

Res. Asst. PhD Emine TORAMAN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik Anabilim Dalı, Turkey 2017 - 2023

Certificates, Courses and Trainings

Other, 2. DOĞU ANADOLU BÖLGE TOPLANTISI VE TRANSPLANTASYONDA GÜNCELLEME SEMPOZYUMU, Atatürk University Clinical Research Development and Design Application and Research Center, 2021

Personal Evolution, Kadına yönelik şiddetle mücadele sempozyumu, Atatürk Üniversitesi, 2021

Research Areas

Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Research Assistant, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2015 - Continues

Courses

Moleküler biyokimya laboratuvarı , Undergraduate, 2022 - 2023

Yaşam bilimleri laboratuvarı II, Undergraduate, 2022 - 2023

Moleküler biyolojide kullanılan yöntemler laboratuvarı II, Undergraduate, 2022 - 2023

Yaşam bilimleri laboratuvarı I, Undergraduate, 2022 - 2023

Moleküler biyolojide kullanılan yöntemler laboratuvarı I, Undergraduate, 2022 - 2023

Biyoteknoloji laboratuvarı, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- Role of parthenolide in paclitaxel-induced oxidative stress injury and impaired reproductive function in rat testicular tissue**

TORAMAN E., Budak B., BAYRAM C., Sezen S., Mokhtare B., Hacimueftueoglu A.

CHEMICO-BIOLOGICAL INTERACTIONS, vol.387, pp.110793-0, 2024 (SCI-Expanded)

- II. **Parthenolide as a potential analgesic in the treatment of paclitaxel-induced neuropathic pain: the rat modeling**
TORAMAN E., BAYRAM C., Sezen S., ÖZKARACA M., HACIMÜFTÜOĞLU A., BUDAK H.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.396, no.12, pp.3707-3721, 2023 (SCI-Expanded)
- III. **Evaluated periodontal tissues and oxidative stress in rats with neuropathic pain-like behavior**
Toraman A., Toraman E., Özkaraca M., Budak H.
MOLECULAR BIOLOGY REPORTS, vol.50, no.11, pp.9315-9322, 2023 (SCI-Expanded)
- IV. **Quantitative investigation of the bacterial content of periodontal abscess samples by real-time PCR**
ERGÜN E., TORAMAN E., BARIŞ Ö., BUDAK H., DEMİR T.
JOURNAL OF MICROBIOLOGICAL METHODS, vol.213, 2023 (SCI-Expanded)
- V. **Global warming and nanoplastic toxicity; small temperature increases can make gill and liver toxicity more dramatic, which affects fillet quality caused by polystyrene nanoplastics in the adult zebrafish model**
ŞENOL O., Sulukan E., BARAN A., BOLAT İ., TORAMAN E., ALAK G., YILDIRIM S., Bilgin G., CEYHUN S. B.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.892, 2023 (SCI-Expanded)
- VI. **The anxiolytic and circadian regulatory effect of agarwood water extract and its effects on the next generation; zebrafish modelling**
Kankaynar M., Ceyhun H. A., Baran A., Sulukan E., Yıldırım S., Bolat İ., Toraman E., Nadaroğlu H., Arslan M., Ceyhun S. B.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, vol.269, 2023 (SCI-Expanded)
- VII. **Global warming and glyphosate toxicity (I): Adult zebrafish modelling with behavioural, immunohistochemical and metabolomic approaches**
Sulukan E., Baran A., Şenol O., Kankaynar M., Yıldırım S., Bolat İ., Ceyhun H. A., Toraman E., Ceyhun S. B.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.858, 2023 (SCI-Expanded)
- VIII. **Fluoride exposure causes behavioral, molecular and physiological changes in adult zebrafish (Danio rerio) and their offspring**
Karaman M., Toraman E., Sulukan E., Baran A., Bolat İ., Yıldırım S., Kankaynar M., Ghosigharehagaji A., Budak H., Ceyhun S. B.
Environmental Toxicology and Pharmacology, vol.97, 2023 (SCI-Expanded)
- IX. **Tip60/Kat5 may be a novel candidate histone acetyltransferase for the regulation of liver iron localization via acetylation**
Baltacı N. G., TORAMAN E., Akyuz M., Kalın S. N., BUDAK H.
BIOMETALS, vol.35, no.6, pp.1187-1197, 2022 (SCI-Expanded)
- X. **Increased nociceptive sensitivity is associated with periodontal inflammation and expression of chronic pain genes in gingival tissues of male rats.**
Toraman A., Toraman E., Özkaraca M., Budak H.
Chemico-biological interactions, vol.366, pp.110128, 2022 (SCI-Expanded)
- XI. **The synergic toxicity of temperature increases and nanopolystyrene on zebrafish brain implies that global warming may worsen the current risk based on plastic debris**
Sulukan E., Baran A., Şenol O., Yıldırım S., Mavi A., Ceyhun H. A., Toraman E., Ceyhun S. B.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.808, 2022 (SCI-Expanded)
- XII. **Cypermethrin, chlorpyrifos, deltamethrin, and imidacloprid exposure up-regulates the mRNA and protein levels of bdnf and c-fos in the brain of adult zebrafish (Danio rerio)**
Özdemir S., ALTUN S., ÖZKARACA M., GHOSI A., TORAMAN E., ARSLAN H.
CHEMOSPHERE, vol.203, pp.318-326, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Alterations in sodium butyrate induced cytotoxicity of MCF7 breast cancer cells treated with**

rosmarinic acid

GHOSIGHAREHAGHAJI A., TORAMAN E., AYSİN F., ŞİMŞEK ÖZEK N., ERDOĞAN O.

7th International Molecular Biology and Biotechnology Congress., 25 - 27 April 2018

II. FUNCTIONAL ANALYSIS OF HUMAN BAX GEN PROMOTER REGION

TORAMAN E., GHOSIGHAREHAGHAJI A., ERDOĞAN O.

ULUSLARARASI BİYOKİMYAKONGRESİ 2017, 19 - 23 September 2017

III. INVESTIGATION OF THE EFFECT OF HUMAN BAXGENE PROMOTER DELETIONS ON GENE EXPRESSION

Ghosigharehaghaji A., Toraman E., Erdoğan O.

ULUSLARARASI BİYOKİMYAKONGRESİ 2017, Erzurum, Turkey, 19 - 23 September 2017

IV. COMPARATIVE EVALUATION OF THE INHIBITORY EFFECT OF SOME ESSENTIAL OILS ON ACETYLCHOLINESTERASE ACTIVITY IN HUMAN LUNG CARCINOMA (A549) CELLS

TORAMAN E., DENİR Y., CEYLAN H., ERDOĞAN O.

I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS, Konya, Turkey, 10 - 12 May 2017, pp.1764

Supported Projects

ADIGÜZEL A., ERDOĞAN O., ÜNVER Y., CEYLAN H., YILDIZ M., KARADAYI G., ANAKÖK Ö. F., YILMAZ A., BALTACI M. Ö.,

AKBULUT S., et al., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümünün

Laboratuvar İmkanlarının ve Akademik Araştırma Potansiyelinin Geliştirilmesi, 2020 - 2022

KARAMAN M., BUDAK H., CEYHUN S. B., TORAMAN E., Project Supported by Higher Education Institutions, Kronik Florür

Uygulanmasının Anksiyete Benzeri Davranış ve Sirkadiyen Saat Üzerine Etkisinin Zebra Balıklarında Araştırılması, 2020 -

2022

ADIGÜZEL A., TUYSUZ E., BALTACI M. Ö., CEYLAN H., ÜNVER Y., ERDOĞAN O., AKBULUT S., ANAKÖK Ö. F., BUDAK H.,

YILDIZ M., et al., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Araştırma

Destek Projesi, 2018 - 2019

ERDOĞAN O., GHOSIGHAREHAGHAJI A., AŞKIN H., CEYLAN H., TORAMAN E., KARAKUŞ A., Project Supported by Higher

Education Institutions, BAZI İNSAN BCL GEN AİLESİ ÜYELERİNE AİT PROMOTER BÖLGELERİNDE OLUŞTURULAN

DELESYONLARIN VE ÇEŞİTLİ İNHİBİTÖRLERİN GEN EKSPRESYONLARI ÜZERİNE OLAN ETKİLERİNİN HÜCRE

KÜLTÜRÜNDE ARAŞTIRILMASI, 2016 - 2018

Scientific Refereeing

TURKISH JOURNAL OF ZOOLOGY, National Scientific Refreed Journal, September 2019

Metrics

Publication: 34

Citation (WoS): 78

Citation (Scopus): 88

H-Index (WoS): 4

H-Index (Scopus): 5

Congress and Symposium Activities

5th International Symposium on Bioinformatics, Audience, İstanbul, Turkey, 2021