

Prof. Nehir ÖZDEMİR ÖZGENTÜRK

Personal Information

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

International Researcher IDs

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Education Information

Post Doctorate, Georgia State University, Medical College Of Georgia, United States Of America 2005 - 2005

Post Doctorate, Cereal Research Center, Cereal Research Center Kanada, Canada 2003 - 2004

Doctorate, Justus-Liebig Universitaet Giessen, Pflanzenbau Und Pflanzentüchtung, Pflanzenzüchtung, Germany 1997 - 2000

Postgraduate, Ege University, Faculty Of Agriculture, Tarla Bitkileri, Turkey 1993 - 1995

Undergraduate, Ege University, Faculty Of Agriculture, Tarla Bitkileri, Turkey 1988 - 1992

Foreign Languages

French, A1 Beginner

English, B2 Upper Intermediate

German, B1 Intermediate

Certificates, Courses and Trainings

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

Dissertations

Doctorate, Construction of a BAC-Library for Sunflower, Justus-Liebig Universitaet Giessen, Pflanzenbau Und Pflanzenzüchtung, Pflanzenzüchtung, 2000

Postgraduate, Melez Mısır Ticari Varyetelerinde İzoenzim Elektroferez Yöntemi ile Genetik Yapının Tanımlanması ve Genetik Sağlık Kontrolü, Ege Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Tarla Bitkileri, 1995

Research Areas

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

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2019 - Continues
Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2012 - 2019
Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2003 - 2012
Medical Doctor, Georgia College, Medical College Of Georgia, , Vascular Biology Center, 2005 - 2005
Medical Doctor, The University of Manitoba, Cereal Research Center, Winipeg, Genomic And Cloning Laboratories,, 2003 - 2004
Lecturer PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2002 - 2003

Courses

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

Advising Theses

Özdemir Özgentürk N., ACE2 RESEPTÖRÜNÜN TAHMİNİ MUTASYON NOKTALARININ VE ETKİLERİNİN İN SİLİCO OLARAK BELİRLENMESİ, Postgraduate, E.AKTAŞ(Student), 2022
Özdemir Özgentürk N., EXPRESSION OF OXIDATIVE STRESS AND AUTOPHAGY RELATED GENES IN THYMUS TISSUE OF MMTV-TGF- α TRANSGENIC MICE EXPOSED TO CALORIE RESTRICTION, Postgraduate, H.MANCILAR(Student), 2022
Özdemir Özgentürk N., Gene Expression Analysis in Placenta, Placental Bed and Cord Tissue of Patients with Preeclampsia, Postgraduate, Z.ŞİMŞEK(Student), 2022
Özdemir Özgentürk N., Yeni Nesil Dizileme Yöntemi İle Türk Fındığı (Corylus colurna L.) Ve Tombul Fındığın (Corylus avellana L.) Transkriptom Analizlerinin Yapılması Ve Karşılaştırılması, Doctorate, S.ULU(Student), 2022
Özdemir Özgentürk N., ALPORT SENDROMU İLE İLİŞKİLİ GENLERE AİT VARYASYONLARIN YENİ NESİL DİZİLEME (YND) METODU İLE İNCELENMESİ, Doctorate, C.YAVAŞ(Student), 2022
Özdemir Özgentürk N., Kandemiş E., Effect of curcumin on aging-related gene expression in fibroblast cells, Postgraduate, S.Neziri(Student), 2021
Özdemir Özgentürk N., Pathway analysis from RNA sequences obtained from placenta and related tissues of patients with preeclampsia, Postgraduate, F.ARIK(Student), 2021
Özdemir Özgentürk N., Effect of curcumin on aging-related gene expression in fibroblast cells, Postgraduate, S.NEZIRI(Student), 2021
Özdemir Özgentürk N., Investigation of the expression of aging-related genes in the thymus tissue of mice fed a calorie-restricted diet, Postgraduate, E.KILIÇ(Student), 2020
ÖZDEMİR ÖZGENTÜRK N., Fare Meme Tümör Virüsü- Dönüşüm Büyüme Faktörü-? Farelerine ait RNA-sekans verilerinden Belirlenen Kanser İlişkili Genlerin Ekspresyonlarının Timus Dokusunda Gösterilmesi, Postgraduate, A.Yasir(Student), 2018
ÖZDEMİR ÖZGENTÜRK N., Kalori Kısıtlaması ile Beslenen Meme Tümör Virüsü- Dönüşüm Büyüme Faktörü-? Farelerin

Timus Dokularından RNA-seq Analizi, Doctorate, Z.Ömeroğlu(Student), 2018

Özdemir Özgentürk N., Fare meme tümör virüsü-dönüşüm büyüme faktörü- α farelerine ait RNA-sekans verilerinden belirlenen kanser ilişkili genlerin ekspresyonlarının timus dokusunda gösterilmesi, Postgraduate, A.YASİR(Student), 2018

Özdemir Özgentürk N., Kalori kısıtlaması ile beslenen fare meme tümörü virüsü -transforme edici büyüme faktörü-alfa farelerin timus dokusundan rna sekanslama analizi, Doctorate, Z.ÖMEROĞLU(Student), 2018

ÖZDEMİR ÖZGENTÜRK N., Fındıkta (*Corylus avellana* L. ve *Corylus colurna* L.) Korunmuş Bazı Mikro RNA'ların Real-Time PCR ile Analizi, Postgraduate, B.Yirmibeş(Student), 2017

Özdemir Özgentürk N., *Corylus avellana* L ve *corylus colurna* L fındık türlerinde korunmuş bazı MikroRNA'ların gerçek zamanlı polimeraz zincir reaksiyonu ile analizi, Postgraduate, B.YİRMİBEŞ(Student), 2017

ÖZDEMİR ÖZGENTÜRK N., Zeytin (*Olea europaea* L. cv Gemlik) Bitkisinde Korunmuş miRNA'ların Analizi, Postgraduate, C.Sultan(Student), 2016

Özdemir Özgentürk N., Zeytin (*Olea europaea* L. cv Gemlik) bitkisinde korunmuş miRNA'ların analizi, Postgraduate, S.CANSU(Student), 2016

ÖZDEMİR ÖZGENTÜRK N., Zeytin (*olea europeae*) EST'leri (Expressed Sequence Tags) Koleksiyonundan Seçilen Lipid Transfer Geninin Moleküler Analizi, Postgraduate, D.Çağlar(Student), 2015

ÖZDEMİR ÖZGENTÜRK N., Organik ve Konvansiyonel Fasulye (*Phaseolus vulgaris* l.) Yetiştiriciliğinde Tuz Stresi Uygulamasında Aktivasyonu Artan DREB2A Geninin Ekspresyonlarının Karşılaştırılması, Postgraduate, N.Şimşek(Student), 2013

ÖZDEMİR ÖZGENTÜRK N., Zeytin (*Olea Europaea*) Yaprağından B-Glukozidaz Enzimini Kodlayan Genin Klonlanması, Postgraduate, G.Çavuşoğlu(Student), 2013

ÖZDEMİR ÖZGENTÜRK N., Terrier Irkı Köpeğin Meme ve Tümörlü Meme Dokusunda Ekspresse olan Genlerin EST (Expressed Sequence Tags) Kütüphanesinin Oluşturulması ve Karşılaştırılması, Postgraduate, B.Telliöğlu(Student), 2012

Özdemir Özgentürk N., Establishment and comparison of EST (Expressed Sequence Tags) library of genes expressed in normal and tumor mammary tissue of terrier dog, Postgraduate, B.TELLİÖĞLU(Student), 2012

ÖZDEMİR ÖZGENTÜRK N., Türkiye Yerli Koyun Irkı Kıvırcık için Meme Dokusundan cDNA Kütüphanesinin Hazırlanması, Postgraduate, Z.Ömeroğlu(Student), 2010

ÖZDEMİR ÖZGENTÜRK N., Türkiye Ve İran Yerli Koyun Irklarında Prion Geni Analizi, Postgraduate, F.Frootan(Student), 2009

ÖZDEMİR ÖZGENTÜRK N., *Olea Europaea* cv Gemlik (Zeytin) Bitkisine Ait cDNA Kütüphanesinin Hazırlanması ve Sonuçların Bioinformatik Analiz Yöntemleri İle Değerlendirilmesi, Postgraduate, F.Oruç(Student), 2009

Jury Memberships

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, December, 2022

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, 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

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, July, 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, 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

Post Graduate, Post Graduate, 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, May, 2022

Academic Staff Examination, Academic Staff Examination, Yıldız Teknik Üniversitesi, June, 2021

Doctorate, Doktora Tez Savunma Sınavı, İstanbul Üniversitesi, August, 2018

Doctorate, Doktora Tez Savunma Sınavı, İstanbul Üniversitesi, June, 2018

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Ege Üniversitesi Biyoloji Bölümü, July, 2017

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Ege Üniversitesi, July, 2017

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi, November, 2015

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik Üniversitesi, March, 2014

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Ege Üniversitesi, March, 2014

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Yıldız Teknik 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

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. **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., Ozgentürk N. O.
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.10, pp.17-22, 2023 (SCI-Expanded)
- III. **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, no.0739-1102, pp.1-17, 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 OMEROGU 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 Üniversitesi Veteriner Fakültesi 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. **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)
- II. **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)

- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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., TZİGOS S., HORN R.
Helia International Scientific Journal, vol.27, pp.1-14, 2004 (Peer-Reviewed Journal)
- VIII. **Kartierung des Sonnenblumen genoms *Helianthus annuus* L und Isolierung des Restorergens 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)
- IX. **Mapping of the restorer gene Rf1 in sunflower *Helianthus annuus***
RENATE H., KUSTERER B., LAZARESCU L., MARQUS P., ÖZDEMİR ÖZGENTÜRK N., WOLFGANG F.
Helia International Scientific Journal, vol.25, pp.41-46, 2002 (Peer-Reviewed Journal)
- X. **Molecular diversity of CMS sources and fertility restoration in the genus *Helianthus***
RENATE H., KUSTERER B., LAZARESCU L., MARQUS P., ÖZDEMİR ÖZGENTÜRK N., WOLFGANG F.
Helia International Scientific Journal, vol.25, pp.29-40, 2002 (Peer-Reviewed Journal)
- XI. **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)
- XII. **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. **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
- II. **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
- III. **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/ β -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
- IV. **Evaluation of some miRNAs in preeclampsia with Real-Time PCR**
Ateş T., Neziri S., Bayakı İ., Ulu Omeroglu Z., ÖZDEMİR ÖZGENTÜRK N.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023, Turkey, 11 October 2023
- V. **Determination of Single Nucleotide Polymorphisms (SNPs) in Human CAPN3 Gene by In Silico Analysis**
Kayışlı G., Dilemek B., Aktaş E., Özdemir Özgentürk N.
3 th International Congress of Engineering and Natural Sciences, Ankara, Turkey, 24 - 25 May 2023, pp.417-426
- VI. **Determination of Possible Mutation-prone Positions and Effects of SLITRK Protein in Silico**
İslim A., Yıldız D., Aktaş E., Özdemir Özgentürk N.
3 th International Congress of Engineering and Natural Sciences Studies, Ankara, Turkey, 24 - 25 May 2023, pp.122
- VII. **BIOINFORMATICS INVESTIGATION OF THE STRUCTURE OF AROMATASE ENZYME RELATED WITH BREAST CANCER**
Aktaş E., Karyemez E., Özdemir Özgentürk N.
CUMHURİYET 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Ankara, Turkey, 23 April 2023, pp.13
- VIII. **FINDING GENES RELATED WITH FEMALE INFERTILITY LIKE WNT4 AS A RESULT OF BIOINFORMATIC ANALYSIS**
Aktaş E., Kayım E., Özdemir Özgentürk N.
CUMHURİYET 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES , Ankara, Turkey, 23 April 2023, pp.14
- IX. **Bioinformatics Analysis of ANGPTL4 Mediating Inactivation of Lipoprotein Lipase LPL**
AKTAŞ E., ÖZDEMİR ÖZGENTÜRK N., Malkoç M., Bilir E.
International Congress of Medical and Health Sciences Studies, Ankara, Turkey, 13 December 2022, vol.1, pp.438-450
- X. **Bioinformatics Analysis of ANGPTL4 Mediating Inactivation of Lipoprotein Lipase LPL**
Aktaş E., Özdemir Özgentürk N., Malkoç M., Bilir E.
International Congress of Medical and Health Sciences Studies, Ankara, Turkey, 13 December 2022, pp.198
- XI. **ANLN Expression in Senescent Fibroblast Cells**
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Yüca E., Özdemir Özgentürk N., Ordu E., Vural Korkut Ş., Project Supported by Higher Education Institutions, Histidin Kuyruklu Zeytin Olea europaea L Cv Gemlik Glukozidaz Enziminin E coli de Rekombinant Anlatımı, 2013 - 2016

ÖZDEMİR ÖZGENTÜRK N., Project Supported by Higher Education Institutions, Zeytin (Olea europaea) ESTs (Expressed Sequence Tags) koleksiyonundan seçilen Lipid Transfer Geninin Moleküler Analizi, 2011 - 2015

ÖZDEMİR ÖZGENTÜRK N., Project Supported by Higher Education Institutions, Organik ve Konvansiyonel Fasulye (Phaseolus vulgaris L.) Yetiştiriciliğinde Tuz stresi uygulamasında aktivasyonu artan DREB2A geninin ekspresyonlarının karşılaştırılması, 2011 - 2014

ÖZDEMİR ÖZGENTÜRK N., Project Supported by Higher Education Institutions, Terrier Irkı Köpeğin Meme ve Tümörlü Meme Dokusunda Ekspresse Olan Genlerin EST (Expressed Sequence Tags) kütüphanesinin Oluşturulması ve Karşılaştırılması, 2010 - 2013

ÖZDEMİR ÖZGENTÜRK N., Other International Funding Programs, Organik ve Konvansiyonel Fasulye (Phaseolus vulgaris L.) Yetiştiriciliğinde Tuzlulukla İlgili Genlerin Ekspresyonlarının Karşılaştırılması, 2011 - 2012

ÖZDEMİR ÖZGENTÜRK N., TUBITAK Project, Olea europaea L. (Zeytin, cv gemlik) bitkisi için cDNA kütüphanesi oluşturmak ve Stearoyl-Acyl Carrier Protein Desaturase kodlayan gen için ESTs kütüphanelerinin oluşturulması, 2005 - 2010

ÖZDEMİR ÖZGENTÜRK N., Project Supported by Higher Education Institutions, Farklı Yöntemler ile İzole Edilen Zeytin ve Pamuk HMW DNA'larının Karşılaştırılması ve Değerlendirilmesi, 2005 - 2006

ÖZDEMİR ÖZGENTÜRK N., Project Supported by Higher Education Institutions, 3 farklı bitki için Büyük Moleküllü DNA (HMW-DNA) izolasyon metodunun geliştirilmesi, 2004 - 2006

Other International Funding Programs, Kartierung eines Resistenzgens der Soneneblume (Helianthus annuus L.) gegen Plasmopara halstedii und Erstellung einer BAC- Bibliothek für das Sonnenblumen-Genom, 1996 - 2003

Metrics

Publication: 118

Citation (WoS): 80

Citation (Scopus): 99

H-Index (WoS): 5

H-Index (Scopus): 7

Congress and Symposium Activities

10th International Conference on GENOMICS AND MOLECULAR BIOLOGY, Invited Speaker, Barcelona, Spain, 2018

3th International Conference on Transcriptomics,, Session Moderator, Buri-Ram, Thailand, 2017

3th International Conference on Transcriptomics,, Invited Speaker, Ranong, Thailand, 2017

3th International Conference on Transcriptomics, Attendee, Thailand, 2017

International DNA Day and Genome Congress (IDDGC), Attendee, Kırşehir, Turkey, 2017

Scholarships

Doktora Sonrası Araştırma Bursu, TUBITAK, 2005 - Continues

Doktora Sonrası Araştırma Bursu, Official Institutions of Foreign Countries, 2003 - Continues

Doktora Bursu, Official Institutions of Foreign Countries, 1997 - Continues

Kısa Süreli Araştırma Bursu, Official Institutions of Foreign Countries, 1996 - Continues

Awards

ÖZDEMİR ÖZGENTÜRK N., Bildiri Birinciliği, Muğla Multidisipliner Onkolojik Araştırmalar Sempozyumu, September 2017

Non Academic Experience

Medical College of Georgia, Vascular Biology Center

Genomic and Cloning Laboratories, Cereal Research Center

Institut für Pflanzenbau und Pflanzenzüchtung I, Justus Liebig Universität