

# Prof. Nehir ÖZDEMİR ÖZGENTÜRK

## Personal Information

**Web:** <https://avesis.yildiz.edu.tr/nozdemir>

**Address:** Yıldız Teknik Üniversitesi Fen Edebiyat Fakültesi Moleküler Biyoloji ve Genetik Bölümü D1004 Esenler İstanbul

### International Researcher IDs

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ORCID: 0000-0003-3809-6303

Yoksis Researcher ID: 48194

## Education Information

2005 - 2005	Post Doctorate, Georgia State University, Medical College Of Georgia, United States Of America
2003 - 2004	Post Doctorate, Cereal Research Center, Cereal Research Center Kanada, Canada
1997 - 2000	Doctorate, Justus-Liebig Universitaet Giessen, Pflanzenbau Und Pflanzentüchtung, Pflanzenzüchtung, Germany
1993 - 1995	Postgraduate, Ege University, Faculty Of Agriculture, Tarla Bitkileri, Turkey
1988 - 1992	Undergraduate, Ege University, Faculty Of Agriculture, Tarla Bitkileri, Turkey

## Foreign Languages

English, B2 Upper Intermediate German, B1 Intermediate

## Certificates, Courses and Trainings

2016	2nd Summer School NEXT-GEN SEQ Data Analysis, Prag 2016, Education Management and Planning, II. 2nd Summer School NEXT-GEN SEQ Data Analysis, Prag 2016
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## Dissertations

2000	Construction of a BAC-Library for Sunflower, Justus-Liebig Universitaet Giessen, Pflanzenbau Und Pflanzenzüchtung, Pflanzenzüchtung, Doctorate
1995	Melez Mısır Ticari Varyetelerinde İzoenzim Elektroforez Yöntemi ile Genetik Yapının Tanımlanması ve Genetik Sağlık Kontrolü, Ege Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Tarla Bitkileri, Postgraduate

## Research Areas

Life Sciences, Bioinformatics, Molecular Biology and Genetics, Genomics, Natural Sciences

## Academic Titles / Tasks

2019 - Continues	Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics
2012 - 2019	Associate Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics

2003 - 2012	Assistant Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics
2005 - 2005	Medical Doctor, Georgia College, Medical College Of Georgia, , Vascular Biology Center
2003 - 2004	Medical Doctor, The University of Manitoba, Cereal Research Center, Winipeg, Genomic And Cloning Laboratories,
2002 - 2003	Lecturer PhD, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics

## Courses

2018 - 2019, 2016 - 2017, 2015 - 2016	Moleküler Biyoloji ve Genetikte Son Gelişmeler, Postgraduate
2018 - 2019, 2017 - 2018, 2015 - 2016	Moleküler Biyoloji 1, Undergraduate
2016 - 2017, 2015 - 2016, 2014 - 2015	Mikrobiyal Genetik, Undergraduate
2016 - 2017	Moleküler Biyoloji 2, Undergraduate
2015 - 2016, 2014 - 2015, 2012 - 2013, 2008 - 2009, 2007 - 2008	Genom Bilgisi, Postgraduate
2014 - 2015	Proteomik ve Genomik, Undergraduate
2014 - 2015	İnsan Genetiği, Undergraduate
2013 - 2014	Moleküler Genetikte Son Gelişmeler, Postgraduate
2010 - 2011, 2009 - 2010	Bitki Moleküler Biyolojisi, Postgraduate
2008 - 2009	İleri Moleküler Hücre Biyolojisi, Postgraduate

## Advising Theses

2022	Özdemir Özgentürk N., Postgraduate, H.MANCILAR(Student), EXPRESSION OF OXIDATIVE STRESS AND AUTOPHAGY RELATED GENES IN THYMUS TISSUE OF MMTV-TGF- $\alpha$ TRANSGENIC MICE EXPOSED TO CALORIE RESTRICTION
2022	Özdemir Özgentürk N., Postgraduate, Z.ŞİMŞEK(Student), Gene Expression Analysis in Placenta, Placental Bed and Cord Tissue of Patients with Preeclampsia
2022	Özdemir Özgentürk N., Postgraduate, E.AKTAŞ(Student), ACE2 RESEPTÖRÜNÜN TAHMİNİ MUTASYON NOKTALARININ VE ETKİLERİNİN İN SİLİCO OLARAK BELİRLENMESİ
2022	Özdemir Özgentürk N., Doctorate, C.YAVAŞ(Student), ALPORT SENDROMU İLE İLİŞKİLİ GENLERE AİT VARYASYONLARIN YENİ NESİL DİZİLEME (YND) METODU İLE İNCELENMESİ
2022	Özdemir Özgentürk N., Doctorate, S.ULU(Student), Yeni Nesil Dizileme Yöntemi İle Türk Fındığı (Corylus colurna L.) Ve Tombul Fındığın (Corylus avellana L.) Transkriptom Analizlerinin Yapılması Ve Karşılaştırılması
2021	Özdemir Özgentürk N., Kandemiş E., Postgraduate, S.Neziri(Student), Effect of curcumin on aging-related gene expression in fibroblast cells
2021	Özdemir Özgentürk N., Postgraduate, F.ARIK(Student), Pathway analysis from RNA sequences obtained from placenta and related tissues of patients with preeclampsia
2021	Özdemir Özgentürk N., Postgraduate, S.NEZIRI(Student), Effect of curcumin on aging-related gene expression in fibroblast cells
2020	Özdemir Özgentürk N., Postgraduate, E.KILIÇ(Student), Investigation of the expression of aging-related genes in the thymus tissue of mice fed a calorie-restricted diet.

2018	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, A.Yasir(Student), Fare Meme Tümör Virüsü- Dönüşüm Büyüme Faktörü-? Farelerine ait RNA-sekans verilerinden Belirlenen Kanser İlişkili Genlerin Ekspresyonlarının Timus Dokusunda Gösterilmesi
2018	ÖZDEMİR ÖZGENTÜRK N., Doctorate, Z.Ömeroğlu(Student), Kalori Kısıtlaması ile Beslenen Meme Tümör Virüsü- Dönüşüm Büyüme Faktörü-? Farelerin Timus Dokularından RNA-seq Analizi
2018	Özdemir Özgentürk N., Postgraduate, A.YASİR(Student), Fare meme tümör virüsü-dönüşüm büyüme faktörü-α farelerine ait RNA-sekans verilerinden belirlenen kanser ilişkili genlerin ekspresyonlarının timus dokusunda gösterilmesi
2018	Özdemir Özgentürk N., Doctorate, Z.ÖMEROĞLU(Student), Kalori kısıtlaması ile beslenen fare meme tümörü virüsü -transforme edici büyüme faktörü-alfa farelerin timus dokusundan ma sekanslama analizi
2017	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, B.Yirmibeş(Student), Fındıkta (Corylus avellena L. ve Corylus colurna L.) Korunmuş Bazı Mikro RNA'ların Real-Time PCR ile Analizi
2017	Özdemir Özgentürk N., Postgraduate, B.YİRMİBEŞ(Student), Corylus avellena L ve corylus colurna L fındık türlerinde korunmuş bazı MikroRNA'ların gerçek zamanlı polimeraz zincir reaksiyonu ile analizi
2016	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, C.Sultan(Student), Zeytin (Olea europaea L. cv Gemlik) Bitkisinde Korunmuş miRNA'ların Analizi
2016	Özdemir Özgentürk N., Postgraduate, S.CANSU(Student), Zeytin (Olea europaea L. cv Gemlik) bitkisinde korunmuş miRNA'ların analizi
2015	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, D.Çağlar(Student), Zeytin (olea europeae) EST'leri (Expressed Sequence Tags) Koleksiyonundan Seçilen Lipid Transfer Geninin Moleküler Analizi
2013	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, N.Şimşek(Student), Organik ve Konvansiyonel Fasulye (Phaseolus vulgaris L.) Yetiştiriciliğinde Tuz Stresi Uygulamasında Aktivasyonu Artan DREB2A Geninin Ekspresyonlarının Karşılaştırılması
2013	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, G.Çavuşoğlu(Student), Zeytin (Olea Europaea) Yaprağından B-Glukozidaz Enzimini Kodlayan Genin Klonlanması
2012	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, B.Tellioğlu(Student), Terrier Irkı Köpeğin Meme ve Tümörlü Meme Dokusunda Ekspresse olan Genlerin EST (Expressed Sequence Tags) Kütüphanesinin Oluşturulması ve Karşılaştırılması
2012	Özdemir Özgentürk N., Postgraduate, B.TELLİOĞLU(Student), Establishment and comparison of EST (Expressed Sequence Tags) library of genes expressed in normal and tumor mammary tissue of terrier dog
2010	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, Z.Ömeroğlu(Student), Türkiye Yerli Koyun Irkı Kıvrıkcık için Meme Dokusundan cDNA Kütüphanesinin Hazırlanması
2009	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, F.Frootan(Student), Türkiye Ve İran Yerli Koyun Irklarında Prion Geni Analizi
2009	ÖZDEMİR ÖZGENTÜRK N., Postgraduate, F.Oruç(Student), Olea Europaea cv Gemlik (Zeytin) Bitkisine Ait cDNA Kütüphanesinin Hazırlanması ve Sonuçların Bioinformatik Analiz Yöntemleri İle Değerlendirilmesi

## Jury Memberships

December 2022	Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi
December 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
December 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
December 2022	Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi

December 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
December 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
December 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
July 2022	Doctorate, Doctorate, Yıldız Teknik Üniversitesi
June 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
June 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
June 2022	Doctorate, Doctorate, Yıldız Teknik Üniversitesi
June 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
June 2022	Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi
June 2022	Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi
June 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
June 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
June 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
May 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi
June 2021	Academic Staff Examination, Academic Staff Examination, Yıldız Teknik Üniversitesi
August 2018	Doctorate, Doktora Tez Savunma Sınavı, İstanbul Üniversitesi
June 2018	Doctorate, Doktora Tez Savunma Sınavı, İstanbul Üniversitesi
July 2017	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Ege Üniversitesi
July 2017	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Ege Üniversitesi Biyoloji Bölümü
November 2015	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi
March 2014	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi
March 2014	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Ege Üniversitesi
December 2013	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi
November 2011	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi
November 2011	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi
June 2009	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi
May 2008	Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi

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

- I. **A Deeper Insight into COL4A3, COL4A4, and COL4A5 Variants and Genotype-Phenotype Correlation of a Turkish Cohort with Alport Syndrome**  
Yavaş C., ÖZDEMİR ÖZGENTÜRK N., Dogan M., Gezdirici A., Keskin E., Gokplnar İli E., Dogan T., Celebi E., Bender O., Un C.  
Molecular Syndromology, vol.15, no.1, pp.1-13, 2024 (SCI-Expanded)
- II. **A comprehensive examination of ACE2 receptor and prediction of spike glycoprotein and ACE2 interaction based on in silico analysis of ACE2 receptor**  
Aktaş E., Özgentürk N. Ö.  
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, vol.42, no.9, pp.4412-4428, 2024 (SCI-Expanded)

- III. **MicroRNA-626 inhibits mTOR pathways activity of retinal pigment epithelial cells by targeting SLC7A5 in human ARPE-19 Cells**  
Ercan Ç., ELBAY A., Aslan E. S., AKBAŞ F., ÖZDEMİR H., ÖZGENTÜRK N. O.  
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.10, pp.17-22, 2023 (SCI-Expanded)
- IV. **Whole-Exome Sequencing (WES) results of 50 patients with chronic kidney diseases: a perspective of Alport syndrome**  
Yavaş C., Ün C., Çelebi E., Gezdirici A., Doğan M., İli E. G., Doğan T., ÖZGENTÜRK N. Ö.  
Revista da Associacao Medica Brasileira, vol.68, no.9, pp.1282-1287, 2022 (SCI-Expanded)
- V. **Identification of immune-related genes in thymus of breast cancer mouse model exposed to different calorie restriction**  
ULU OMEROGLU Z., Ulu S., DOĞAN S., GÜVENÇ TUNA B., ÖZDEMİR ÖZGENTÜRK N.  
Turkish Journal Of Biochemistry-Türk Biyokimya Dergisi, vol.0, 2018 (SCI-Expanded)
- VI. **Analysis of Expressed Genes in Normal and Tumoral Mammary Gland Tissue of the Terrier Dog**  
ÖZDEMİR ÖZGENTÜRK N., Ömeroğlu Ulu Z., Ulu S., Çelik M., Tellioglu B., YILDIRIM F., AKIŞ AKAD I., GÜREL A., ÜN C., ÖZTABAK K. Ö.  
Kafkas Universitesi Veteriner Fakultesi Dergisi, vol.24, 2018 (SCI-Expanded)
- VII. **Analysis of Expressed Genes in Normal and Tumoral Mammary Gland Tissue of the Terrier Dog**  
ÖZDEMİR ÖZGENTÜRK N., Omeroglu Ulu Z., Ulu S., Celik M., Tellioglu B., Yildirim F., Akis Akad I., Gurel A., ÜN C., Oztabak K. O.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.24, no.3, pp.357-364, 2018 (SCI-Expanded)
- VIII. **Transcriptome Analysis of the Thymus in Short-Term Calorie-Restricted Mice Using RNA-seq**  
Ulu Z. O., Ulu S., Dogan S., Tuna B. G., Ozgenturk N.  
INTERNATIONAL JOURNAL OF GENOMICS, vol.2018, 2018 (SCI-Expanded)
- IX. **Preparing and Analyzing Expressed Sequence Tags (ESTs) Library for the Mammary Tissue of Local Turkish Kivircik Sheep**  
ÖZDEMİR ÖZGENTÜRK N., Omeroglu Ulu Z., Ulu S., Un C., Ozdem Oztabak K., ALTUNATMAZ K.  
International Journal of Genomics, vol.2017, 2017 (SCI-Expanded)
- X. **Prion protein coding gene (prnp) variability in sheep from turkey and Iran**  
Frootan F., Nikbakht G., ÖZGENTÜRK N. Ö., Ün C.  
Biochemical Genetics, vol.50, no.3-4, pp.277-284, 2012 (SCI-Expanded)
- XI. **Generation and Analysis of Expressed Sequence Tags from Olea europaea L**  
ÖZDEMİR ÖZGENTÜRK N., Oruc F., SEZERMAN O. U., Kucukural A., VURAL KORKUT Ş., Toksöz F., ÜN C.  
COMPARATIVE AND FUNCTIONAL GENOMICS, 2010 (SCI-Expanded)
- XII. **Detection of Bovine Spongiform Encephalopathy-Related Prion Protein Gene Promoter Polymorphisms in Local Turkish Cattle**  
Uen C., Oztabak K., Oezdemir N., Tesfaye D., Mengi A., SCHELLANDER K.  
BIOCHEMICAL GENETICS, vol.46, pp.820-827, 2008 (SCI-Expanded)
- XIII. **Genotyping of PrP gene in native Turkish sheep breeds**  
Un C., Oztabak K., ÖZDEMİR N., Akis I., Mengi A.  
SMALL RUMINANT RESEARCH, vol.74, pp.260-264, 2008 (SCI-Expanded)
- XIV. **Expression analysis and physical mapping of low-molecular-weight glutenin loci in hexaploid wheat (Triticum aestivum L.)**  
Ozdemir N., CLOUTIER S.  
GENOME, vol.48, no.3, pp.401-410, 2005 (SCI-Expanded)
- XV. **Construction and characterization of a BAC library for sunflower (Helianthus annuus L.)**  
Ozdemir N., Horn R., FRIEDT W.  
EUPHYTICA, vol.138, no.2, pp.177-183, 2004 (SCI-Expanded)
- XVI. **Isolation of HMW DNA from sunflower (Helianthus annuus L.) for BAC cloning**  
Ozdemir N., HORN R., FRIEDT W.  
PLANT MOLECULAR BIOLOGY REPORTER, vol.20, no.3, pp.239-249, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Animal models in neuroscience with alternative approaches: Evolutionary, biomedical, and ethical perspectives.**  
Neziri S., Köseoğlu A. E., Deniz Köseoğlu G., Özgültekin B., Özgentürk N.  
Animal models and experimental medicine, 2024 (ESCI)
- II. **Antimicrobial Peptides in Bladder Cancer**  
YAVAŞ C., IRMAK SAV S., ÖZDEMİR ÖZGENTÜRK N.  
Novel Approaches in Cancer Study, vol.7, no.2, pp.681-683, 2022 (Peer-Reviewed Journal)
- III. **Revealing In Silico that Bacteria's Outer Membrane Proteins may Help our Bodies Replicate and Carry Severe Acute Respiratory Syndrome Coronavirus 2**  
Aktaş E., Özdemir Özgentürk N.  
Bioinformatics and Biology Insights, vol.16, pp.1-7, 2022 (ESCI)
- IV. **Bioinformatic analysis reveals that some bacteria may aid SARS-CoV-2 spread and entry into host cells**  
Aktas E., Korcan S. E., ÖZDEMİR ÖZGENTÜRK N., Erismis U. C.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.39, no.3, pp.248-259, 2021 (ESCI)
- V. **Analysis of some conserved miRNAs in hazelnut (*Corylus avellena* L. and *Corylus colurna* L.) by real-time PCR**  
Yirmibes B., Aydın H. N., Omeroglu Ulu Z., Ulu S., ÖZDEMİR ÖZGENTÜRK N.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.39, no.2, pp.170-176, 2021 (ESCI)
- VI. **The Detection of SSRs From The Terrier Dog Normal and Tumoral Mammary Gland Tissue EST Libraries**  
Ulu Omeroglu Z., Çelik M., Ulu S., ÖZDEMİR ÖZGENTÜRK N.  
Kocatepe Veterinary Journal, pp.1, 2019 (Peer-Reviewed Journal)
- VII. **THE DETECTION OF SSRs FROM OLIVE (*Olea europaea* L.) EST COLLECTION BY COMPARING 4 DIFFERENT BIOINFORMATICS SOFTWARES**  
ÖZDEMİR ÖZGENTÜRK N., Turan G., Aydın H. N., Ulu S., Ömeroğlu Ulu Z.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.35, no.4, pp.763-770, 2017 (ESCI)
- VIII. **Map based cloning strategy for isolating the restorer gene Rf1 of the PET1 cytoplasm in sunflower *Helianthus annuus* L**  
KUSTERER B., WOLFGANG F., LAZARESCU L., PRÜFE M., ÖZDEMİR ÖZGENTÜRK N., TZÍGOS S., HORN R.  
Helia International Scientific Journal, vol.27, pp.1-14, 2004 (Peer-Reviewed Journal)
- IX. **Kartierung des Sonnenblumen genoms *Helianthus annuus* L und Isolierung des Restorer gens Rf1**  
HORN R., KUSTERER B., PRÜFE M., PRÜFE M., ÖZDEMİR ÖZGENTÜRK N., FRIEDT W.  
Votr. Pflanzenzüchtg. 61, vol.61, pp.94-99, 2003 (Non Peer-Reviewed Journal)
- X. **Mapping of the restorer gene Rf1 in sunflower *Helianthus annuus***  
RENATE H., KUSTERER B., LAZARESCU L., MARCUS P., ÖZDEMİR ÖZGENTÜRK N., WOLFGANG F.  
Helia International Scientific Journal, vol.25, pp.41-46, 2002 (Peer-Reviewed Journal)
- XI. **Molecular diversity of CMS sources and fertility restoration in the genus *Helianthus***  
RENATE H., KUSTERER B., LAZARESCU L., MARCUS P., ÖZDEMİR ÖZGENTÜRK N., WOLFGANG F.  
Helia International Scientific Journal, vol.25, pp.29-40, 2002 (Peer-Reviewed Journal)
- XII. **Kartierung der Resistenz der Sonnenblume gegen den Falschen Mehltau *Plasmopara halstedii***  
BRAHM L., RÖHER T., KÖHLER H., HORN R., PRÜFE M., ÖZDEMİR ÖZGENTÜRK N., FRIEDT W.  
Votr. Pflanzenzüchtung, vol.43, pp.148-159, 1998 (Non Peer-Reviewed Journal)
- XIII. **Versuche zur BAC Klonierung bei der Sonnenblume *Helianthus annuus* L**  
KÖHLER H., KREAMER M., ÖZDEMİR ÖZGENTÜRK N., FRIEDT W.  
Votr. Pflanzenzüchtung, vol.42, pp.122-124, 1998 (Non Peer-Reviewed Journal)

## Books & Book Chapters

- I. **INVESTIGATION OF THE INTERACTION OF THE DRUG SEMAGLUTIDE (OZEMPIC, RYBELSUS) WITH OUTER MEMBRANE PROTEINS OF GUT BACTERIA IN SILICO**  
Özcan A. M., Aydın M., Aktaş E., Özdemir Özgentürk N.  
in: II. INTERNATIONAL SCIENCES CONGRESS-CONFERENCE BOOK, ASSIST. PROF. BURCU OZUBERK, Editor, ARCENG PUBLICATIONS, Eskişehir, pp.5-10, 2024
- II. **DETERMINATION OF MUTATIONS IN THE GLYCOPROTEIN, VP24 AND VP40 PROTEINS IN THE MARBURG VIRUS AND INVESTIGATION IN SILICO OF THE INTERACTION OF THE GLYCOPROTEIN WITH ITS TAM FAMILY THAT CAUSES ITS INTRODUCTION TO THE HUMAN BODY**  
Öztürk S., Tarhan B., Aktaş E., Özdemir Özgentürk N.  
in: ARCENG INTERNATIONAL SCIENTIFIC RESEARCH CONFERENCE, ASSIST. PROF. BURCU OZUBERK, Editor, ARCENG PUBLICATIONS,, Eskişehir, pp.11-22, 2024
- III. **İLERİ DÜZEYDE MULTİPLE SKLEROZ HASTALIĞINDA EKSPRESYONU ARTAN miRNA'LARIN ARALARINDAKİ ETKİLEŞİMİN VE İLİŞKİLİ OLABİLECEK miRNA'LARIN İNCELENMESİ**  
Sever T., Şahin K. N., Aktaş E., Özdemir Özgentürk N.  
in: ARCENG INTERNATIONAL SCIENTIFIC RESEARCH CONFERENCE, ASSOC. PROF. SECİL KARTOPU, Editor, ARCENG PUBLICATIONS –2024, İstanbul, pp.58-67, 2024
- IV. **In Silico Identification of Possible Mutation-Prone Regions of the GRIA3 Protein**  
Keskin Z. N., Aktaş E., Özdemir Özgentürk N.  
in: Current Debates on Natural and Engineering Sciences 9, Hikmet Y. ÇOĞUN, İshak PARLAR, Hasan ÜZMUŞ, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.73-79, 2023
- V. **Bioinformatics Analysis of ANGPTL4**  
Bilir E., Malkoç M., Aktaş E., Özdemir Özgentürk N.  
in: Current Debates on Health Sciences 4, Recep Akkaya, Birnur Akkaya, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.438-450, 2022
- VI. **Bioinformatic Analysis**  
Bilir E., Malkoç M., Aktaş E., Özdemir Özgentürk N.  
in: Current Debates on Health Sciences 4, Recep Akkaya, Birnur Akkaya, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.438-450, 2022

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

- I. **"Preeklampside hsa-miR183 ekspresyonunun Gerçek Zamanlı PCR ile değerlendirilmesi"**  
Ata t., Neziri S., Ulu Omeroglu Z., ÖZDEMİR ÖZGENTÜRK N.  
12. Uluslararası Akademik Araştırmalar Kongresi'ne (ICAR), Turkey, 19 December 2023
- II. **Exploring Axolotl Regeneration: Bioinformatic Insights into the Wnt/ $\beta$ -Catenin Pathway and ProteinVitamin Interactions for Advancing Regenerative Medicine**  
Aktaş E., Koç B. B., Özdemir Özgentürk N.  
6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.1489
- III. **Bioinformatics analysis of miRNA expression profile according to gender in Relapsing-Remitting Multiple Sclerosis patients**  
Aktaş E., Şahin K. N., Sever T., Özdemir Özgentürk N.  
6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.1488
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## Supported Projects

2023 - Continues	Metforminin İnsan Dermal Fibroblasts hücre hatlarının yaşlanma süreci üzerinde etkisi, Project Supported by Higher Education Institutions
2023 - 2026	Biyoinformatik Olarak Tasarlanmış Modifiye ACE2 Protein ve Peptidlerin COVID-19 Hastalığına Karşı İnhibitör Ajan Potansiyelinin In vitro Değerlendirilmesi, TUBITAK Project
2020 - 2022	Preeklampsi Hastaların plasenta, plasenta yatağı ve kordon dokusunda gen ekspresyon analizi, Project Supported by Higher Education Institutions
2019 - 2021	Kurkuminin fibroblast hücrelerinde yaşlanmaya ile ilgili genlerin ekspresyonu üzerindeki etkisi, Project Supported by Higher Education Institutions
2019 - 2020	FINDIKTA (Corylus avellana L.) miR-395 ve miR-172 microRNA'LARIN REAL-TİME PCR İLE TESPİT EDİLMESİ, TUBITAK Project
2017 - 2020	Yeni Nesil Dizileme ile Türk fındığı Corylus colurna L ile Tombul Fındığın Corylus avellana L Transkriptom Analizlerinin Yapılması ve Karşılaştırılması, Project Supported by Higher Education Institutions
2017 - 2018	Fare Meme Tümör Virüsü- Dönüşüm Büyüme Faktörü-a Farelerine ait RNA-sekans verilerinden Belirlenen Kanser İlişkili Genlerin Ekspresyonlarının Timus Dokusunda Gösterilmesi, Project Supported by Higher Education Institutions
2016 - 2018	Kalori Kısıtlaması ile Beslenen Fare Meme Tümörü Virüsü-Transforme Edici Büyüme Faktörü- Alfa Farelerin Timus Dokusundan RNA Sekanslama Aanalizi, Project Supported by Higher Education Institutions
2015 - 2017	Zeytin (Olea europea L.) Bitkisi için miRNA Kütüphanesi Kurulması, Project Supported by Higher Education Institutions
2012 - 2017	Zeytin (Olea europaea) EST Koleksiyonundan Seçilen &#946; Glukozidaz geninin Moleküler Analizi ve Pichia pastoriste Ekspresyonu, Project Supported by Higher Education Institutions
2013 - 2016	Histidin Kuyruklu Zeytin Olea europaea L Cv Gemlik Glukozidaz Enziminin E coli de Rekombinant Anlatımı, Project Supported by Higher Education Institutions

2011 - 2015	Zeytin ( <i>Olea europaea</i> ) ESTs (Expressed Sequence Tags) koleksiyonundan seçilen Lipid Transfer Geninin Moleküler Analizi, Project Supported by Higher Education Institutions
2011 - 2014	Organik ve Konvansiyonel Fasulye ( <i>Phaseolus vulgaris</i> L.) Yetiştiriciliğinde Tuz stresi uygulamasında aktivasyonu artan DREB2A geninin ekspresyonlarının karşılaştırılması, Project Supported by Higher Education Institutions
2010 - 2013	Terrier Irkı Köpeğin Meme ve Tümörlü Meme Dokusunda Ekspresse Olan Genlerin EST (Expressed Sequence Tags) kütüphanesinin Oluşturulması ve Karşılaştırılması, Project Supported by Higher Education Institutions
2011 - 2012	Organik ve Konvansiyonel Fasulye ( <i>Phaseolus vulgaris</i> L.) Yetiştiriciliğinde Tuzlulukla İlgili Genlerin Ekspresyonlarının Karşılaştırılması, Other International Funding Programs
2005 - 2010	<i>Olea europaea</i> L. (Zeytin, cv gemlik) bitkisi için cDNA kütüphanesi oluşturmak ve Stearoyl-Acyl Carrier Protein Desaturase kodlayan gen için ESTs kütüphanelerinin oluşturulması, TUBITAK Project
2005 - 2006	Farklı Yöntemler ile İzole Edilen Zeytin ve Pamuk HMW DNA'larının Karşılaştırılması ve Değerlendirilmesi, Project Supported by Higher Education Institutions
2004 - 2006	3 farklı bitki için Büyük Moleküllü DNA (HMW-DNA) izolasyon metodunun geliştirilmesi, Project Supported by Higher Education Institutions
1996 - 2003	Kartierung eines Resistenzgens der Soneneblume ( <i>Helianthus annuus</i> L.) gegen Plasmopara halstedii und Erstellung einer BAC- Bibliothek für das Sonnenblumen-Genom, Other International Funding Programs

## Metrics

Publication: 124  
Citation (WoS): 80  
Citation (Scopus): 104  
H-Index (WoS): 5  
H-Index (Scopus): 7

## Congress and Symposium Activities

2018	10 <sup>th</sup> International Conference on GENOMICS AND MOLECULAR BIOLOGY, Invited Speaker, Barcelona, Spain
2017	3 <sup>th</sup> International Conference on Transcriptomics,, Invited Speaker, Ranong, Thailand
2017	3 <sup>th</sup> International Conference on Transcriptomics,, Session Moderator, Buri-Ram, Thailand
2017	3 <sup>th</sup> International Conference on Transcriptomics, Attendee, Thailand
2017	International DNA Day and Genome Congress (IDDGC), Attendee, Kırşehir, Turkey

## Scholarships

2005 - Continues	Doktora Sonrası Araştırma Bursu, TUBITAK
2003 - Continues	Doktora Sonrası Araştırma Bursu, Official Institutions of Foreign Countries
1997 - Continues	Doktora Bursu, Official Institutions of Foreign Countries
1996 - Continues	Kısa Süreli Araştırma Bursu, Official Institutions of Foreign Countries

## Awards

September 2017	Bildiri Birinciliği, Muğla Multidisipliner Onkolojik Araştırmalar Sempozyumu
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## **Non Academic Experience**

2005 - 2005	Medical College of Georgia, Vascular Biology Center
2003 - 2004	Genomic and Cloning Laboratories, Cereal Research Center
1997 - 2000	Institut für Pflanzenbau und Pflanzenzüchtung I, Justus Liebig Universität