

## Assoc. Prof. ASLI ÖZKIRIM

### Personal Information

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### Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2000 - 2006

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 1996 - 2000

Undergraduate, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji, Turkey 1992 - 1996

### Foreign Languages

English, C1 Advanced

### Research Areas

Health Sciences, Veterinary Sciences, Food Hygiene and Technology, Life Sciences, Environmental Biology, Microbial Diversity, Microbiology, Bacteriology, Natural Sciences

### Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2013 - Continues

### Courses

APIS GRUBUNUN MİKROBİYAL VE PARAZİTER HASTALIKLARI, Postgraduate, 2016 - 2017

ARI ÜRÜNLERİNİN MİKROBİYAL ANALİZİ, Postgraduate, 2016 - 2017

GENEL MİKROBİYOLOJİ II, Undergraduate, 2016 - 2017

GENEL MİKROBİYOLOJİ I, Undergraduate, 2016 - 2017

PROBİYOTİKLER, Undergraduate, 2016 - 2017

ÖZEL ÇALIŞMA, Undergraduate, 2016 - 2017

BÖCEKLERDE BAĞIŞIKLIK MEKANİZMALARI, Doctorate, 2016 - 2017

### Advising Theses

ÖZKIRIM A., Bal arısı (*Apis mellifera* L. ; Hymenoptera:Apidae) kolonilerindeki *Varroa destructor* (Acari: Varroidae) mücadelesinde ana arı kafesleme metodunun oksalik asit tedavisi üzerindeki etkisinin araştırılması, Postgraduate, A.KAŞOT(Student), 2016

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **APPLICATION OF HERBAL ESSENTIAL OIL EXTRACT MIXTURE FOR HONEY BEES (APIS MELLIFERA L.) AGAINST NOSEMA CERANAE AND NOSEMA APIS**  
ÖZKIRIM A., Kucukozmen B.  
JOURNAL OF APICULTURAL SCIENCE, vol.65, no.1, pp.163-175, 2021 (Journal Indexed in SCI)
- II. **Chitosan-based gel application on model bees (Apis mellifera L.) for healing bite wounds caused by Varroa destructor**  
ÖZKIRIM A., Kucukozmen B.  
JOURNAL OF APICULTURAL RESEARCH, 2021 (Journal Indexed in SCI)
- III. **COLOSS survey: global impact of COVID-19 on bee research**  
Dall'Olio R., Blacquiere T., Bouga M., Brodschneider R., Carreck N. L., Chantawannakul P., Dietemann V., Kristiansen L. F., Gajda A., Gregorc A., et al.  
JOURNAL OF APICULTURAL RESEARCH, vol.59, no.5, pp.731-734, 2020 (Journal Indexed in SCI)
- IV. **Impact of sterilization process on chemical composition and antimicrobial activity of propolis**  
ÖZKIRIM A., Kucukozmen B., GENÇAY ÇELEMLİ Ö.  
JOURNAL OF APICULTURAL RESEARCH, vol.58, no.5, pp.780-787, 2019 (Journal Indexed in SCI)
- V. **DYNAMICS OF NOSEMA APIS AND NOSEMA CERANAE CO-INFECTION SEASONALLY IN HONEY BEE (APIS MELLIFERA L.) COLONIES**  
ÖZKIRIM A., SCHIESSER A., KESKİN N.  
JOURNAL OF APICULTURAL SCIENCE, vol.63, no.1, pp.41-48, 2019 (Journal Indexed in SCI)
- VI. **Preliminary analysis of loss rates of honey bee colonies during winter 2015/16 from the COLOSS survey**  
BRODSCHNEIDER R., Gray A., VAN DER ZEE R., ADJLANE N., BRUSBARDIS V., CHARRIERE J., CHLEBO R., COFFEY M. F., CRAILSHEIM K., DAHLE B., et al.  
JOURNAL OF APICULTURAL RESEARCH, vol.55, no.5, pp.375-378, 2016 (Journal Indexed in SCI)
- VII. **Evaluation of Cage Designs and Feeding Regimes for Honey Bee (Hymenoptera: Apidae) Laboratory Experiments**  
HUANG S. K., CSAKI T., DOUBLET V., DUSSAUBAT C., EVANS J. D., GAJDA A. M., GREGORC A., HAMILTON M. C., KAMLER M., Lecocq A., et al.  
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.107, no.1, pp.54-62, 2014 (Journal Indexed in SCI)
- VIII. **More Insight into the Chemical Composition of Greek Propolis; Differences and Similarities with Turkish Propolis**  
CELEMLI O. G., HATJINA F., CHARISTOS L., SCHIESSER A., ÖZKIRIM A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.68, pp.429-438, 2013 (Journal Indexed in SCI)
- IX. **Israeli acute paralysis virus (IAPV) in Turkish bees**  
ÖZKIRIM A., SCHIESSER A.  
JOURNAL OF APICULTURAL RESEARCH, vol.52, no.2, 2013 (Journal Indexed in SCI)
- X. **Managed honey bee colony losses in Canada, China, Europe, Israel and Turkey, for the winters of 2008-9 and 2009-10**  
van der Zee R., Pisa L., Andonov S., Brodschneider R., Charriere J., Chlebo R., Coffey M. F., Crailsheim K., Dahle B., Gajda A., et al.  
JOURNAL OF APICULTURAL RESEARCH, vol.51, no.1, pp.91-114, 2012 (Journal Indexed in SCI)
- XI. **Seasonal Microflora, Especially Winter and Spring**  
Ozkirim A.  
HONEY BEE COLONY HEALTH: CHALLENGES AND SUSTAINABLE SOLUTIONS, pp.13-20, 2012 (Journal Indexed in SCI)
- XII. **Preventive and antimicrobial activities of alkoxysilane against the American foulbrood pathogen Paenibacillus larvae in Apis mellifera L.**  
ÖZKIRIM A., YALCINKAYA A.  
JOURNAL OF APICULTURAL RESEARCH, vol.51, no.1, pp.85-90, 2012 (Journal Indexed in SCI)
- XIII. **Evaluation of some essential oils as alternative antibiotics against American foulbrood agent**

### **Paenibacillus larvae on honey bees Apis mellifera L**

ÖZKIRIM A., KESKİN N., Kurkcuoglu M., Baser K. H. C.

JOURNAL OF ESSENTIAL OIL RESEARCH, vol.24, no.5, pp.465-470, 2012 (Journal Indexed in SCI)

#### **XIV. Detection of mutagenic activities of various pesticides in Neurospora crassa**

KESKIN N., Ozkirim A., DIRIL N., OKSUZOGLU E.

BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.70, no.1, pp.22-33, 2003 (Journal Indexed in SCI)

#### **XV. A survey of Nosema apis of honey bees (Apis mellifera L.) producing the famous Anzer honey in Turkey**

Ozkirim A., KESKIN N.

ZEITSCHRIFT FÜR NATURFORSCHUNG C-A JOURNAL OF BIOSCIENCES, vol.56, pp.918-919, 2001 (Journal Indexed in SCI)

### **Articles Published in Other Journals**

#### **I. Ankara da Farklı Sosyoekonomik Düzeye Sahip İki İlköğretim Okulu Öğrencileri Arasında Enterobius vermicularis in Dağılımı**

HAZIR C., HÜLYA G., ÖZKIRIM A., KESKİN N.

Türkiye Parazitoloji Dergisi, vol.33, pp.54-58, 2009 (Refereed Journals of Other Institutions)

#### **II. THE DETERMINATION OF A PARASITE OF HONEY BEE (APIS MELLIFERA L.) "NOSEMA APIS Z." IN HONEY**

ÖZKIRIM A., KESKİN N., SORKUN K.

MELLIFERA, vol.6, pp.2-6, 2006 (Refereed Journals of Other Institutions)

### **Books & Book Chapters**

#### **I. Beekeeping in Turkey: Bridging Asia and Europe**

ÖZKIRIM A.

in: Asian Beekeeping in the 21st Century, CHANTAWANNAKUL P., WILLIAMS G., NEUMANN P., Editor, Springer, New York, pp.41-69, 2018

#### **II. BE PRODUCTS**

ÖZKIRIM A.

in: NO BEES NO LIFE, KOZMUS P., Editor, Cyp, Ljubljana, pp.141-152, 2017

#### **III. SEASONAL MICROFLORA**

ÖZKIRIM A.

in: HONEY BEE COLONY HEALTH, SAMMATARO D., YODER JA., Editor, Taylor And Francis Group, New York, pp.13-21, 2012

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

#### **I. In-vitro Evaluation of Antimicrobial Effect of Turkish Propolis Against Human Fungal Pathogens Candida Albicans and Candida Parapsilopsis**

SCHIESSER A., ŞİMŞEK D., Çelemlı Ö. G. , ALTANLAR N., ÖZKIRIM A.

45. Apimondia Uluslararası Arıcılık Kongresi, 29 September - 04 October 2017

#### **II. Comparative Analysis of Winter Losses of Honey Bee Colonies in Turkey 2016-2017 period with COLOSS Monitoring Data**

ÖZKIRIM A., SCHIESSER A., Kaşot A., Öğüt A., Ulutaş K.

45. Apimondia Uluslararası Arıcılık Kongresi, 29 September - 04 October 2017

- III. **In-vitro Antibacterial Effect of Three Propolis Samples from Turkey on Some Biofilm Forming Bacteria**  
ŞİMŞEK D., SCHIESSER A., Çelemlı Ö. G. , ALTANLAR N., ÖZKIRIM A.  
45. Apimondia Uluslararası Arıcılık Kongresi, 29 September - 04 October 2017
- IV. **Transmission of Nosema spores examined by using cages**  
ÖZKIRIM A., SCHIESSER A.  
44th Apimondia-International Apicultural Congress, Daejeon, South Korea, 15 - 19 September 2015
- V. **In vitro assessment of the antibacterial potential of Rhododendron sp extracts as an alternative remedy for American Foulbrood**  
SCHIESSER A., SEVİN S., BAYDAN E., ÖZKIRIM A.  
44th Apimondia-International Apicultural Congress, Daejeon, South Korea, 15 - 19 September 2015
- VI. **Dynamic of honey bee mid gut during Nosema spp İnfections and after treatment**  
ÖZKIRIM A., SCHIESSER A.  
44th Apimondia-International Apicultural Congress, 15 - 19 September 2015
- VII. **In vitro evaluation of antimicrobial effect of propolis against Paenibacillus larvae genotypes in Turkey**  
AYGÜN S., GENÇAY ÇELEMLİ Ö., ÖZKIRIM A., KESKİN N.  
44th APIMONDIA International Apicultural Congress, Daejeon, South Korea, 15 - 20 September 2015
- VIII. **In vitro evaluation of antimicrobial effect of propolis against Paenibacillus larvae genotypes in Turkey**  
SCHIESSER A., ÖZKIRIM A., Ömür G. Ç. , KESKİN N.  
44th Apimondia-International Apicultural Congress, Daejeon, South Korea, 15 - 19 September 2015
- IX. **Colony Losses in Turkey and New Structure of Turkish Beekeeping**  
ÖZKIRIM A., SCHIESSER A.  
Coloss Monitoring Workshop, Kopenhag, Denmark, 27 - 28 January 2015
- X. **The Contribution of Turkey to the CSI Pollen Project**  
ÖZKIRIM A., Ömür G. Ç. , SCHIESSER A.  
Coloss CSI Pollen Workshop, Kopenhag, Denmark, 25 - 27 January 2015
- XI. **The Role Of Natural And Chemical Disinfectants Using For Hygenic Beekeeping On Microflora And Pathogenic Agents Of Honeybees**  
ÖZKIRIM A., SCHIESSER A.  
9th Coloss Conference, KIEV, Ukraine, 27 - 29 September 2013

## Supported Projects

ÖZKIRIM A., Project Supported by Higher Education Institutions, NCE: Nosema ceranae epidemiyolojisi/nosema ceranae'nin Türkiye'deki arı populasyonlarındaki epidemiyolojisinin araştırılması, 2011 - 2019

ÖZKIRIM A., SCHIESSER A., Project Supported by Higher Education Institutions, Yunan ve Türk Propolislerinin Paenibacillus larvae'ye karşı Aktivitelerinin Karşılaştırılması, 2015 - 2017

ÖZKIRIM A., SCHIESSER A., Project Supported by Higher Education Institutions, Nosema Sporlarının Bulaşıcılığının Kafes Deneyleri Kullanılarak Test Edilmesi, 2015 - 2015

SCHIESSER A., GENÇAY ÇELEMLİ Ö., KESKİN N., ÖZKIRIM A., Project Supported by Higher Education Institutions, Propolisin Türkiyedeki Paenibacillus larvae genotiplerine karşı Etkisinin in vitro olarak incelenmesi, 2015 - 2015

## Citations

Total Citations (WOS):198

h-index (WOS):6