ NPs using *Persea americana* extract and evaluation of their antioxidant activity**
Eskizengin H., Ergun C.
7th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2024), Ankara, Turkey, 2 - 04 October 2024, pp.60
- II. **Eco-friendly synthesis of graphene/ZnO nanocomposites with visible light-driven photocatalytic activity for water remediation: A preliminary study**
Ergun C., Eskizengin H., Özeren S. C.
6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.128
- III. **Histochemical Effects of Spinosad on Rat Liver**
Eskizengin H., Gül N., Yiğit N., Saygılı Yiğit F., Tunç B.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1
- IV. **ULTRASTRUCTURAL EXAMINATIONS ON DIABETIC RAT SKIN TISSUE WITH TOPICAL APPLICATION OF *Salvia euphratica* ETHANOL EXTRACT**
Gökalep Özkorkmaz E., Gül N., Özay Y., Güzel S., Kahraman A., Eskizengin H.
The International Health Sciences Conference 2018 (IHSC 2018), Diyarbakır, Turkey, 14 - 17 November 2018, pp.705-706
- V. **Histochemical Effects of Brodifacoum on Rat Spleen**
GÜL N., ESKİZENGİN H., YİĞİT N., BAYRAMLI B., SAYGILI YİĞİT F.
11th European Vertebrate Pest Management Conference, Varşova, Poland, 25 September - 29 October 2017

Supported Projects

Eskizengin H., Gül N., Project Supported by Higher Education Institutions, Sıçanlarda Doksorubisin ile Oluşturulmuş Kardiyotoksititeye Karşı Pelargonium sidoides Ekstraktının Koruyucu Rolünün Belirlenmesi, 2022 - 2024

ESKİZENGİN H., GÜL N., Project Supported by Higher Education Institutions, Biyoloji Bölümü Elektron Mikroskobu ve Histokimya Laboratuvarlarının Yeniden Yapılandırılıp, Geliştirilmesi. Ankara Üniversitesi Bilimsel Araştırma Projeleri Müdürlüğü, Proje No: 16A0430001. (Alt Yapı Projesi), 2016 - 2017

Activities in Scientific Journals

Communications/ Faculty of Sciences University of Ankara Series C: Biology and Geological Engineering and Geophysical Engineering, Technical Redactor, 2023 - Continues

Metrics

Publication: 17

Citation (WoS): 22

Citation (Scopus): 20

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

TÜBİTAK 1004. Sağlıklı Yaşam için Yeni Nesil Biyomalzeme Teknolojileri Araştırma Ağı Projesi, TÜBİTAK, 2023 -

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