

## Asst. Prof. FÜSUN ÖZER

### Personal Information

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### International Researcher IDs

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### Education Information

Post Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2012 - 2014

Doctorate, University of Illinois at Chicago, Arts and Sciences, Department of Biology, United States Of America 2000 - 2010

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1996 - 1999

### Dissertations

Doctorate, Genetic consequences of conservation management of Anacapa Island deer mice and Illinois shiners., University of Illinois at Chicago, 2010

Postgraduate, A preliminary study on genetic differentiation among Turkish brown trout (*Salmo trutta* L.) populations as revealed by RFLP analysis of PCR amplified mitochondrial DNA segments, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 1999

### Research Areas

Social Sciences and Humanities, Life Sciences, Natural Sciences

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

- I. **A genomic snapshot of demographic and cultural dynamism in Upper Mesopotamia during the Neolithic Transition**  
Altınışık N. E., Kazancı D. D., Aydoğan A., Gemici H. C., Erdal Ö. D., Sarıaltun S., Vural K. B., Koptekin D., Gürün K., Sağlıcan E., et al.  
SCIENCE ADVANCES, vol.8, no.44, pp.1-17, 2022 (SCI-Expanded)
- II. **Archaeogenetic analysis of Neolithic sheep from Anatolia suggests a complex demographic history since domestication**  
Yurtman E., Özer O., Yüncü E., Dağtaş N. D., Koptekin D., Çakan Y. G., Özkan M., Akbaba A., Kaptan D., Ataç G., et al.  
COMMUNICATIONS BIOLOGY, vol.4, no.1, 2021 (SCI-Expanded)
- III. **Collaborate equitably in ancient DNA research and beyond**

Somel M., Altınışık N. E., Özer F., Ávila-Arcos M. C.

Nature, vol.600, pp.37, 2021 (SCI-Expanded)

- IV. **Human inbreeding has decreased in time through the Holocene.**  
Ceballos F. C., Gürün K., Altınışık N. E., Gemici H. C., Karamurat C., Koptekin D., Vural K. B., Mapelli I., Sağlıcan E., Sürer E., et al.  
Current biology : CB, vol.31, pp.3925-3943, 2021 (SCI-Expanded)
- V. **Demography of swordfish (*Xiphias gladius* Linneus) populations from the coasts of Turkey, based on mitochondrial DNA and microsatellites**  
Yuncu E., Acan S. C., ONAR V., KARAKULAK F. S., GÖKOĞLU M., Alici T. Z., Chiriboga F., Togan I., Ozer F.  
JOURNAL OF FISH BIOLOGY, vol.99, no.1, pp.37-48, 2021 (SCI-Expanded)
- VI. **Variable kinship patterns in Neolithic Anatolia revealed by ancient genomes**  
Yaka R., Mapelli I., Kaptan D., Doğu A., Chyleński M., Erdal Ö. D., Koptekin D., Vural K. B., Bayliss A., Mazzucato C., et al.  
CURRENT BIOLOGY, vol.31, no.11, pp.2455-2486, 2021 (SCI-Expanded)
- VII. **Y-Chromosome Polymorphisms in 12 Native, Karagul, Karacabey Merino Breeds from Turkey and Anatolian Mouflon (*Ovis gmelinii anatolica*)**  
Parmaksiz A., Oymak A., Yuncu E., Demirci S., KOBAN BAŞTANLAR E., Unal E. O., Togan I., Ozer F.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.24, no.6, pp.821-828, 2018 (SCI-Expanded)
- VIII. **The Demographic Development of the First Farmers in Anatolia**  
Kilinc G. M., Omrak A., Ozer F., Gunther T., BÜYÜKKARAKAYA A. M., Bıçakçı E., Baird D., Donertas H. M., Ghalichi A., Yaka R., et al.  
CURRENT BIOLOGY, vol.26, no.19, pp.2659-2666, 2016 (SCI-Expanded)
- IX. **Growth hormone (GH), prolactin (PRL), and diacylglycerol acyltransferase (DGAT1) gene polymorphisms in Turkish native cattle breeds**  
Unal E. O., Kepenek E. S., Dinc H., Ozer F., Sonmez G., Togan I. Z., Soysal M. I.  
TURKISH JOURNAL OF ZOOLOGY, vol.39, no.5, pp.734-748, 2015 (SCI-Expanded)
- X. **Mitochondrial DNA Diversity of Modern, Ancient and Wild Sheep (*Ovis gmelinii anatolica*) from Turkey: New Insights on the Evolutionary History of Sheep**  
Demirci S., KOBAN BAŞTANLAR E., Dagtas N. D., PİŞKİN E., Engin A., Ozer F., Yuncu E., Dogan S. A., Togan I.  
PLOS ONE, vol.8, no.12, 2013 (SCI-Expanded)
- XI. **Genetic evaluation of remnant and translocated shiners, *Notropis heterodon* and *Notropis heterolepis***  
Ozer F., Ashley M. V.  
JOURNAL OF FISH BIOLOGY, vol.82, no.4, pp.1281-1296, 2013 (SCI-Expanded)
- XII. **Genetic impacts of Anacapa deer mice reintroductions following rat eradication**  
Ozer F., Gellerman H., Ashley M. V.  
MOLECULAR ECOLOGY, vol.20, no.17, pp.3525-3539, 2011 (SCI-Expanded)
- XIII. **Low Genetic Differentiation across Three Major Ocean Populations of the Whale Shark, *Rhincodon typus***  
Schmidt J. V., Schmidt C. L., Ozer F., Ernst R. E., Feldheim K. A., Ashley M. V., Levine M.  
PLOS ONE, vol.4, no.4, 2009 (SCI-Expanded)

## Books & Book Chapters

- I. **From Bones to Genomes: Current Research on the Population History of Prehistoric Anatolia**  
Kazancı D. D., ALTINIŞIK N. E., Aydoğan A., ÖZER F., SÜRER E., ATAKUMAN Ç., SOMEL M., ERDAL Y. S.  
in: The Archaeology of Anatolia, Volume IV: Recent Discoveries (2018–2020), Steadman Sharon R., McMahon Gregory, Editor, Cambridge Scholars Publishing, Cambridge, pp.355-371, 2021
- II. **Ancient genomics in Neolithic Central Anatolia and Çatalhöyük**  
Yaka R., Doğu A., Kaptan D., Dağtaş N. D., Chyleski M., Vural, K. B., ALTINIŞIK N. E., Mapelli I., Koptekin D., Karamurat

C., et al.

in: Peopling the Landscape of Çatalhöyük: Reports from the 2009-2017 Seasons, Hodder, Ian, Editor, British Institute at Ankara, Londrina, pp.395-405, 2021

## Supported Projects

Altınışık N. E., Erdal Y. S., Korkut T., Vural K. B., Kazancı D. D., Özer F., Somel M., TUBITAK Project, Investigation of the Population History of the Roman Era Coastal and Inland Societies in Anatolia from an Archaeogenomics Perspective, 2021 - 2024

Altınışık N. E., Kılınc G. M., Özer F., Erdal Y. S., Somel M., Yet İ., TUBITAK Project, Obezite ve Tip 2 Diyabet ile İlişkili Genetik Yapının Anadolu'da Son 10.000 Yıl İçindeki Değişim Dinamiklerinin Antik DNA ve Popülasyon Genetiği Yaklaşımları ile İncelenmesi , 2021 - 2024

Özer F., Engin A., Bıçakçı E., Gündem C. Y., TUBITAK Project, Anadolu'da At Arkeogenomiği ve Popülasyon Demografileri, 2018 - 2021

## Metrics

Publication: 20

Citation (WoS): 287

Citation (Scopus): 312

H-Index (WoS): 7

H-Index (Scopus): 7

## Congress and Symposium Activities

Congress of The European Society for Evolutionary Biology (ESEB2022), Attendee, Praha, Czech Republic, 2022

Congress of The European Society for Evolutionary Biology , Attendee, Praha, Czech Republic, 2022

Congress of The European Society for Evolutionary Biology (ESEB2022), Attendee, Praha, Czech Republic, 2022