

## Lect. PhD GÜZİN EMECEN

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1992 - 1998

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Life Sciences, Molecular Biology and Genetics, Population Biology, Population Genetics, Natural Sciences

### Academic Titles / Tasks

Lecturer PhD, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1992 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Epistasis for head morphology in *Drosophila melanogaster***  
ÖZSOY E. D., YILMAZ M., Patlar B., EMECEN G., Durmaz E., Magwire M. M., Zhou S., Huang W., Anholt R. R. H., Mackay T. F. C.  
G3-GENES GENOMES GENETICS, vol.11, no.10, 2021 (SCI-Expanded)
- II. **Assessment of the antioxidant activity and genotoxicity of the extracts and isolated glycosides with a new flavonoid from *Lotus aegaeus* (Gris.) Boiss**  
Baran M. Y., EMECEN G., Simon A., Tóth G., Kuruuzum-Uz A.  
Industrial Crops and Products, vol.153, 2020 (SCI-Expanded)
- III. **Genetic variation in an isolated population of the newly identified endemic gudgeon *Gobio sakaryaensis* (Osteichthyes: Cyprinidae)**  
EMECEN G., ÖZSOY E. D., YILMAZ M., EKMEKÇİ F. G.  
ZOOLOGY IN THE MIDDLE EAST, vol.61, no.3, pp.236-240, 2015 (SCI-Expanded)
- IV. **Assessment of antimicrobial, insecticidal and genotoxic effects of *Melia azedarach* L. (chinaberry)**

## **naturalized in Anatolia**

Orhan I. E., Guner E., Ozcelik B., Senol F. S., ÇAĞLAR S. S., EMECEN G., Kocak O., Sener B.

INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION, vol.63, no.5, pp.560-565, 2012 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Natural thermal adaptation increases heat shock protein levels and decreases oxidative stress.**  
Oksala N. K. J., EKMEKÇİ F. G., Ozsoy E. D., Kirankaya S., Kokkola T., EMECEN G., Lappalainen J., Kaarniranta K., Atalay M.  
Redox biology, vol.3, pp.25-8, 2014 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **GENOTOXICITY, ANTIOXIDANT ACTIVITY, TOTAL PHENOLIC AND FLAVONOID CONTENTS OF EIGHT RESEDA L. (RESEDACEAE) SPECIES FROM TURKEY**  
ZARE G., ARITULUK Z. C., EMECEN G., ÇILDEN E.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- II. **Genotoxic effect of secondary metabolites from Lotus aegaeus in Drosophila melanogaster**  
EMECEN G., YÜZBAŞIOĞLU M., SIMON A., UZ A.  
International Symposium On Biodiversity And Edible Wild Species (BEWS2017), Antalya, Turkey, 3 - 05 April 2017
- III. **Drosophila melanogaster in rakımsal değişim gösteren doğal populasyonlarında ömür uzunluğu örüntülerinin araştırılması**  
Yılmaz M., ÖNDER B. Ş., EMECEN G., ÖZSOY E. D.  
22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014

## **Supported Projects**

EMECEN G., ALTINÖZLÜ H., Project Supported by Higher Education Institutions, Doğu ve Batı Karadeniz Bölgesi Drosophila Türlerinin Kromozomal Varyasyonu, 2015 - Continues

Uz A., EMECEN G., Yüzbaşıoğlu Baran M., ZARE G., TUBITAK Project, Phytochemical Analysis, Genotoxicity, Antigenotoxicity and Antioxidant Capacity Studies on Echinophora L. Species Growing in Turkey, 2021 - 2023

YURTER H., BORA G., EMECEN G., GÖZÜBÖYÜK M., HAZIR C., Project Supported by Higher Education Institutions, Spinal Müsküler Atrofilili Drosophila Melanogaster Modelinde Rpd3 Proteini ve Histon Asetilasyon Düzeylerinin Araştırılması, 2020 - 2021

Önder B. Ş., Emecen G., TUBITAK Project, Drosophila melanogaster'de kromozom inversiyonlarının mevsimsel fenotipik varyasyonlara etkisi, 2017 - 2019

## **Metrics**

Publication: 8

Citation (WoS): 74

Citation (Scopus): 80

H-Index (WoS): 2

H-Index (Scopus): 3

## **Non Academic Experience**

