

## Assoc. Prof. ASLI ÖZKÖK

### Personal Information

**Office Phone:** [+90 312 297 7161](tel:+903122977161)

**Fax Phone:** [+90 312 299 2028](tel:+903122992028)

**Email:** [aозkok@hacettepe.edu.tr](mailto:aozkok@hacettepe.edu.tr)

**Web:** <http://yunus.hacettepe.edu.tr/~aозkok/>

**Address:** Hacettepe Üniversitesi Biyoloji Bölümü Arı ve Arı Ürünleri Uygulama ve Araştırma Merkezi (HARÜM) 06800 Beytepe/ANKARA

### Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü/Uygulamalı Biyoloji Anabilim Dalı, Turkey 2003 - 2009

Doctorate, The University Of Queensland, The School Of Land, Crop And Food Sciences, Food Sciences&Technology Group, Australia 2007 - 2007

Postgraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü/Uygulamalı Biyoloji Anabilim Dalı, Turkey 2000 - 2003

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1996 - 2000

### Foreign Languages

English, C1 Advanced

### Research Areas

Life Sciences, Plant Biology, Plant Anatomy, Systematic Botany, Chemistry, Organic Chemistry, Plant Chemistry, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Rektörlük-B, 2000 - Continues

### Courses

Bee and Bee Products, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

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

- I. **A Study on Recognizing the Value of Chestnut (*Castanea sativa*) Blossom Waste**  
Sahin H., KOLAYLI S., KARA Y., Can Z., GÜLER H. İ., ÖZKÖK A., Serdar Ü.  
Tarım Bilimleri Dergisi, vol.30, no.1, pp.79-89, 2024 (SCI-Expanded)
- II. **Palynological, chemical, antimicrobial, and enzyme inhibition properties of *Cannabis sativa* L.**

## **propolis**

ÖZKÖK A., Karlıdağ S., KESKİN M., Bayram S., KESKİN Ş., Karabulut E., Çiçek F., YILMAZ İ.

European Food Research and Technology, vol.249, no.8, pp.2175-2187, 2023 (SCI-Expanded)

- III. **Comparing the melissopalynological and next generation sequencing (NGS) methods for the determining of botanical origin of honey**  
ÖZKÖK A., AKEL BİLGİÇ H., Kosukcu C., Arık G., Canlı D., YET İ., KARAASLAN İ. Ç.  
Food Control, vol.148, 2023 (SCI-Expanded)
- IV. **The phenolic composition, aroma compounds, physicochemical and antimicrobial properties of *Nigella sativa* L. (black cumin) honey**  
KOLAYLI S., Kazaz G., ÖZKÖK A., Keskin M., KARA Y., DEMİR KANBUR E., ERTÜRK Ö.  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.249, no.3, pp.653-664, 2023 (SCI-Expanded)
- V. **Characterization of Turkish pine honey according to their geographical origin based on physicochemical parameters and chemometrics**  
Uçurum H. Ö., Tepe Ş., Yeşil E., Güney F., Karakuş S., KOLAYLI S., Takma Ç., Duru M. E., ÖZKÖK A., Yücel B., et al.  
European Food Research and Technology, vol.249, 2023 (SCI-Expanded)
- VI. **A melissopalynological and chemical characterization of Anatolian propolis and an assessment of its antioxidant potential**  
KOLAYLI S., Birinci C., KARA Y., ÖZKÖK A., Samancı A. E. T., Sahin H., YILDIZ O.  
European Food Research and Technology, vol.249, 2023 (SCI-Expanded)
- VII. **Organic acids and their derivatives: minor components of bee pollen, bee bread, royal jelly and bee venom**  
Celik S., GERÇEK Y. C., ÖZKÖK A., Bayram N. E.  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.248, no.12, pp.3037-3057, 2022 (SCI-Expanded)
- VIII. **Identification of the Main Phenolic Markers in Turkish Pine Honeys and Their Biological Functions**  
ŞAHİN H., ÖZKÖK A., Samancı A. E. T., Onder E. Y., KOLAYLI S.  
CHEMISTRY & BIODIVERSITY, vol.19, no.12, 2022 (SCI-Expanded)
- IX. **Palynomorphological and taxonomical investigations of some Apiaceae taxa from Bilecik, Turkey**  
ÖZKÖK A., SEZER O., KOYUNCU O., POTOĞLU ERKARA İ.  
PALYNOLOGY, vol.46, no.4, pp.1-16, 2022 (SCI-Expanded)
- X. **Bee collected pollen as a value-added product rich in bioactive compounds and unsaturated fatty acids: A comparative study from Turkey and Romania**  
Margaoan R., ÖZKÖK A., KESKİN Ş., Mayda N., Urcan A. C., Cornea-Cipcigan M.  
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.149, 2021 (SCI-Expanded)
- XI. **Evaluation of bioactive compounds and proliferation properties of different royal jelly samples**  
ÖZKÖK A., Akbay E., Samancı A. E. T., Mayda N., ONUR M. A.  
Progress in Nutrition, vol.23, no.1, 2021 (SCI-Expanded)
- XII. **Phenolic and free amino acid profiles of bee bread and bee pollen with the same botanical origin - similarities and differences**  
BAYRAM N. E., Gercek Y. C., Celik S., Mayda N., Kostic A. Z., Dramicanin A. M., ÖZKÖK A.  
ARABIAN JOURNAL OF CHEMISTRY, vol.14, no.3, 2021 (SCI-Expanded)
- XIII. **Determination of antioxidant activity and phenolic compounds for basic standardization of Turkish propolis.**  
Özkök A., Keskin M., Tanuğur Samancı A. E., Yorulmaz Önder E., Takma Ç.  
Applied biological chemistry, vol.64, pp.37, 2021 (SCI-Expanded)
- XIV. **Comparison of biochemical and antimicrobial activities of different honey samples**  
KESKİN Ş., Karlıdağ S., Mayda N., ÖZKÖK A.  
CZECH JOURNAL OF FOOD SCIENCES, vol.39, no.4, pp.273-280, 2021 (SCI-Expanded)
- XV. **Characterization of Propolis Extracts Prepared Using Different Solvents at the Different Concentrations**  
ÖZKÖK A., Keskin M., Samancı A. E. T., Onder E. Y., TAKMA Ç.  
PROGRESS IN NUTRITION, vol.23, no.3, 2021 (SCI-Expanded)

- XVI. **Determination and Comparison of Melissopalynological and some Chemical Characters of raw and Processed honeys**  
Mayda N., Ozkok A.  
PROGRESS IN NUTRITION, vol.23, no.2, 2021 (SCI-Expanded)
- XVII. **Honey: Determination of volatile compounds, antioxidant and antibacterial activities**  
Karlidag S., Keskin M., BAYRAM S., Mayda N., ÖZKÖK A.  
CZECH JOURNAL OF FOOD SCIENCES, vol.39, no.3, pp.208-216, 2021 (SCI-Expanded)
- XVIII. **Turkish royal jelly: amino acid, physicochemical, antioxidant, multi-elemental, antibacterial and fingerprint profiles by analytical techniques combined with chemometrics**  
Ecem Bayram N., ÇEBİ N., Celik S., Gercek Y. C., BAYRAM S., Tanugur Samanci A. E., SAĞDIÇ O., ÖZKÖK A.  
JOURNAL OF APICULTURAL RESEARCH, vol.60, pp.751-764, 2021 (SCI-Expanded)
- XIX. **Bee bread and bee pollen of different plant sources: determination of phenolic content, antioxidant activity, fatty acid and element profiles**  
Mayda N., ÖZKÖK A., Ecem Bayram N., Gercek Y. C., SORKUN K.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.14, no.4, pp.1795-1809, 2020 (SCI-Expanded)
- XX. **Effects of drying techniques on chemical composition and volatile constituents of bee pollen**  
Keskin M., ÖZKÖK A.  
CZECH JOURNAL OF FOOD SCIENCES, vol.38, no.4, pp.203-208, 2020 (SCI-Expanded)
- XXI. **THE ORIGIN OF THE OAK HONEYDEW HONEY PRODUCED FROM QUERCUS FRAINETTO TEN**  
ÖZKÖK A., Ipek A., Sorkun K.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.4, pp.2650-2655, 2019 (SCI-Expanded)
- XXII. **DETERMINATION OF ANTIOXIDANT CAPACITIES, CHEMICAL COMPOSITION AND MELISSOPALYNOLOGICAL CHARACTERIZATION OF VERBASCUM SPP. AND EUPHORBIA SPP. HONEYS**  
Ozkok A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.4, pp.2644-2649, 2019 (SCI-Expanded)
- XXIII. **DIOXIN ANALYSIS OF BEE POLLEN PELLETS COLLECTED BY APIS MELLIFERA L. IN RURAL AREA OF TURKEY**  
ÖZKÖK A., Cakirogullari G. C., Sorkun K., Yagli H. G., Alsan I., Bektas B., Kilic D.  
JOURNAL OF APICULTURAL SCIENCE, vol.62, no.1, pp.79-88, 2018 (SCI-Expanded)
- XXIV. **CLASSIFICATION OF TURKISH HONEY BY H-1 NMR SPECTROSCOPY AND CHEMOMETRICS**  
ÖZKÖK A., ÖZENİRLER Ç., Sorkun K.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.8328-8339, 2018 (SCI-Expanded)
- XXV. **CHARACTERISTIC FEATURES OF OAK (QUERCUS FRAINETTO TEN.) HONEY FROM TURKEY**  
ÖZKÖK A., Sorkun K.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.8359-8366, 2018 (SCI-Expanded)
- XXVI. **Antibacterial activity of bee propolis samples from different geographical regions of Turkey against two foodborne pathogens, Salmonella Enteritidis and Listeria monocytogenes**  
Temiz A., Sener A., Tuylu A., SORKUN K., SALİH B.  
TURKISH JOURNAL OF BIOLOGY, vol.35, no.4, pp.503-511, 2011 (SCI-Expanded)
- XXVII. **In vitro antimicrobial activity of propolis samples from different geographical origins against certain oral pathogens**  
KORU O., TOKSOY F., ACIKE C. H., TUNCA Y. M., BAYSALLAR M., GUCLU A. U., AKCA E., Ozkok A. T., Sorkun K., TANYUKSEL M., et al.  
ANAEROBE, vol.13, pp.140-145, 2007 (SCI-Expanded)
- XXVIII. **The effect of Trifolium, Raphanus, and Cistus pollen grains on some blood parameters and mesentery mast cells**  
Kolankaya D., Senturk H., Tuylu A., Hayretdag S., Selmanoglu G., Sorkun K.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.61, pp.421-426, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **DISCOVERING THE CHEMICAL FACTORS BEHIND REGIONAL ROYAL JELLY DIFFERENCES VIA MACHINE LEARNING Makine Öğrenimi Yoluyla Bölgesel Arı Sütü Farklarının Arkasındaki Kimyasal Faktörleri Keşfetmek**  
ÖZKÖK A., KESKİN M., Tanuğur Samancı A. E., Yorulmaz Önder E., SİLAHTAROĞLU G.  
Uludag Arıcılık Dergisi, vol.23, no.1, pp.49-60, 2023 (Scopus)
- II. **HIGHLIGHTING THE MELISSOPALYNOLOGICAL AND PHYSICOCHEMICAL CHARACTERISTICS OF AYDER-RİZE (TURKEY)**  
Gençay Çelemlı Ö., Özkök A., Özenirler Ç., Mayda N., Zare G., Sorkun K.  
Communications Faculty of Sciences University of Ankara Series C Biology, vol.30, no.2, pp.119-133, 2021 (Peer-Reviewed Journal)
- III. **Biochemical Characterization of Natural and Fermented Pollen**  
Karlidağ S., Keskin M., Keskin Ş., Özkök A., Karabulut E., Akyol A., Yılmaz I.  
İnönü Üniversitesi Sağlık Hizmetleri Meslek Yüksekokulu Dergisi, vol.9, no.3, pp.1094-1104, 2021 (Peer-Reviewed Journal)
- IV. **Tunceli ballarının coğrafi işaret çalışması**  
Özkök A., Gençay Çelemlı Ö., Zare G., Özenirler Ç., Mayda N., Sorkun K.  
Uludağ Arıcılık Dergisi, vol.21, no.1, pp.39-53, 2021 (Scopus)
- V. **Confirmation of botanical origin and total pollen numbers of chestnut (Castanea sativa) honey samples Kestane (Castanea sativa) balı örneklerinin botanik orijinlerinin doğrulanması ve toplam polen sayıları**  
ÖZKÖK A., Ecem Bayram N.  
Uludag Arıcılık Dergisi, vol.20, no.2, pp.54-65, 2021 (Scopus)
- VI. **Total Bioactive Compounds and Antimicrobial Capacities of Bee Pollen with Different Botanical Origins**  
ÖZKÖK A., Kuru O., Bedir O., Cetinkaya S., GENÇAY ÇELEMLİ Ö., ÖZENİRLER Ç., MAYDA N., SORKUN K.  
BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY, vol.78, no.1, pp.57-67, 2021 (ESCI)
- VII. **Characteristic Properties of Jerusalem Thorn (Paliurus spina-christi Mill.) Honey**  
Malkoç M., Kara Y., Özkök A., Ertürk Ö., Kolaylı S.  
Uludag Bee Journal, vol.19, no.1, pp.69-81, 2019 (Scopus)
- VIII. **An overview of beekeeping activity in Turkey from a legal perspective TÜRKİYE'DEKİ ARICILIK FAALİYETİNE HUKUKİ PERSPEKTİFTEN BAKIS**  
Doğan I., ÖZKÖK A.  
Uludag Arıcılık Dergisi, vol.19, no.2, pp.177-187, 2019 (Scopus)
- IX. **Determination of botanic origins, total phenolic and flavonoid contents of bee pollen collected from the bilecik province BILECIK İLİNDEN TOPLANAN ARI POLENLERİNİN BOTANİK ORIJINLERİ İLE TOPLAM FENOLİK VE FLAVONOID İÇERİKLERİNİN BELİRLENMESİ**  
Mayda N., Keskin M., Keskin S., ÖZKÖK A.  
Uludag Arıcılık Dergisi, vol.19, no.2, pp.152-160, 2019 (Scopus)
- X. **Melissopalynological analysis of honey samples collected from sirnak city Sirnak İli'nden Toplanan Balların Melissopalinojistik Analizleri**  
GÜRBÜZ S., GENÇAY ÇELEMLİ Ö., ÖZENİRLER Ç., MAYDA N., ÖZKÖK A., SORKUN K.  
Uludag Arıcılık Dergisi, vol.19, no.2, pp.126-135, 2019 (Scopus)
- XI. **CHEMOMETRIC EVALUATION OF THE GEOGRAPHICAL ORIGIN OF TURKISH PINE HONEY**  
ÖZKÖK A., YÜKSEL D., SORKUN K.  
FOOD and HEALTH, vol.4, pp.274-282, 2018 (Peer-Reviewed Journal)
- XII. **Monofloral Features of Turkish Honeys According to Melissopalynologic, Total Phenolic and Total Flavonoid Content**  
ÖZKÖK A., ÖZENİRLER Ç., Canlı D., Mayda N., Sorkun K.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.3, pp.713-723, 2018 (ESCI)

- XIII. **Evaluating honey bee products as an indicator of managed pollination studies: a case study about allium cepa l.**  
ÖZENİRLER Ç., MAYDA N., GENÇAY ÇELEMLİ Ö., ÖZKÖK A., SORKUN K.  
Communications/ Faculty of Sciences University of Ankara Series C: Biology and Geological Engineering and Geophysical Engineering, vol.27, no.2, pp.115-119, 2018 (Peer-Reviewed Journal)
- XIV. **Encountered Pollen in Nests Two Osmia Species (Hym.:Megachilidae) from Sweet Cherry Orchards in Sultandağı Town (Afyonkarahisar, Turkey)**  
Güler Y., ÖZKÖK A.  
HACETTEPE JOURNAL OF BIOLOGY AND CHEMISTRY, vol.44, no.1, pp.15-19, 2016 (Peer-Reviewed Journal)
- XV. **Sugar Analysis of Pine Honey from Muğla Region using HPLC**  
ÖZKÖK A., SORKUN K., Darcy B.  
Mellifera, vol.14, pp.27-32, 2014 (Peer-Reviewed Journal)
- XVI. **Total Phenolic Acid and Total Flavonoid Content of Turkish Pine Honeydew Honey.**  
ÖZKÖK A., Darcy B., SORKUN K.  
Journal of ApiProduct and ApiMedical Science, vol.2, no.2, pp.65-71, 2010 (Peer-Reviewed Journal)
- XVII. **Two Different Methods Used In Distinguishing Pine Honey From Floral Honey**  
ÖZKÖK A., ÇINGİ H.  
Mellifera, vol.10, no.20, pp.14-23, 2010 (Peer-Reviewed Journal)
- XVIII. **The Effect of Pollen on Some Reproductive Parameters of Male Rats**  
SELMANOĞLU G., Hayretdağ S., KOLANKAYA D., ÖZKÖK A., SORKUN K.  
Pesticidi i Fitomedicina(Pestic. Phytomed.(Belgrade), vol.24, pp.59-63, 2009 (Peer-Reviewed Journal)
- XIX. **Ex Vivo Effects of Turkish Propolis Extracts on Erythrocyte Superoxide dismutase and Catalase Activities**  
Baydar T., Girgin G., Özkök A., Sorkun K., Salih B., Şahin G.  
Mellifera, vol.8, no.15, pp.19-25, 2008 (Peer-Reviewed Journal)
- XX. **Organoleptic Analysis of Pine Honeys Produce in Muğla**  
ÖZKÖK A., SORKUN K.  
Mellifera, vol.8, no.16, pp.2-7, 2008 (Peer-Reviewed Journal)
- XXI. **The Investigation of Morphologic Analysis of Pollen Grains Which are Economically Important and Collected by Apis Mellifera L.**  
ÖZKÖK A., SORKUN K.  
HACETTEPE JOURNAL OF BIOLOGY AND CHEMISTRY, vol.35, no.1, pp.31-38, 2007 (Peer-Reviewed Journal)
- XXII. **The Effect of Pollen on Serum Parametres, and Liver and Kidney Tissues of Rats.**  
SELMANOĞLU G., Hayretdağ S., KOLANKAYA D., ÖZKÖK A., SORKUN K.  
Pesticidi i Fitomedicina(Pestic. Phytomed.(Belgrade), vol.22, pp.59-64, 2007 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Türkiye’de Hızla Büyüyen Sektör: Arı Ürünlerine Genel Bir Bakış**  
Özkök A. (Editor)  
Palme Yayın Dağıtım, Ankara, 2018

## Supported Projects

Özkök A., Karlıdağ S., Keskin M., Keskin Ş., TUBITAK Project, Kenevir Bitkisinin Varroa Paraziti Üzerine Etkisi Ve Kenevir Propolisi Karakterizasyonu, 2021 - 2022  
Özenirler Ç., Gençay Çelemlı Ö., Zare G., Özkök A., Mayda N., Sorkun K., Association (NGO), TUNCELİ BALLARININ MELLİSSOPALİNOOJİK VE KİMYASAL ÖZELLİKLERİ, 2018 - 2019

Özenirler Ç., Gençay Çelemlı Ö., Özkök A., Zare G., Mayda N., Sorkun K., Association (NGO), AYDER/RİZE BALLARININ COĞRAFİ İŞARETLENMESİ, 2018 - 2019

SORKUN K., Mayda N., ÖZKÖK A., Project Supported by Higher Education Institutions, Polen ve Arı Ekmeğinin Melissopalinojik Kimyasal ve Antioksidan Kapasitelerinin Belirlenmesi, 2018 - 2019

ÖZKÖK A., KARAASLAN İ. Ç., AKEL H., Canlı D., Project Supported by Higher Education Institutions, Bal Analizinde Yeni Nesil DNA Analizi Metodunun Kullanımı ve Validasyonu, 2016 - 2019

Ipek A., Sorkun K., Ülgentürk S., Salih B., Özkırım A., Demirci F., Özkök A., Gençay Çelemlı Ö., Özenirler Ç., Atakay M., Project Supported by Other Official Institutions, GÖKNAR, LADİN, MEŞE VE SEDİR SALGI BALLARININ ORJİNİ VE KARAKTERİZASYONU, 2017 - 2018

GENÇAY ÇELEMLİ Ö., SORKUN K., ÖZKÖK A., ÖZENİRLER Ç., MAYDA N., Project Supported by Higher Education Institutions, Arı Ürünlerinden Polen ve Propolisin Total Fenolik Miktarının Saptanması, 2016 - 2017

ÖZKÖK A., Project Supported by Higher Education Institutions, Bal Arıları Tarafından Toplanan Haşhaş Papaver somniferum L Polenlerinin Morfolojisi ve Bal Arılarının Haşhaş Çiçeklerine Eğilimi, 2016 - 2017

ÖZKÖK A., SORKUN K., ÇELİK ÇAKIROĞULLARI G., KILIÇ D., ALSAN İ., YAĞLI H., BEKTAŞ B., Project Supported by Higher Education Institutions, APIS MELLIFERA L TARAFINDAN TOPLANAN ARI POLENLERİNDE DİOKSİN ANALİZİ, 2016 - 2016

ÖZKÖK A., KARAASLAN İ. Ç., AKEL H., Project Supported by Higher Education Institutions, Balda DNA İzolasyonu ile Bitkisel Orijin Belirleme, 2015 - 2016

## Activities in Scientific Journals

Hacettepe Journal of Biology and Chemistry, Assistant Editor/Section Editor, 2017 - Continues

## Memberships / Tasks in Scientific Organizations

ISO/TC 34/SC 19/WG1 HONEY STANDARDIZATION COMMITTEE, Member of Science Committee, 2021 - Continues, Turkey

ISO/TC 34/SC 19/WG 4 ROYAL JELLY STANDARDIZATION COMMITTEE, Member of Science Committee, 2021 - Continues, Turkey

Food and Agriculture Organization (FAO), Member of Science Committee, 2020 - Continues, Turkey

ISO/TC 34/SC 19/WG 3 POLLEN STANDARDIZATION COMMITTEE, Member of Science Committee, 2020 - Continues, Turkey

ISO/TC 34/SC 19/WG 2 PROPOLIS STANDARDIZATION COMMITTEE, Member of Science Committee, 2019 - Continues, Turkey

## Metrics

Publication: 55  
Citation (WoS): 93  
Citation (Scopus): 92  
H-Index (WoS): 2  
H-Index (Scopus): 2

## Congress and Symposium Activities

1st International Apitherapy Congress, "Authenticity, Bioactivity and Safety of Bee Products", Oral presentation, Attendee, İstanbul, Turkey, 2021

5th International Congress on Environmental Research and Technology (ICERAT), "Heavy Metals in Bee Products", Oral

presentation, Attendee, Sarajevo, Bosnia And Herzegovina, 2019

5th International Congress on Environmental Research and Technology (ICERAT), "Evaluation of Heavy Metal Content in Bee Pollen and Bee Bread", Oral presentation, Attendee, Sarajevo, Bosnia And Herzegovina, 2019

5th International Eurasian Congress on Natural Nutrition, Healthy Life and Sport, "The Study of Ayder/Rize Honey's Geographical Marking", Oral presentation, Attendee, Ankara, Turkey, 2019

International Symposium on Bee Products, "Evaluation of Bioactive Compounds and Proliferation Properties of Different Royal Jelly Samples", Oral presentation, Attendee, Sliema, Malta, 2019

International Symposium on Bee Products, "The Effects of Turkish and Chinese Royal Jelly on Adipose Derived Mesenchymal Stem Cell", Oral presentation, Attendee, Sliema, Malta, 2019

International Symposium on Bee Products, "Determination Plant Origin of Bee Bread Samples with Melissopalynology", Oral presentation, Attendee, Sliema, Malta, 2019

4th International Congress on Environmental Researches and Technology (ICERAT), "Pollen and Mineral Contents of Royal Jelly Samples from Different Geographical Origins-Domestic and Imported", Oral presentation, Attendee, Athens, Greece, 2018

4th International Congress on Environmental Researches and Technology (ICERAT), "Nectar Plant Biodiversity of Ayder Plateau and Environmental Problems", Oral presentation, Attendee, Athens, Greece, 2018

4th International Congress on Environmental Researches and Technology (ICERAT), "Melissopalynology, Biodiversity and Honey Quality; a Case Study from Turkey: Şırnak Honey's", Oral presentation, Attendee, Athens, Greece, 2018

6th International Muğla Beekeeping and Pine Honey Congress, "Comparison of Scanning Electron Microscopy of Bee Pollen and Bee Bread Samples and Comparison of Their Results", Oral presentation, Attendee, Muğla, Turkey, 2018

6th International Muğla Beekeeping and Pine Honey Congress, "What can be the source of the oak honey?", Oral presentation, Attendee, Muğla, Turkey, 2018

6th International Muğla Beekeeping and Pine Honey Congress, "Grouping Physical, Chemical, and Mineral Properties of Pine Honey by Using Principal Component Analysis", Oral presentation, Attendee, Muğla, Turkey, 2018

2nd Aerobiology and Palynology Symposium, "Evaluating Honey Bee Products as an Indicator of Managed Pollination Studies: A Case Study about *Allium cepa*", Oral presentation, Attendee, Muğla, Turkey, 2018

Uluslararası Avrasya Doğal Beslenme ve Sağlıklı Yaşam Zirvesi, "Total Phenolic and Total Flavonoid Contents and Plant Spectrum of Bee Pollens' which are Collected Different Regions of Turkey", Oral presentation, Attendee, Ankara, Turkey, 2018

45th Apimondia International Apicultural Congress, "The First Application of NMR Spectroscopy in Differentiation of Turkish Honey's", Poster presentation, Attendee, İstanbul, Turkey, 2017

45th Apimondia International Apicultural Congress, "Determining Plant Origin in the Honey with DNA Based Methods", Oral presentation, Attendee, İstanbul, Turkey, 2017

45th Apimondia International Apicultural Congress, "The Pollen Spectrum of Some Monofloral Honey's from Turkey", Oral presentation, Attendee, İstanbul, Turkey, 2017

45th Apimondia International Apicultural Congress, "Two New Monofloral Honey Types from Turkey", Poster presentation, Attendee, İstanbul, Turkey, 2017

International Honey Commission Congress 2017, "A rapid differentiation of Turkish honey's using NMR spectroscopy", Oral presentation, Attendee, Antalya, Turkey, 2017

1st International Congress on Medicinal and Aromatic Plants, "Antioxidant Capacity, Chemical Composition and Melissopalynological Characterization of Chestnut and Rhododendron Honey's in Turkey", Poster presentation, Attendee, Konya, Turkey, 2017

3. Aerobioloji, Palinoloji ve Alerjik Hastalıklarda Son Yenilikler Sempozyumu (APAS 2016), "Dioxin Analysis Of Bee Pollen Pellets Collected By *Apis Mellifera L.*", Oral presentation, Attendee, Kastamonu, Turkey, 2016

5th International Muğla Beekeeping and Pine Honey Congress, "The Effect of Geographical Differences on Mineral Composition of the Turkish Pine Honey", Poster presentation, Attendee, Muğla, Turkey, 2016

2nd International Researchers, Statist Congress (IRSYSC 2016) Program, "Honey Sampling Method for Geographic Marking Studies", Oral presentation, Attendee, Ankara, Turkey, 2016

44th Apimondia, International Beekeeping Congress, "Microscopic and Microbiological Analysis of Thyme Honey in Turkey", Oral presentation, Attendee, Daegu, South Korea, 2015

From Hive To Table 2015 (FHTT 2015) International Congress on Safety and Authenticity of Bee Products, "The

Microscopic and GC-MS Analysis of Pine Honey, Which are Produced in Muğla Region in Turkey", Oral presentation, Attendee, İstanbul, Turkey, 2015

4.Uluslararası Muğla Arıcılık ve Çam Balı Kongresi eşzamanlı olarak 20.Apislavia Kongresi, "Muğla Bölgesi'nde Üretilen Çam Ballarının HPLC ile Şeker Analizi", Poster presentation, Attendee, Muğla, Turkey, 2014

12th Asian Apicultural Association Conference, "Pollen Preference Of Two Osmia Species From Sweet Cherry Orchards In Sultandağı Town (Afyonkarahisar, Turkey)", Oral presentation, Attendee, Antalya, Turkey, 2014

Apimondia 41st congress, , GC-MS Analysis of Turkish Honeydew Honeys Production of Marchalina hellenica on Pinus brutia, Poster presentation, Attendee, Montpellier, France, 2009

1. Uluslar arası Arıcılık ve Çam Balı Kongresi, "Muğla Bölgesi'nde Üretilen Çam Balının Mikroskobik, Organoleptik ve Kimyasal Analizi", Oral presentation, Attendee, Muğla, Turkey, 2008

Apimedica & Apiquality 2nd International Forum, "Total Phenolic Acid and Total Flavanoid Contents of Turkish Honeydew Honeys Production of Marchalina hellenica on Pinus brutia", Oral presentation, Attendee, Rome, Italy, 2008

International Workshop on chesnut management in mediterranean countries: problems and prospects, "Polen and Propolis: Miracle Products Transferred from Chestnut Tree to Beehive", Oral presentation, Attendee, Bursa, Turkey, 2007

44th Congress of the European Societies of Toxicology, "The effect of pollen on some reproductive parameters of male rats", Oral presentation, Attendee, Amsterdam, Netherlands, 2007

40th Apimondia, International Beekeeping Congress, "Investigation of Mineral Content of Economically Important Pollen Grains Collected by Apis mellifera L.", Poster Presentation, Attendee, Melbourne, Australia, 2007

IBRA International Conference on Recent Trends in Apicultural Science, "Chemical analysis of exudate of some important propolis plants buds by GC-MS", Oral presentation, Attendee, Mikkeli, Finland, 2007

Eurotox 2006/6 CTDC Congress, "Effect of various propolis on erythrocyte superoxide dismutase and catalase activities:A preliminary study", Oral presentation, Attendee, Dubrovnik, Croatia, 2006

Eurotox 2006/6 CTDC Congress, "The effect of pollen on serum parameters of rats", Oral presentation, Attendee, Dubrovnik, Croatia, 2006

## Invited Talks

Bölgesel Kalkınma Ekseninde Kestane, Workshop, Bartın University, Turkey, January 2022

Çam Balı Çalıştayı, Workshop, Tarım ve Orman Bakanlığı, Turkey, December 2021

5th National propolis work conference, "Anatolian Propolis&Health Benefits and Scientific Studies", Conference, 5th National propolis work conference, China, November 2021

Kastamonu'da Arıcılık ve Arı Ürünleri Çalıştayı, "Arı Ürünleri ve Biyoaktif Etkileri", Workshop, Kastamonu University, Turkey, November 2021

International Online Symposium on Global Trends in Beekeeping Program, "The Importance of Palynology in the Analyze of Bee Products", Conference, International Online Symposium on Global Trends in Beekeeping Program, Russia, September 2021

Kovandan Sofraya Arıcılık ve Arı Ürünleri Sempozyumu, "Anadolu Arı Sütünün Farkı ve Güncel Çalışmalar", Seminar, Kovandan Sofraya Arıcılık ve Arı Ürünleri Sempozyumu, Turkey, November 2020

Bal Üretim Alanları Genel Durum Değerlendirmesi, "Polinasyon için Bal Arılarının Önemi", Seminar, Bal Üretim Alanları Genel Durum Değerlendirmesi, T.C. Tarım ve Orman Bakanlığı ve Türkiye Arı Yetiştiricileri Merkez Birliği(TAB) , Turkey, November 2020

19th International Conference Life Sciences for Sustainable Development, "Bee Products and Their Biological Effects", Conference, 19th International Conference Life Sciences for Sustainable Development, Romania, September 2020

Sanayi ve Teknoloji Bakanlığı GAP Bölge Kalkınma İdaresi Başkanlığı, "GAP Bölgesi'nde Arıcılığın Genel Durumu, Sorunları ve Çözüm Önerileri", Conference, Sanayi ve Teknoloji Bakanlığı GAP Bölge Kalkınma İdaresi Başkanlığı, Turkey, December 2019

4th International Congress on Environmental Researches and Technology (ICERAT), "Authenticity of Honey and Other Honey Bee Products", Conference, 4th International Congress on Environmental Researches and Technology (ICERAT), Greece, November 2018



2. Geleneksel Tıp Uygulamalarında Kalite ve Standardizasyon Çalıştayı, Workshop, Duzce University, Turkey, October 2018

World Congress on Antibiotics, "Bee Products and Their Biological Effects", Conference, World Congress on Antibiotics, Italy, August 2018

Arı Kovanından Gelen Sağlık, Seminar, Bayburt University, Turkey, May 2018

World Halal Summit, "Safe Production of Bee Products and Importance", Conference, World Halal Summit, Turkey, December 2017

Arıcılıkta İyi Tarım Uygulamaları Çalıştayı, "Arıcı Ürünlerinde Katkı, Tağşiş ve Orijin Belirleme", Workshop, Arıcılıkta İyi Tarım Uygulamaları Çalıştayı, Muğla İl Gıda Tarım ve Hayvancılık Müdürlüğü, Turkey, December 2017

Atılım Üniversitesi EUT481 Tasarımcı ve Endüstri Dersi kapsamında sözlü anlatım, "Arı Ürünleri", Seminar, Atılım University, Turkey, November 2017

Ormanlarımız ve Arıcılık, Workshop, Orman Genel Müdürlüğü, Turkey, December 2015

IPARD Uygulamaları Değerlendirme Toplantısı Arıcılık Sektörü, Workshop, Tarım ve Kırsal Kalkınmayı Destekleme Kurumu (TKDK), Turkey, December 2015

Arıcılığın İnkişafına Dair Azerbaycan Türkiye Elmi-Tadqiqat Emekdaşlığı Toplantısı II, "Arı Ürünleri", Seminar, Arıcılığın İnkişafına Dair Azerbaycan Türkiye Elmi-Tadqiqat Emekdaşlığı Toplantısı-II, Azerbaijan, June 2015

Arıcılık ve Arı Ürünleri Ar-Ge Proje Pazarı, Workshop, Duzce University, Turkey, October 2014

2014 Yılı Hayvansal Gıda ve Yem Araştırmaları Program Değerlendirme Toplantısı, Workshop, Tarım ve Orman Bakanlığı, Turkey, March 2014

## **Scholarships**

Yurt Dışı Bütünleştirilmiş Doktora Burs Programı (BDP), TUBITAK, 2007 - 2007

## **Awards**

Özkök A., Hacettepe Üniversitesi 1999-2000 Biyoloji Bölümü 1. İhsan Doğramacı Üstün Başarı Ödülü, Hacettepe Üniversitesi, June 2000

Özkök A., Hacettepe Üniversitesi Fen Fakültesi 1999-2000 Fakülte 1. Öğrenci Başarı Ödülü, Hacettepe Üniversitesi, June 2000