

Res. Asst. Burcu TÜRKOĞLU

Personal Information

Office Phone: [+90 212 383 4454](tel:+902123834454) Extension: 4454

Email: btuncer@yildiz.edu.tr

Other Email: ytuburcutuncer@gmail.com

Web: <https://avesis.yildiz.edu.tr/btuncer>



International Researcher IDs

ORCID: 0000-0002-2939-3966

ScopusID: 57193379647

Yoksis Researcher ID: 216175

Education Information

Doctorate, Yıldız Technical University, Fen Edebiyat Fakültesi / Fen Bilimleri Enstitüsü,

Moleküler Biyoloji Ve Genetik, Turkey 2017 - Continues

Postgraduate, Yıldız Technical University, Fen Edebiyat Fakültesi / Fen Bilimleri Enstitüsü,

Moleküler Biyoloji Ve Genetik, Turkey 2014 - 2017

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi , Biyoloji, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Course, Biyoistatistik Yöntemler, SpssKullanımı ve SCI ve SCI Expanded Dergiler İçin Bilimsel Yayın Oluşturma Eğitimi Kursu, Biruni Üniversitesi, 2019

Foreign Language, Super Intensive İngilizce Kursu (360 saat), Stafford House Dil Okulu, 2016

Vocational Course, Deney Hayvanları Kullanım Sertifikası, Bezmiâlem Vakıf Üniversitesi, 2016

Dissertations

Postgraduate, Deneysel Diyabet Modelinde Kateşin Yüklü Nano Partiküllerin Antioksidan Statü Üzerine Etkisinin İncelenmesi, Yıldız Technical University, Graduate School of Natural and Applied Sciences, Moleküler Biyoloji ve Genetik, 2017

Research Areas

Life Sciences, Biochemistry, Biomolecules, Molecular Biochemistry, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics,
2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and Characterization of Catechin Loaded Microparticles and Their Evaluation for Antimutagenic Activity Against *S. typhimurium* Mutant Strains.**
Arasoğlu T., Türkoğlu B., Akmayan İ., Mansuroğlu B., Derman S.
Fresenius Environmental Bulletin, vol.1, pp.1, 2020 (SCI-Expanded)
- II. **Catechin Loaded Poly(lactic-co-glycolic acid) Nanoparticles: Characterization, Antioxidant and Cytotoxic Activity Against MCF-7 Breast Cancer Cells**
Türkoğlu B., Mansuroğlu B.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.20, pp.5313-5321, 2020 (SCI-Expanded)
- III. **Synthesis and characterization of catechin loaded nanoparticles and their evaluation for antimutagenic activity against *S. Typhimurium* strains**
Arasoglu T., TÜRKÖĞLU B., Akmayan I., MANSUROĞLU B., DERMAN S.
Fresenius Environmental Bulletin, vol.29, no.9, pp.7326-7334, 2020 (SCI-Expanded)
- IV. **Preparation, characterization, and enhanced antimicrobial activity: quercetin-loaded PLGA nanoparticles against foodborne pathogens**
ARASOĞLU T., DERMAN S., MANSUROĞLU B., Uzunoglu D., KOCYIGIT B., GUMUS B., ACAR T., TUNCER B.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.1, pp.127-140, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **ANTIOXIDANT EFFECT OF CATECHIN LOADED POLYMERIC NANOPARTICLE**
Tuncer B., Mansuroğlu B., Derman S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.34, no.3, pp.453-465, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation Of Biological Activity Of Catechin Loaded Nanoparticles**
Mansuroğlu B., Türkoğlu B.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020) , Ankara, Turkey, 19 - 20 March 2020, pp.767
- II. **Biodegradable PLGA Nanoparticles As a Carrier For Antioxidant Catechin**
TUNCER B., DERMAN S., MANSUROĞLU B.
VII. Bioengineering Congress, İzmir, Turkey, 19 - 21 November 2015
- III. **Diyabet Hastalığında Kateşin Yüklü Nanopartiküllerin Üretilimi ve Karakterizasyonu**
Tuncer B., Derman S., Mansuroğlu B.
XXVII. Ulusal Biyokimya Kongresi, Antalya, Turkey, 3 - 06 November 2015, vol.40, pp.194

Supported Projects

MANSUROĞLU B., TÜRKÖĞLU B., SERDAROĞLU KAŞIKÇI E., Project Supported by Higher Education Institutions, Şelidonik Asit Molekülünün In vitro Oksidatif Stres İndüklü Yaşlanma Üzerine Biyolojik Aktivitesinin İncelenmesi, 2021 - Continues
Türkoğlu B., Mansuroğlu B., Project Supported by Other Official Institutions, KATEŞİN YÜKLÜ NANOPARTİKÜLLERİN ANTİOKSİDAN ETKİNLİĞİNİN İNCELENMESİ, 2015 - 2018

MANSUROĞLU B., YABA UÇAR A., TÜRKOĞLU B., DERMAN S., Project Supported by Higher Education Institutions,
Streptozotocin (STZ) ile İndüklenmiş Diyabetik Sıçanlarda Enkapsüle Kateşin Molekülünün Antioksidan Aktivitesinin
İncelenmesi, 2015 - 2018

Metrics

Publication: 8

Citation (WoS): 24

Citation (Scopus): 28

H-Index (WoS): 2

H-Index (Scopus): 1