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### Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Biyoloji/Ekoloji, Turkey 1989 - 1993

### Foreign Languages

English, C1 Advanced

### Research Areas

Life Sciences, Environmental Biology, Ecology, Population Biology, Evolution, Natural Sciences

### Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1987 - Continues

### Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2015 - Continues

Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, 2016 - 2017

Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2007 - 2012

### Advising Theses

ERGÜNAY K., ALTEN S. B. , Trakya bölgesinde sivrisinek flavivirüslerinin tespiti ve kısmi genomik karakterizasyonu, Postgraduate, C.ÖNCÜ(Student), 2017

ALTEN S. B. , Türkiye-Suriye sınırında yer alan mülteci kampları çevresinde ve mülteci göç yolları üzerindeki sivrisinek (Diptera:Culicidae) türlerinin tespit edilmesi, Postgraduate, Y.SARIKAYA(Student), 2017

ALTEN S. B. , Adana ilinde sağlık önemi olan kum sineklerinin (Diptera:Psychodidae) zaman-mekansal dinamikleri ve

biyo ekolojileri, Postgraduate, G.OĞUZ(Student), 2015

ALTEN S. B. , Vektör sivrisinek türü *Aedes albopictus* (Diptera: Culicidae)'un yaşam öyküsü karakterleri üzerine çalışmalar, Postgraduate, M.DOĞAN(Student), 2015

ALTEN S. B. , Türkiye sivrisinek faunası üzerine DNA barkodlama yöntemiyle moleküler analizler, Doctorate, F.GÜNAY(Student), 2015

ALTEN S. B. , Türkiye'de yayılım gösteren *Phlebotomus neglectus* Tonnoir, 1921 ve *Phlebotomus syriacus* Adler ve Theodor, 1931 (Diptera: Psychodidae) türlerinin taksonomik durumunun belirlenmesi, Doctorate, Ö.ERİŞÖZ(Student), 2010

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

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- II. **A dynamically structured matrix population model for insect life histories observed under variable environmental conditions**  
Erguler K., Mendel J., Petric D. V. , Petric M., Kavran M., Demirok M. C. , GÜNAY F., Georgiades P., Alten B., Lelieveld J.  
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- III. **The Asian tiger mosquito *Aedes albopictus* (Skuse) in Kosovo: First record**  
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- IV. **Sand fly fauna of South-Eastern Romania, with the description of *Phlebotomus (Transphlebotomus) simonahalepae* n. sp. (Diptera: Psychodidae)**  
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- VIII. **Sand flies (Diptera: Psychodidae) in eight Balkan countries: historical review and region-wide entomological survey**  
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- IX. **Practical management plan for invasive mosquito species in Europe: I. Asian tiger mosquito (*Aedes***

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- XI. **A survey of sand flies (Diptera, Phlebotominae) along recurrent transit routes in Serbia**  
Vaselek S., Dvorak V., Hlavackova K., Ayhan N., Halada P., Oguz G., Ivovic V., ÖZBEL Y., Charrel R. N., Alten B., et al.  
ACTA TROPICA, vol.197, 2019 (SCI-Expanded)
- XII. **Altitudinal variations in wing morphology of Aedes albopictus (Diptera, Culicidae) in Albania, the region where it was first recorded in Europe**  
Prudhomme J., Velo E., Bino S., Kadriaj P., Mersini K., GÜNAY F., Alten B.  
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- XIII. **Towards harmonisation of entomological surveillance in the Mediterranean area**  
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- XIV. **Seasonal dynamics of a population of Phlebotomus (Larrousius) perfiliewi Parrot, 1930 (Diptera: Psychodidae) in North-Eastern Romania**  
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- XV. **Arboviral screening of invasive Aedes species in northeastern Turkey: West Nile virus circulation and detection of insect-only viruses**  
Akiner M. M., Ozturk M., Baser A. B., GÜNAY F., Hacıoglu S., Brinkmann A., Emanet N., Alten B., ÖZKUL A., Nitsche A., et al.  
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- XVI. **Ongoing activity of invasive aedes species in Northern Anatolia: lack of Chikungunya despite West Nile virus circulation**  
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- XVIII. **An update of the Culicoides (Diptera: Ceratopogonidae) checklist for the Balkans**  
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- XIX. **Investigations of Phlebotomus perniciosus sand flies in rural Spain reveal strongly aggregated and gender-specific spatial distributions and advocate use of light-attraction traps**  
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- XXI. **Phlebotomine sand flies (Diptera: Psychodidae) in the Greek Aegean Islands: ecological approaches**  
Tsirigotakis N., Pavlou C., Christodoulou V., Dokianakis E., Kourouniotis C., Alten B., Antoniou M.  
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- XXII. **West Nile virus, Anopheles flavivirus, a novel flavivirus as well as Merida-like rhabdovirus Turkey in field-collected mosquitoes from Thrace and Anatolia**

- Oncu C., Brinkmann A., GÜNAY F., KAR S., Oter K., Sarikaya Y., Nitsche A., Linton Y., Alten B., ERGÜNAY K.  
INFECTION GENETICS AND EVOLUTION, vol.57, pp.36-45, 2018 (SCI-Expanded)
- XXIII. **Isolation and sequencing of Dashli virus, a novel Sicilian-like virus in sandflies from Iran; genetic and phylogenetic evidence for the creation of one novel species within the Phlebotomus genus in the Bunyaviridae family**  
Alkan C., Vaziri V. M., Ayhan N., Badakhshan M., Bichaud L., Rahbarian N., Javadian E., Alten B., de Lamballerie X., Charrel R. N.  
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- XXIV. **Understanding Phlebotomus perniciosus abundance in south-east Spain: assessing the role of environmental and anthropic factors**  
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- XXIX. **Ecology and morphological variations in wings of Phlebotomus ariasi (Diptera: Psychodidae) in the region of Roquedur (Gard, France): a geometric morphometrics approach**  
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- XXX. **Establishment of a satellite rearing facility to support the release of sterile Aedes albopictus males. I. Optimization of mass rearing parameters**  
Dogan M., GÜNAY F., Puggioli A., Balestrino F., Oncu C., Alten B., Bellini R.  
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- XXXI. **Ecology and spatiotemporal dynamics of sandflies in the Mediterranean Languedoc region (Roquedur area, Gard, France)**  
Prudhomme J., Rahola N., Toty C., Cassan C., Roiz D., Vergnes B., Thierry M., Rioux J., Alten B., Sereno D., et al.  
PARASITES & VECTORS, vol.8, 2015 (SCI-Expanded)
- XXXII. **Isolation, Genetic Characterization, and Seroprevalence of Adana Virus, a Novel Phlebotomus Belonging to the Salehabad Virus Complex, in Turkey**  
Alkan C., Alwassouf S., Piorkowski G., Bichaud L., Tezcan S., Dincer E., ERGÜNAY K., ÖZBEL Y., Alten B., de Lamballerie X., et al.  
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- XXXIII. **Barcoding Turkish Culex mosquitoes to facilitate arbovirus vector incrimination studies reveals hidden diversity and new potential vectors**  
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- XXXIV. **New microsatellite markers for multi-scale genetic studies on Phlebotomus ariasi Tonnoir, vector of Leishmania infantum in the Mediterranean area**

- Prudhomme J., Toty C., Kasap O. E. , Rahola N., Vergnes B., Maia C., Campino L., Antoniou M., Jimenez M., Molina R., et al.  
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- XXXV. **Evaluation of the efficacy of Olyset (R) Plus in a village-based cohort study in the Cukurova Plain, Turkey, in an area of hyperendemic cutaneous leishmaniasis**  
 GÜNAY F., Karakus M., Oguz G., Dogan M., Karakaya Y., Ergan G., Kaynas S., Kasap O. E. , ÖZBEL Y., Alten B.  
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- XXXVI. **Influence of Bloodmeal Source on Reproductive Output of the Potential West Nile Vector, Culex theileri (Diptera: Culicidae)**  
 Demirci B., Durmaz E., Alten B.  
 JOURNAL OF MEDICAL ENTOMOLOGY, vol.51, no.6, pp.1312-1316, 2014 (SCI-Expanded)
- XXXVII. **Ongoing Activity of Toscana Virus Genotype A and West Nile Virus Lineage 1 Strains in Turkey: A Clinical and Field Survey**  
 ÖCAL M. T. , ÖRSTEN S., İNKAYA A. Ç. , YETİM E., ACAR N., ALP S., ERİŞÖZ KASAP Ö., GÜNAY F., ARSAVA E. M. , ALTEN B., et al.  
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- XL. **Emergence and co-infections of West Nile virus and Toscana virus in Eastern Thrace, Turkey**  
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- XLI. **Arboviral Surveillance of Field-Collected Mosquitoes Reveals Circulation of West Nile Virus Lineage 1 Strains in Eastern Thrace, Turkey**  
 ERGÜNAY K., GÜNAY F., Oter K., Kasap O. E. , ÖRSTEN S., Akkutay A. Z. , Erdem H., Ozkul A., Alten B.  
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- XLV. **Sand fly (Diptera: Psychodidae) distribution in the endemic and non-endemic foci of visceral leishmaniasis in northwestern Iran**  
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- L. **Risk factors for cutaneous leishmaniasis in Cukurova region, Turkey**  
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- LII. **Seasonal dynamics and altitudinal distributions of sand fly (Diptera: Psychodidae) populations in a cutaneous leishmaniasis endemic area of the Cukurova region of Turkey**  
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## **Supported Projects**

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