

## **Assoc. Prof. HİLAL ÖZKILINÇ**

### **Personal Information**

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### **International Researcher IDs**

ORCID: 0000-0003-0791-975X

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### **Education Information**

Post Doctorate, Washington State University, College Of Agricultural, Human, And Natural Resource Sciences, Department Of Plant Pathology, United States Of America 2010 - 2012

Doctorate, Gaziantep University, Institute Of Science, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, Turkey 2006 - 2010

Postgraduate, Gaziantep University, Institute Of Science, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, Turkey 2004 - 2006

Undergraduate, Gaziantep University, Faculty Of Arts And Sciences, Biyoloji, Turkey 2000 - 2004

### **Foreign Languages**

English, C1 Advanced

### **Certificates, Courses and Trainings**

Education Management and Planning, Evolution of Infectious Diseases Workshop, Colorado State University, 2011

Education Management and Planning, Genome Assembly / Special Training, The University of Arizona, 2011

Education Management and Planning, The use of Molecular Tools in Studying Host-Pathogen Interactions, International Centre for Genetic Engineering and Biotechnology, 2007

Education Management and Planning, Practical Bioinformatics Workshop, Harran and Cornell Universities, 2006

Education Management and Planning, Course of DNA Markers and Applications in Plant Breeding, Çukurova Üniversitesi, 2006

### **Dissertations**

Doctorate, Yabani ve kültüre alınan Cicer spp.'de Ascochyta Yanıklık etmeni Didymella rabiei (Anamorf: Ascochyta rabiei)'nin genetik, ekolojik ve patojenik açıdan popülasyon analizleri, Gaziantep University, Fen Bilimleri Enstitüsü, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, 2010

Postgraduate, Nohut antraknozu etmeni ascochyta rabiei (pass.) labr. izolatlarının moleküler karakterizasyonları, Gaziantep University, Fen Bilimleri Enstitüsü, Biyoloji A.B.D./Moleküler Biyoloji Bilim Dalı, 2006

## **Research Areas**

Life Sciences, Population Biology, Evolution, Population Genetics, Natural Sciences

## **Academic Titles / Tasks**

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2020 - Continues  
Assistant Professor, Canakkale Onsekiz Mart University, Moleküler Biyoloji Ve Genetik Bölümü, 2018 - 2020  
Assistant Professor, Canakkale Onsekiz Mart University, Moleküler Biyoloji Ve Genetik Bölümü, 2011 - 2018  
Other, Washington State University, College Of Agricultural, Human, And Natural Resource Sciences, Department Of Plant Pathology, 2010 - 2012

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

- I. **MicroRNA cross-talk between *Monilinia* fungal pathogens and peach host**  
Arslan K., Özkılınç H.  
PHYTOPARASITICA, vol.52, no.29, pp.1-16, 2024 (SCI-Expanded)
- II. **A case study of the effect of temperature on aggressiveness in the *Monilinia-peach* pathosystem**  
Fidanoğlu B. T., MESTAV B., ÖZKILINÇ H.  
European Journal of Plant Pathology, vol.167, no.1, pp.1-10, 2023 (SCI-Expanded)
- III. **Genome-Wide Discovery of Structural Variants Reveals Distinct Variant Dynamics for Two Closely Related *Monilinia* Species**  
Durak M. R., Özkılınç H.  
GENOME BIOLOGY AND EVOLUTION, vol.15, no.6, pp.1-11, 2023 (SCI-Expanded)
- IV. **Phylogenetic divergences in brown rot fungal pathogens of *Monilinia* species from a worldwide collection: inferences based on the nuclear versus mitochondrial genes**  
Silan E., Ozkilinc H.  
BMC ECOLOGY AND EVOLUTION, vol.22, no.119, pp.1-12, 2022 (SCI-Expanded)
- V. **Genetic diversity assessments of brown rot pathogen *Monilinia fructicola* based on the six simple sequence repeat loci**  
GÜVEN H., Everhart S. E., De Miccolis Angelini R. M., ÖZKILINÇ H.  
JOURNAL OF PLANT DISEASES AND PROTECTION, vol.128, no.6, pp.1459-1465, 2021 (SCI-Expanded)
- VI. **A novel approach for in vitro fungicide screening and the sensitivity of *Monilinia* populations from peach orchards in Turkey to respiratory inhibitor fungicides**  
Durak M. R., Arslan K., Silan E., Yıldız G., ÖZKILINÇ H.  
CROP PROTECTION, vol.147, 2021 (SCI-Expanded)
- VII. **Pan-Mitogenomics Approach Discovers Diversity and Dynamism in the Prominent Brown Rot Fungal Pathogens**  
Yıldız G., Özkılınç H.  
FRONTIERS IN MICROBIOLOGY, vol.12, 2021 (SCI-Expanded)
- VIII. **Species diversity, mating type assays and aggressiveness patterns of *Moniliniapathogens* causing brown rot of peach fruit in Turkey**  
ÖZKILINÇ H., YILDIZ G., SILAN E., ARSLAN K., GÜVEN H., ALTINOK H. H., Altindag R., DURAK M. R.  
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.157, no.4, pp.799-814, 2020 (SCI-Expanded)
- IX. **First characterization of the complete mitochondrial genome of fungal plant-pathogen *Monilinia laxa* which represents the mobile intron rich structure**  
Yıldız G., ÖZKILINÇ H.  
SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- X. **The most recent status of genetic structure of *Didymella rabiei* (*Ascochyta rabiei*) populations in Turkey and the first genotype profile of the pathogen from the wild ancestor, *Cicer reticulatum***  
ÖZKILINÇ H., Can C.

- PHYTOPARASITICA, vol.47, no.2, pp.263-273, 2019 (SCI-Expanded)
- XI. Molecular phylogenetic species in *Alternaria* pathogens infecting pistachio and wild relatives  
ÖZKILINÇ H., SEVINC U.  
3 BIOTECH, vol.8, no.5, 2018 (SCI-Expanded)
- XII. Contrasting species boundaries between sections *Alternaria* and *Porri* of the genus *Alternaria*  
ÖZKILINÇ H., Rotondo F., Pryor B. M., Peever T. L.  
PLANT PATHOLOGY, vol.67, no.2, pp.303-314, 2018 (SCI-Expanded)
- XIII. Pathogenicity, Morpho-Species and Mating Types of *Alternaria* spp. causing *Alternaria* blight in  
*Pistacia* spp. in Turkey  
ÖZKILINÇ H., SARPKAYA K., Kurt S., Can C., Polatbilek H., Yasar A., SEVINC U., Uysal A., KONUKOGLU F.  
PHYTOPARASITICA, vol.45, no.5, pp.719-728, 2017 (SCI-Expanded)
- XIV. A NEW DISEASE OF GRASSPEA (*LATHYRUS SATIVUS*) CAUSED BY *ASCOCHYTA LENTIS* var. *LATHYRI*  
Infantino A., Zaccardelli M., Costa C., ÖZKILINÇ H., Habibi A., Peever T.  
JOURNAL OF PLANT PATHOLOGY, vol.98, no.3, pp.541-548, 2016 (SCI-Expanded)
- XV. Population structure and reproductive mode of *Didymella fabae* in Syria  
ÖZKILINÇ H., Thomas K., Abang M., Peever T. L.  
PLANT PATHOLOGY, vol.64, no.5, pp.1110-1119, 2015 (SCI-Expanded)
- XVI. Aggressiveness of eight *Didymella rabiei* isolates from domesticated and wild chickpea native to  
Turkey and Israel, a case study  
ÖZKILINÇ H., Frenkel O., Shtienberg D., Abbo S., Sherman A., Kahraman A., Can C.  
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.131, no.3, pp.529-537, 2011 (SCI-Expanded)
- XVII. Development, characterization and linkage analysis of microsatellite loci for the *Ascochyta* blight  
pathogen of faba bean, *Didymella fabae*  
ÖZKILINÇ H., Akamatsu H., Abang M., Thomas K., Chilvers M. I., Peever T. L.  
JOURNAL OF MICROBIOLOGICAL METHODS, vol.87, no.1, pp.128-130, 2011 (SCI-Expanded)
- XVIII. A comparative study of Turkish and Israeli populations of *Didymella rabiei*, the *ascochyta* blight  
pathogen of chickpea  
ÖZKILINÇ H., Frenkel O., Abbo S., Eshed R., Sherman A., Shtienberg D., Ophir R., Can C.  
PLANT PATHOLOGY, vol.59, no.3, pp.492-503, 2010 (SCI-Expanded)
- XIX. Ecological Genetic Divergence of the Fungal Pathogen *Didymella rabiei* on Sympatric Wild and  
Domesticated *Cicer* spp. (Chickpea)  
Frenkel O., Peever T. L., Chilvers M. I., ÖZKILINÇ H., Can C., Abbo S., Shtienberg D., Sherman A.  
APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol.76, no.1, pp.30-39, 2010 (SCI-Expanded)
- XX. First Report of *Ascochyta rabiei* Causing *Ascochyta* Blight of *Cicer pinnatifidum*  
Can C., ÖZKILINÇ H., Kahraman A., Özkan H.  
Plant Disease, vol.91, no.7, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. Molecular phylogeny of *Fusarium oxysporum* species complex isolated from eggplant and pepper in  
Turkey  
ALTINOK H. H., TANYOLAÇ M. B., Ates D., CAN C., ÖZKILINÇ H.  
AGROFOR International Journal, vol.4, no.3, pp.91-99, 2019 (Peer-Reviewed Journal)
- II. Characterization of *Cryphonectria parasitica* From Native Chestnut Trees in Kaz Mountain (Mount  
Ida)  
ÖZKILINÇ H., Kozma Z., Pekdemir B., Gulnar B.  
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.35, no.1, pp.38-45, 2018 (Peer-Reviewed Journal)
- III. Molecular identification of *Fusarium* spp causing wilt of chickpea and the first report of *Fusarium*  
*redolens* in Turkey  
TEKEOĞLU M., ÖZKILINÇ H., TUNALI B., KÜSMENOĞLU İ., Chen W.

- Mediterranean Agricultural Sciences, vol.30, no.1, pp.27-33, 2017 (Peer-Reviewed Journal)
- IV. Screening fungicide resistance of *Alternaria* pathogens causing alternaria blight of pistachio in Turkey Türkiye'de antepfistiği'nda *Alternaria* yanıklık etmeni alternaria patojenlerinin fungisit direncinin incelenmesi  
ÖZKILINÇ H., Kurt S.  
Yuzuncu Yıl University Journal of Agricultural Sciences, vol.27, no.4, pp.543-549, 2017 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. An overview on *Monilinia* pathogens the causal agent of brown rot disease of peach considering the pathogen populations from Turkey  
Silan E., Arslan K., Yildiz G., Durak M. R., ÖZKILINÇ H.  
Fungal Symposium 2019, Germany, 2 - 04 September 2019
- II. *Monilinia fructicola* from peach in Canakkale, a molecular approach to characterize the pathogen  
ÖZKILINÇ H., Kozma Z.  
INTERNATIONAL AGRICULTURAL, BIOLOGICAL LIFE SCIENCE CONFERENCE, 2 - 05 September 2018
- III. Population Genetic Analysis of *Didymella rabiei* from chickpea and wild relatives in Turkey  
ÖZKILINÇ H., CAN C.  
International Conference On Agriculture, Forest, Food, Veterinary Sciences and Technologies, İzmir-Çeşme, Turkey, 2 - 05 April 2018
- IV. PHYLOGENETIC SPECIES CONCEPT IN FUNGAL PLANT PATHOGENS: A STUDY ON ASCOCHYTA PATHOGENS  
ÖZKILINÇ H.  
6th INTERNATIONAL MOLECULAR BIOLOGYand BIOTECHNOLOGY CONGRESS, Afyon, Turkey, 22 - 25 December 2017
- V. Optical Mapping of *Fusarium oxysporum* f. sp. *melongenae* Genome  
TANYOLAÇ M. B., ATEŞ D., özkuru e., Ferik F., ALTINOK H. H., CAN C., ÖZKILINÇ H.  
International Green Biotechnology Congress, İstanbul, Turkey, 11 - 13 September 2017, pp.49
- VI. Kuru gıda örneklerinden mikotoksik fungal türlerin izolasyonu ve moleküler yöntemlerle tanımlanması.  
ÖZSOY N., Ünal S., ÖZKILINÇ H., PALA Ç.  
Pamukkale Gıda Sempozyumu III: Kurutulmuş ve Yarı Kurutulmuş Gıdalar, Denizli, Turkey, 13 - 15 May 2015
- VII. PHENOLICS ANTIOXIDANT AND ANTIMICROBIAL POTENTIALS OF SHERBETS FROM FLOWERS OF ALTHAEA ROSEA AND HIBISCUS SYRIACUS  
SEHİTOĞLU M. H., PALA Ç., ÖZKILINÇ H., ÖZBEK Z.  
Workshop on Determining Antioxidants as Reactive Species Scavengers, İstanbul, Turkey, 27 October - 28 January 2014, pp.55
- VIII. Antioxidant and Antimicrobial Potentials of Sherbets From Flowers of Althaea rosea and Hibiscus syriacus  
SEHİTOĞLU M. H., PALA Ç., ÖZKILINÇ H., ÖZBEK Z.  
Workshop on Determining Antioxidants as Reactive Species Scavengers, 27 October - 28 July 2014

### Supported Projects

- ÖZKILINÇ H., Silan E., Project Supported by Higher Education Institutions, Dünya çapındaki bir koleksiyondan *Monilinia* kahverengi çürüklük patojenlerinin nükleer ve mitokondriyal filogenileri, 2019 - 2021  
Özkilinç H., TUBITAK Project, 2018 - 2021
- ÖZKILINÇ H., GÜVEN H., Project Supported by Higher Education Institutions, Basit Dizi Tekrar Lokusları ile Şeftalide Kahverengi Çürüklüğe Sebep Olan *Monilinia* Patojenlerinin Kıyaslama Populasyon Genetik Analizleri, 2018 - 2019

UYDAL PALA Ç., ÖZKILINÇ H., ÖZSOY N., Project Supported by Higher Education Institutions, Sofralık Siyah Zeytin İşleme Sürecinde Mikotoksik Fungal Türlerin Moleküler Karakterizasyonu ve Toksin Oluşturma Potansiyelleri, 2015 - 2019  
ÖZKILINÇ H., TUBITAK Project, Idendification of genetic variation by DNA sequence-based comparative genomics of *Fusarium oxysporum* isolates through Next Generation Sequencing (NGS) method, detemination of phylogenetic relationships and comparison of genes for pathogen effector protein, 2015 - 2018  
ÖZKILINÇ H., TUBITAK Project, NOHUTTA ASCOCHYTA YANIKLIĞI ETMENLERİNİN POPULASYON KARAKTERİZASYONU VE MOLEKÜLER İŞARETLEYİCİLER KULLANILARAK BU ETMENLERE KARŞI DAYANIKLI GENOTİPLERİN ARAŞTIRILMASI, 2013 - 2016  
ÖZKILINÇ H., TUBITAK Project, Türkiye'de Antepfıstığı (*Pistacia vera*) ve diğer *Pistacia* Türlerinde *Alternaria* Yanıklık Hastalığına Neden Olan *Alternaria* spp.'nin Moleküler ve Patojenik Karakterizasyonları ve Hastalık Epidemiyoloji, 2013 - 2016  
PALA A., UYSAL H., ÖZKILINÇ H., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik bölümü öğrencisi ve araştırma altyapısına genetik ve genomik kapasitesi kazandırılması., 2014 - 2015  
TÜMER T., ÖZKILINÇ H., UYSAL Y., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Eğitim-Öğretim ve Araştırma Altyapısına Protein Tabanlı Moleküler Tekniklerin Uygulanması İçin Gerekli Kapasitenin Kazandırılması, 2012 - 2015  
UYDAL H., ÖZKILINÇ H., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Araştırma Altyapısına Örnek Hazırlama, Saklama, Koruma ve Sterilizasyon Kapasitesi Kazandırılması, 2012 - 2015  
ÖZKILINÇ H., Other International Funding Programs, Collaborative Research: Estimating speciation/reticulation boundaries in asexual *Alternaria*: a genomics approach, 2009 - 2013  
ÖZKILINÇ H., TUBITAK Project, Güneydoğu Anadolu Bölgesi'nde yetişiriciliği yapılan nohutta zararlı antraknoz hastalığı etmeni *Ascochyta rabiei* (Pass) Labr.'nin genetik ve patojenik varyasyonlarının belirlenmesi, 2004 - 2008

## Activities in Scientific Journals

Phytoparasitica, Editor, 2021 - Continues

## Metrics

Publication: 46

Citation (WoS): 81

Citation (Scopus): 74

H-Index (WoS): 5

H-Index (Scopus): 5