

Prof. Neslihan TURGUT KARA

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 20307

Fax Phone: [+90 212 455 5811](tel:+902124555811)

Email: neslihantk@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/neslihantk/>

Address: İstanbul Üniversitesi, Fen Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, Vezneciler, İstanbul

International Researcher IDs

ScholarID: xJ-4MCQAAAAJ

ORCID: 0000-0001-5355-4937

Publons / Web Of Science ResearcherID: B-4846-2015

ScopusID: 12142429400

Yoksis Researcher ID: 41527

Education Information

Post Doctorate, Universitaet Bielefeld, Cebitec-Center For Biotechnology, Genome Research, Germany 2010 - 2010

Doctorate, Istanbul University, Faculty Of Science, Moleküler Biyoloji ve Genetik Bölümü, Turkey 2002 - 2007

Postgraduate, Istanbul University, Faculty Of Science, Biyoloji/Moleküler Biyoloji Ve Genetik Anabilim Dalı, Turkey 1999 - 2002

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Horizon 2020, İ.Ü. Teknoloji Transfer Uygulama ve Araştırma Merkezi, 2013

Education Management and Planning, Girişimcilik Eğitimi, TÜBİTAK, TÜSSİDE, 2013

Other, Theoretical and Practical Course-Advanced Bioinformatics: Computational System Biology, ICGEB, Trieste, 2011

Health&Medicine, Young Scientists Forum, FEBS, 2006

Other, Recombinant DNA Technology and Protein Expression, FEBS, Bükreş, Romanya, 2005

Other, Genomics & Crop Improvement, ICGEB, Yeni Delhi, Hindistan, 2003

Health&Medicine, Pratik Flow Cytometry Eğitimi VIII, İstanbul Üniversitesi, DETAE, İmmunoloji Bölümü, 2002

Dissertations

Doctorate, Astragalus chrysochlorus'da fenilpropanoid metabolik yoluna ilişkin genomik analizler, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2007

Postgraduate, Astragalus türlerinde doku kültürü çalışmaları, Istanbul University, Faculty of Science, Biyoloji Bölümü/Moleküler Biyoloji Ve Genetik Bölümü, 2002

Research Areas

Life Sciences, Biotechnology, Plant Biotechnology, Molecular Biology and Genetics, Plant Molecular Genetics, Genetic Engineering, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2021 - Continues
Associate Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2015 - 2021
Assistant Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2013 - 2015
Research Assistant PhD, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2007 - 2013
Research Assistant, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2003 - 2007
Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 1999 - 2003

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Istanbul University, Faculty Of Science, Moleküler Biyoloji ve Genetik Bölümü, 2018 - Continues
İstanbul Üniversitesi, Moleküler Biyoloji Ve Genetik, Moleküler Biyoloji Ve Genetik, 2018 - Continues
Erasmus Coordinator, Istanbul University, Faculty Of Science, Moleküler Biyoloji ve Genetik Bölümü, 2011 - Continues

Courses

Bitirme Projesi I, Undergraduate, 2020 - 2021
Methods in Molecular Biology I, Undergraduate, 2020 - 2021
Biyoteknoloji Girişimciliği, Postgraduate, 2020 - 2021
STRESS RESPONSE MECHANISMS IN PLANTS, Postgraduate, 2020 - 2021
BİTKİLERDE EPİGENETİK HAFIZA, Doctorate, 2020 - 2021

Advising Theses

Turgut Kara N., Ayçiçeği mildiyözü hastalığının tespiti için ilmiğe dayalı izotermal çoğaltma yönteminin optimizasyonu, Postgraduate, O.YENİ(Student), 2024
Turgut Kara N., Arabidopsis thaliana mutantlarında telomer/telomeraz sistemi ile ilişkili gen anlatımı değişimlerinin incelenmesi, Postgraduate, Z.BEGÜM(Student), 2023
Turgut Kara N., Arabidopsis'te tuz stresi hafızası ile ilişkili epigenetikmekanizmalar, Doctorate, B.ARIKAN(Student), 2023
Turgut Kara N., In vitro olarak yetiştirilen Aloe vera L. kullanılarak gümüş nanopartiküllerin yeşil sentezi, Postgraduate, D.GÜL(Student), 2023
Turgut Kara N., Doğal renkli pamuk (Gossypium hirsutum L.) üzerinde biyoteknolojik çalışmalar, Postgraduate, O.AYDIN(Student), 2023
Turgut Kara N., Arabidopsis thaliana' DA SİLİKONUN UV-B STRESİ ÜZERİNE HAFİFLETİCİ ETKİSİNİN ARAŞTIRILMASI, Postgraduate, T.CELAYİR(Student), 2022
Turgut Kara N., Arabidopsis thaliana EPİGENETİK MUTANLARINDA TUZ STRESİNİN DNA METİLYASYONU ÜZERİNDEKİ ETKİLERİNİN İNCELENMESİ, Postgraduate, Y.Vecide(Student), 2021
Turgut Kara N., BAKLAGİLLERDE F-BOX/WD40 GENLERİNİN ANLATIM ANALİZLERİ, Postgraduate, H.Çelik(Student), 2021
Turgut Kara N., SİKLOASTRAGENOL'ÜN Arabidopsis thaliana'DA TELOMER/TELOMERAZ SİSTEMİ ÜZERİNE ETKİLERİ, Postgraduate, R.Merve(Student), 2019

Turgut Kara N., ÇEMEN OTU (*Trigonella foenum-graecum* L.) DOKULARINDA CYP450 GEN ANLATIMI VE DİOSGENİN ÜRETİMİ ARASINDAKİ İLİŞKİNİN SAPTANMASI , Postgraduate, B.Ahmet(Student), 2019
TURGUT KARA N., BİTKİ HASTALIĞI TESPİTİ İÇİN İLMİĞE DAYALI İZOTERMAL ÇOĞALTMA YÖNTEMİNİN OPTİMİZASYONU, Postgraduate, H.Saçcan(Student), 2018
TURGUT KARA N., *Arabidopsis thaliana*'da Abiyotik Stres Koşullarında Genomik DNA Metilasyonu Analizleri, Postgraduate, B.Arıkan(Student), 2016

Jury Memberships

Post Graduate, Post Graduate, Trakya Üniversitesi, July, 2023
Award, Üstün Başarılı Genç Bilim İnsanı Ödülleri Programı (TÜBA-GEBİP) Aday Değerlendirme Hakemliği, İstanbul University, May, 2023
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İstanbul Yeni Yüzyıl Üniversitesi, April, 2023
Doctorate, Doctorate, İstanbul Üniversitesi, January, 2023
Post Graduate, Post Graduate, Trakya Üniversitesi, January, 2023
Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2022
Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2022
Post Graduate, Post Graduate, İstanbul Üniversitesi, October, 2022
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, June, 2022
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, June, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bahçeşehir Üniversitesi, May, 2022
Doctorate, Doctorate, İstanbul Üniversitesi, February, 2022
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Sağlık Bilimleri Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, June, 2021
Post Graduate, Post Graduate, Trakya Üniversitesi, February, 2021
Doctorate, Doctorate, Yıldız Teknik Üniversitesi, February, 2021
Post Graduate, Post Graduate, İstanbul Üniversitesi, January, 2021
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, January, 2021
Post Graduate, Post Graduate, İstanbul Üniversitesi, January, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, December, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, October, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, February, 2020
Post Graduate, Post Graduate, İstanbul Üniversitesi, January, 2020
Post Graduate, Post Graduate, İstanbul Üniversitesi, October, 2019
Post Graduate, Post Graduate, İstanbul Üniversitesi, July, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, October, 2018
Post Graduate, Yüksek Lisans, İstanbul Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, June, 2018
Post Graduate, Yüksek Lisans, İstanbul Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, June, 2018
Post Graduate, Yüksek Lisans, İstanbul Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, December, 2016
Doctorate, Doktora, İstanbul Üniversitesi Fen Fakültesi Moleküler Biyoloji ve Genetik Bölümü, April, 2016
Post Graduate, Yüksek Lisans, İstanbul Bilim Üniversitesi , October, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparative analysis of commercial qPCR master mixes for reliable plant telomere length measurement by monochrome multiplex qPCR**
Şen Z. B., TURGUT KARA N.
Journal of Plant Biochemistry and Biotechnology, vol.33, no.1, pp.92-96, 2024 (SCI-Expanded)
- II. **Role of Silicon in Mediating Salt Stress Responses in Arabidopsis Methylation Mutants**
Yeşildirek Y. V., ARIKAN B., Çelik H., Premkumar A., ÖZDEN S., TURGUT KARA N.
Journal of Soil Science and Plant Nutrition, 2024 (SCI-Expanded)
- III. **Bioinformatics and gene expression analysis of the legume F-box/WD40 proteins in NaCl and high temperature stress**
Çelik H., Aravena Duarte A. O., Turgut Kara N.
Genetic Resources and Crop Evolution, vol.70, no.8, pp.2637-2655, 2023 (SCI-Expanded)
- IV. **Molecular Effects of Silicon on Arabidopsis thaliana Seedlings under UV-B Stress.**
Celayir T., Yeni O., Yeşildirek Y. V., Arıkan B., Turgut Kara N.
Photochemistry and photobiology, vol.99, no.6, pp.1393-1399, 2023 (SCI-Expanded)
- V. **Transcriptomic analysis of salt stress induced chlorophyll biosynthesis-related genes in photoheterotrophic Arabidopsis thaliana calli**
Çelik H., Arıkan B., Kara N., Uçarlı C., Çakır Ö.
FUNCTIONAL & INTEGRATIVE GENOMICS, vol.23, no.2, 2023 (SCI-Expanded)
- VI. **Analysis of microRNAs in response to cycloastragenol by small RNA sequencing in Arabidopsis thaliana**
Mhiri W., Turgut Kara N., Nalbantoğlu B., Çakır Ö.
Plant Biotechnology Reports, vol.17, no.2, pp.213-228, 2023 (SCI-Expanded)
- VII. **Epigenetic changes of Arabidopsis MET1 cytosine methyltransferase mutants under salt stress**
Yeşildirek Y. V., Arıkan B., Turgut Kara N.
Plant Biosystems, vol.157, no.3, pp.507-515, 2023 (SCI-Expanded)
- VIII. **Synthesis and characterization of amino functional poly(acrylamide) coated Fe₃O₄ nanoparticles and investigation of their potential usage in DNA isolation**
Yıldırım E., Arıkan B., Yücel O., Çakır Ö., Turgut Kara N., İyim T. B., Gürdağ G., Emik S.
CHEMICAL PAPERS, vol.76, pp.5747-5759, 2022 (SCI-Expanded)
- IX. **Diosgenin production in Trigonella foenum-graecum (Fenugreek) cell cultures in response to yeast extract elicitation**
İlgar B. A., ÖZDEN S., ÇEPNİ YÜZBAŞIOĞLU F. E., TURGUT KARA N.
Plant Cell, Tissue and Organ Culture, vol.146, pp.21-27, 2021 (SCI-Expanded)
- X. **Assessing the influence of cycloastragenol on telomere/telomerase system of Arabidopsis thaliana**
Ceylan M., KINA Ü. Y., Cakir O., Kara N. T.
PLANT CELL TISSUE AND ORGAN CULTURE, vol.146, pp.83-95, 2021 (SCI-Expanded)
- XI. **Arabidopsis thaliana GTS1 transcripts are activated by yeast extract**
ARIKAN B., Semerci A., ÇAKIR Ö., Kara N. T.
BOTANICA SERBICA, vol.45, no.2, pp.195-201, 2021 (SCI-Expanded)
- XII. **Expression analysis of miRNAs and their targets related to salt stress in Solanum lycopersicum H-2274**
ÇAKIR Ö., ARIKAN B., Karpuz B., Turgut-Kara N.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.35, no.1, pp.283-290, 2021 (SCI-Expanded)
- XIII. **Transcriptomic analysis reveals responses to Cycloastragenol in Arabidopsis thaliana.**
Mhiri W., Ceylan M., Turgut-Kara N., Nalbantoğlu B., Çakır Ö.

PloS one, vol.15, 2020 (SCI-Expanded)

- XIV. **Epigenetic memory and priming in plants.**
Turgut-Kara N., Arikan B., Celik H.
Genetica, vol.148, pp.47-54, 2020 (SCI-Expanded)
- XV. **Detection of Potato ring rot Pathogen *Clavibacter michiganensis* subsp. *sepedonicus* by Loop-mediated isothermal amplification (LAMP) assay**
Sagcan H., Kara N. T.
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
- XVI. **Genetic, Morphological, and Biochemical Diversity of Argan Tree (*Argania spinosa* L.) (Sapotaceae) in Tunisia.**
Louati M., Ucarli C., Arikan B., Ghada B., Hannachi A. S., Turgut-Kara N.
Plants (Basel, Switzerland), vol.8, 2019 (SCI-Expanded)
- XVII. **Nutritional and health benefits of legumes and their distinctive genomic properties**
Çakır Ö., Uçarlı C., Tarhan Ç., Pekmez M., Turgut Kara N.
Ciencia E Tecnologia De Alimentos, vol.39, no.1, pp.1-12, 2019 (SCI-Expanded)
- XVIII. **IDENTIFICATION AND PRODUCTION OF PHENOLIC NICOTIFLORIN IN ASTRAGALUS CHRYSOCHLORUS CALLUS**
Turgut-Kara N., Cakir Ö., Hasancebi S., Karabey F., Ari S.
FARMACIA, vol.66, no.3, pp.558-562, 2018 (SCI-Expanded)
- XIX. **DNA methylation related gene expression and morphophysiological response to abiotic stresses in *Arabidopsis thaliana***
Arikan B., Ozden S., Turgut-Kara N.
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.149, pp.17-26, 2018 (SCI-Expanded)
- XX. **Molecular cloning and biotic elicitation response of phenylalanine ammonia-lyase gene of *Astragalus chrysochlorus*.**
Turgut-Kara N., Cakir O., Arikan B., Ari S.
Cellular and molecular biology (Noisy-le-Grand, France), vol.64, no.5, pp.102-106, 2018 (SCI-Expanded)
- XXI. **The *AtMYB12* activation domain maps to a short C-terminal region of the transcription factor**
Stracke R., Turgut-Kara N., Weisshaar B.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.72, pp.251-257, 2017 (SCI-Expanded)
- XXII. **Selenium induced selenocysteine methyltransferase gene expression and antioxidant enzyme activities in *Astragalus chrysochlorus***
Cakir O., Turgut-Kara N., Ari S.
ACTA BOTANICA CROATICA, vol.75, no.1, pp.11-16, 2016 (SCI-Expanded)
- XXIII. **Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure**
Ozden S., Kara N. T., SEZERMAN O. U., Durasi I. M., Chen T., Demirel G., Alpertunga B., Chipman J. K., MALLY A.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.289, no.2, pp.203-212, 2015 (SCI-Expanded)
- XXIV. **De Novo Transcriptome Assembly and Comparative Analysis Elucidate Complicated Mechanism Regulating *Astragalus chrysochlorus* Response to Selenium Stimuli**
Cakir O., Turgut-Kara N., Ari S., Zhang B.
PLOS ONE, vol.10, no.10, 2015 (SCI-Expanded)
- XXV. **Effects of long-term culture of *Astragalus chrysochlorus* callus on morphology, genetic structure, gene expression and metabolism**
Turgut-Kara N., Kahraman B. U.
PLANT BIOSYSTEMS, vol.149, no.2, pp.329-336, 2015 (SCI-Expanded)
- XXVI. **Detection of genetically modified organisms in soy products sold in Turkish market**
Mandaci M., Cakir O., Turgut-Kara N., Meric S., Ari Ş.
FOOD SCIENCE AND TECHNOLOGY, vol.34, no.4, pp.717-722, 2014 (SCI-Expanded)
- XXVII. **Detection of genetically modified maize and soybean in feed samples**

- Meric S., Cakir O., Turgut-Kara N., Ari S.
GENETICS AND MOLECULAR RESEARCH, vol.13, no.1, pp.1160-1168, 2014 (SCI-Expanded)
- XXVIII. **Selenium Metabolism in Plants: Molecular Approaches**
Cakir O., Turgut-Kara N., Ari S.
ADVANCES IN SELECTED PLANT PHYSIOLOGY ASPECTS, pp.209-232, 2012 (SCI-Expanded)
- XXIX. **Analysis of elicitor inducible cytochrome P450 induction in Astragalus chrysochlorus cells**
Turgut-Kara N., Ari S.
PLANT OMICS, vol.4, no.5, pp.264-269, 2011 (SCI-Expanded)
- XXX. **Micropropagation and root culture of Turkish endemic Astragalus chrysochlorus (Leguminosae)**
Hasancebi S., Kara N. T., Cakir O., Ari Ş.
TURKISH JOURNAL OF BOTANY, vol.35, no.2, pp.203-210, 2011 (SCI-Expanded)
- XXXI. **Selenium tolerance in Astragalus chrysochlorus: identification of a cDNA fragment encoding a putative Selenocysteine methyltransferase**
Ari S., Cakir O., Turgut-Kara N.
ACTA PHYSIOLOGIAE PLANTARUM, vol.32, no.6, pp.1085-1092, 2010 (SCI-Expanded)
- XXXII. **The optimization of voltage parameter for tissue electroporation in somatic embryos of Astragalus chrysochlorus (Leguminosae)**
Turgut-Kara N., Ari S.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.9, no.29, pp.4584-4588, 2010 (SCI-Expanded)
- XXXIII. **In vitro plant regeneration from embryogenic cell suspension culture of Astragalus chrysochlorus (Leguminosae)**
Turgut-Kara N., Ari u.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.7, no.9, pp.1250-1255, 2008 (SCI-Expanded)
- XXXIV. **Cytotoxic activity of crude extracts from Astragalus chrysochlorus (Leguminosae)**
Karagoz A., Turgut-Kara N., Cakir O., Demirgan R., Ari S.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.21, no.2, pp.220-222, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Palmiye yağı ve kanser gerçeği**
Ertan H., Arı Ş., Günaydın K., Karagöz A., Turgut Kara N., Ay M., Tarhan Ç.
Herkes Bilim Teknoloji, vol.47, pp.6-7, 2017 (Non Peer-Reviewed Journal)
- II. **Nasıl azaltırız ve kendimizi koruruz? Gıdalardaki sinsi tehlike: Akrilamid**
Ertan H., Arı Ş., Karagöz A., Turgut Kara N., Ay M.
Herkes Bilim Teknoloji, vol.55, pp.8-9, 2017 (Non Peer-Reviewed Journal)
- III. **Molecular cloning of cDNA encoding WD40 repeat sequences from Legume Species**
Arıkan B., ÇAKIR Ö., TURGUT KARA N.
Journal of Molecular Biology and Genetics, vol.1, no.1, pp.27-32, 2016 (Peer-Reviewed Journal)
- IV. **Comparative phylogenetic analysis of phenylpropanoid metabolism genes of legume plants**
TURGUT KARA N., ÇAKIR Ö.
PLANT OMICS, vol.8, no.1, pp.55-61, 2015 (Scopus)
- V. **Effects of Geven root extract on proliferation of HeLa cells and bcl-2 gene expressions**
Özcan Arıcan G., Çakır Ö., Arıcan E., Turgut Kara N., Dağdeviren Ö., Arı Ş., Kara N. T.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.11, no.18, pp.4296-4304, 2012 (Peer-Reviewed Journal)
- VI. **Micropropagation of Astragalus Maximus Willd**
Turgut Kara N., Arı Ş.
Biotechnology & Biotechnological Equipment, vol.20, no.1, pp.20-22, 2006 (Scopus)

Books & Book Chapters

- I. **Temel ve İleri Moleküler Biyoloji Yöntemleri Genomik ve Proteomik Analizler**
Turgut Kara N.
in: Temel ve İleri Moleküler Biyoloji Yöntemleri Genomik ve Proteomik Analizler, Prof.Dr. Güler Temizkan, Prof.Dr. E. Şeküre Nazlı Arda, Editor, Nobel Yayın Dağıtım, İstanbul, pp.371-378, 2018
- II. **Epigenetics and Applications in Plants**
TARHAN Ç., TURGUT KARA N.
in: Plant Omics: Trends and Applications, Hakeem, Khalid Rehman, Tombuloglu, Huseyin, Tombuloğlu, Güzin, Editor, Springer International Publishing, Zürich, pp.255-270, 2016
- III. **Selenium Metabolism in Plants: Molecular Approaches**
ÇAKIR Ö., Turgut Kara N., ARI Ş.
in: Advances in Selected Plant Physiology Aspects, Montanaro G., Dichio B., Editor, Open Access Publisher, Rijeka, pp.209-232, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Detection of the sunflower pathogen *Plasmopara halstedii* by loop-mediated isothermal amplification**
Yeni O., Şen M., Hasançebi S., Turgut Kara N.
2nd International Molecular Plant Protection Congress, Bursa, Turkey, 15 - 18 May 2023, vol.1, no.1, pp.122
- II. **DNA Safe: A New Natural Way Of DNA Damage Protection**
Çelik H., Turgut Kara N.
12th International Cosmetic Chemistry, Production and Standardization Congress, Antalya, Turkey, 18 - 20 February 2022, pp.1-2
- III. **INVESTIGATION OF THE EFFECTS OF SALT STRESS ON DNA METHYLATION IN *Arabidopsis thaliana* EPIGENETIC MUTANTS**
Yeşildirek Y. V., Arıkan B., Turgut Kara N.
EMBO Workshop International plant systems biology, 26 - 27 April 2021, vol.1, no.1, pp.144
- IV. **Expression analysis of F-box/WD40 genes in legumes**
Çelik H., Aravena Duarte A. O., Turgut Kara N.
Friend or Foe: Transcription and RNA Meet DNA Replication and Repair, EMBO-EMBL Symposium, 9 - 12 March 2021, pp.1-111
- V. **miRNA Expression Analysis Under Salt Stress in H2274 *Solanum lycopersicum***
Arıkan B., Karpuz B., Turgut Kara N., Çakır Ö.
2nd International conference on Plant and Molecular Biology (PMB 2019) , Amsterdam, Netherlands, 23 - 25 October 2019, pp.68
- VI. **Kozmetik Hammadde olarak Probiyotikler**
TURGUT KARA N.
9. Kozmetik Kongresi, Antalya, Turkey, 23 February 2019, pp.24
- VII. **Does GTS1 has an important role under stress conditions in *Arabidopsis*?**
Arıkan B., Semerci A., Ceylan R. M., Çakır Ö., Turgut Kara N.
International Conference on Plant, Cellular and Molecular Biology, Valencia, Spain, 18 - 20 February 2019, pp.28
- VIII. **A mutation screening and genotyping by high-resolution melting (HRM) to detect delta-6-desaturase (D-6-D) variants in *Argania spinosa*,**
Louati M., UÇARLI C., ARIKAN B., Hannach, A. S., Tetlow I., TURGUT KARA N.
2018 Eastern Regional Meeting, London, Canada, 24 November 2018, pp.32
- IX. **miRNA expression and salt stress relation in H2274 *Solanum lycopersicum***
Arıkan B., Karpuz B., Isin S., Turgut Kara N., Çakır Ö.
international eurasian conference on biological and chemical sciences (eurasianbiochem 2018), Ankara, Turkey,

26 - 27 April 2018, pp.760

- X. **Arabidopsis thaliana'da Abiyotik Stres Koşullarında DNA Metilasyonu Analizleri**
Arıkan B., Özden S., Turgut Kara N.
6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Adana, Turkey, 5 - 07 October 2017, pp.53
- XI. **Abiotic stress responsive epigenetic changes in Arabidopsis thaliana**
Arıkan B., TURGUT KARA N., ÖZDEN S.
International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 8 - 10 September 2017, pp.1
- XII. **Abiotic Stress Responsive Epigenetic Changes in Arabidopsis thaliana**
Arıkan B., Özden S., Turgut Kara N.
5th International Congress of The Molecular Biology Association of Turkey: Istanbul, İstanbul, Turkey, 8 - 10 September 2017, pp.194
- XIII. **Determination of Total Antioxidant Activity and Flavonoid Content of Aubrieta ekimii**
ARIKAN B., Ceylan R. M., YÜZBAŞIOĞLU İ. S., TURGUT KARA N.
I. International Congress on Medicinal and Aromatic Plants "Natural and Healthy Life", Konya, Turkey, 10 - 12 May 2017, pp.1468
- XIV. **Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure**
ÖZDEN S., TURGUT KARA N., SEZERMAN O. U., DURASI I. M., Chen T., Demirel G., ALPERTUNGA B., CHIPMAN J. K., MALLY A.
55th SOT Annual Meeting and ToxExpo, Phonix, United States Of America, 13 - 17 March 2016, pp.1
- XV. **Bioactive properties of Turkish Endemic Astragalus chrysochlorus**
ARI Ş., Hasançebi S., TURGUT KARA N., ÇAKIR Ö.
Drug Discovery and Therapy World Congress 2015, Boston, United States Of America, 22 - 25 July 2015, vol.1, no.1, pp.45
- XVI. **Transcriptomic analysis on Endemic Astragalus chrysochlorus Calli in Response to Selenium Treatment**
ÇAKIR Ö., Turgut Kara N., ARI Ş.
Genom Varyasyonları: Uygulama ve Veri Analizleri Sempozyumu Uluslararası katılımlı., İstanbul, Turkey, 15 - 16 September 2014, pp.17
- XVII. **Comparative phylogenetic analysis of phenylpropanoid metabolism genes of legume plants**
KARA N. T.
Plant Genome Evolution 2013, Amsterdam, Netherlands, 8 - 10 September 2013, pp.1
- XVIII. **Genome-wide methylation profiling in rat tissues for non-genotoxic carcinogens using MeDIP-Chip.**
Özden S., KARA N., Chen T., ALPERTUNGA B., Chipman K., Mally A.
Society of Toxicology 52th Annual Meeting and ToxExpo 2013., United States Of America, 1 - 04 March 2013, pp.1
- XIX. **Analysis of two phenylpropanoid genes in Astragalus chrysochlorus**
Kara N. T., Cakir O., Ari S.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22
- XX. **Promoter DNA methylation profile as an early event in non-genotoxic carcinogenesis**
Ozden S., Kara N. T., Karakus G., Chen T., Alpertunga B., Dekant W., Chipman J. K., Mally A.
47th Congress of the European-Societies-of-Toxicology, Paris, France, 28 - 31 August 2011, vol.205
- XXI. **Astragalus chrysochlorus'da Hedeflenmiş Farklılık Gösterimi Tekniği Kullanılarak Elisitörle İndüklenmiş Sitokrom P450'lerin Belirlenmesi**
Turgut Kara N., ARI Ş., KARA N. T.
XVI. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 1 - 04 December 2009, pp.140-143
- XXII. **Geven (Astragalus chrysochlorus) kök ekstresinin apoptoz etkisinin moleküler düzeyde araştırılması**
Özcan Arıcan G., ÇAKIR Ö., ARICAN E., Turgut Kara N., dağdeviren Ö., ARI Ş., KARA N. T.
XI: Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 1 - 04 October 2009, pp.172
- XXIII. **Astragalus chrysochlorus'da Selenosistein Metil Transferaz Geninin Moleküler Analizi**
ARI Ş., Turgut Kara N., ÇAKIR Ö., Şenol N. Ö., KARA N. T.

- XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 1 - 04 October 2007, pp.115-117
- XXIV. **Astragalus chrysochlorus'a süspansiyon kültürlerinde maya özütünün hücre canlılığı üzerindeki etkisi**
ÇAKIR Ö., Turgut Kara N., ARI Ş., KARA N. T.
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 1 - 04 October 2007, pp.17
- XXV. **Selenium accumulation in Astragalus chrysochlorus**
Ari S., Senol N. O., Cakir O., Kara N. T.
13th European Congress on Biotechnology (ECB 13), Barcelona, Spain, 16 - 19 September 2007, vol.131
- XXVI. **Endemik Astragalus chrysochlorus'da biyoteknolojik çalışmalar**
Ari Ş., Turgut Kara N., Çakır Ö., Hasaıçebi S., Şenol N. Ö.
Biyoteknoloji Yüzyılı ve Türkiye Kongresi, İstanbul, Turkey, 3 - 04 June 2006, pp.26
- XXVII. **Endemik Astragalus chrysochlorus'da biyoteknolojik çalışmalar**
ARI Ş., Turgut Kara N., ÇAKIR Ö., Hasaıçebi S., Şenol N. Ö.
Biyoteknoloji Yüzyılı ve Türkiye Kongresi, İstanbul, Turkey, 1 - 04 June 2006, pp.26
- XXVIII. **Identification of elicitor-induced plant cytochrome P450s using differential display of mRNA**
Turgut-Kara N., Ari S.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.317
- XXIX. **Cytotoxic activity of crude extracts from Astragalus chrysochlorus**
ARI Ş., Karagöz A., Turgut Kara N., ÇAKIR Ö., KARA N. T.
IV Balkan Botanical Congress, Bulgaria, 1 - 04 June 2006, pp.280
- XXX. **Identification of elicitor-induced plant cytochrome P450s using differential display of mRNA**
Turgut Kara N., ARI Ş.
31th FEBS Congress Molecules in Health & Disease, Turkey, 1 - 04 June 2006, vol.273, no.1, pp.317
- XXXI. **Astragalus chrysochlorus'a elektroporasyon yoluyla gen aktarımının optimizasyonu**
Turgut Kara N., ARI Ş., KARA N. T.
XIV. Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 04 August 2005, pp.561
- XXXII. **Astragalus chrysochlorus'a elektroporasyon yoluyla gen aktarımı çalışmaları**
Turgut Kara N., Şahin Hasaıçebi S., ÇAKIR Ö., ARI Ş., KARA N. T.
XIII. Biyoteknoloji Kongresi, Çanakkale, Turkey, 1 - 04 August 2003, pp.102
- XXXIII. **Kültürleme koşullarının Astragalus chrysochlorus hücre süspansiyon kültürleri üzerindeki etkileri**
ÇAKIR Ö., Turgut Kara N., Şahin Hasaıçebi S., ARI Ş., KARA N. T.
XIII. Biyoteknoloji Kongresi, Çanakkale, Turkey, 1 - 04 August 2003, pp.88
- XXXIV. **Astragalus chrysochlorus'da saçak kök kültürlerinin kurulması**
Hasaıçebi S., ÇAKIR Ö., Turgut Kara N., ARI Ş., KARA N. T.
XIII. Biyoteknoloji Kongresi, Çanakkale, Turkey, 1 - 04 August 2003, pp.89
- XXXV. **Astragalus türlerinde somatik embriyogenez**
Turgut Kara N., ARI Ş., KARA N. T.
XVI.Ulusal Biyoloji Kongresi, Malatya, Turkey, 1 - 04 September 2002, pp.136
- XXXVI. **Isırgan (Urtica pilulifera)'da doku kültürü ve Agrobacterium rhizogenes ile transformasyon çalışmaları**
Akalin B., Şenol N. Ö., Turgut Kara N., Şahin Hasaıçebi S., ARI Ş., KARA N. T.
XVI.Ulusal Biyoloji Kongresi, Malatya, Turkey, 1 - 04 September 2002, pp.170
- XXXVII. **Astragalus chrysochlorus doku kültürlerinde somatik embriyogenez yolu ile rejenerasyon çalışmaları**
Turgut Kara N., ARI Ş., KARA N. T.
XII. Biyoteknoloji Kongresi, Balıkesir, Turkey, 1 - 04 September 2001, pp.101
- XXXVIII. **Optimization of Tissue Culture Conditions and Phenolic Compounds of Astragalus chrysochlorus**
ARI Ş., ARDA E. Ş. N., Şahin Hasaıçebi S., Turgut Kara N., Celebçiođlu D., KARA N. T.
Biotechnology 2000, The World Congress on Biotechnology, International Biotechnology Symposium and Exhibition. Abstracts of Section, Germany, 1 - 04 September 2000, vol.IV V VI, no.3, pp.154-155
- XXXIX. **Optimization of Tissue Culture Conditions of Turkish Endemic Astragalus chrysochlorus**

Other Publications

- I. **Nasıl azaltırız ve kendimizi koruruz? Gıdalardaki sinsi tehlike: Akrilamid**
Ertan H., ARI Ş., TURGUT KARA N., Ay M., Karagöz A.
Technical Report, pp.8-9, 2017
- II. **Palmiye yağı ve kanser gerçeği**
Ertan H., ARI Ş., GÜNAYDIN K., Karagöz A., TURGUT KARA N., Ay M., Tarhan Ç.
Technical Report, pp.6-7, 2017
- III. **Biyoteknolojik ürünlerin alerjik özellikleri**
KARA N. T.
Other, pp.49, 2008

Supported Projects

- Turgut Kara N., KOSGEB, Dizileme Çalışmalarında Kullanılmak Üzere Ekso-Sap Enzim Karışımının Geliştirilmesi, 2022 - 2024
- Turgut Kara N., Technopark, Aloe vera L. Sekonder Metabolitlerinin Biyoteknolojik Üretimi, 2022 - 2024
- TURGUT KARA N., DEMİRÇELİK F., AZMAN Ö. D., Project Supported by Higher Education Institutions, Aronia melanocarpa ve Sambucus nigra Meyvelerinin Bazı Biyolojik Aktivitelerinin Karşılaştırmalı Olarak Araştırılması, 2022 - 2023
- TURGUT KARA N., AYDIN O., Project Supported by Higher Education Institutions, Doğal Renkli Pamuk (Gossypium hirsutum L.) Üzerinde Biyoteknolojik Çalışmalar, 2021 - 2023
- ÇAKIR Ö., TURGUT KARA N., ARIKAN B., Project Supported by Higher Education Institutions, Arabidopsis thaliana Tuz Stresi Hafızasına İlişkin Transkriptomik Analizler, 2021 - 2023
- ÖZHAN G., ULUTAŞ D., KURUOĞLU F., SOLAKOĞLU S., AKÇAALAN ALBAY R., CEVHER E., GÜL A., BAYKAL B., GAZİOĞLU C., DÖNMEZ Ö., et al., Project Supported by Higher Education Institutions, İstanbul Üniversitesi Araştırma Laboratuvarlarının Sürekliliği ve Geliştirilmesi, 2021 - 2023
- TURGUT KARA N., ARIKAN B., Project Supported by Higher Education Institutions, Arabidopsiste Tuz Stresi Hafızası ile İlişkili Epigenetik Mekanizmalar, 2019 - 2023
- Turgut Kara N., Project Supported by Other Official Institutions, Aloe vera L.'nin Mikroçoğaltımı, 2020 - 2022
- TURGUT KARA N., YEŞİLDİREK Y. V., Project Supported by Higher Education Institutions, Arabidopsis thaliana Epigenetik Mutantlarında Tuz Stresinin DNA Metilasyonu Üzerindeki Etkinin İncelenmesi, 2020 - 2021
- TURGUT KARA N., ÇELİK H., Project Supported by Higher Education Institutions, Baklagillerde F-Box/WD40 Genlerinin Anlatım Analizleri, 2020 - 2021
- TURGUT KARA N., BAYRAK A. M., ŞEN Z. B., AYDIN O., Project Supported by Higher Education Institutions, Bazı Fitokimyasalların Arabidopsis thaliana TERT Anlatımı Üzerine Etkileri, 2019 - 2021
- TURGUT KARA N., ARIKAN B., ALBERT P., ÇELİK H., ÖZDEN S., Project Supported by Higher Education Institutions, Bitki DNA Metilasyonu Üzerine Silisyumun Etkilerinin İncelenmesi, 2019 - 2021
- İŞLER S., TURGUT KARA N., MUTLU S., Project Supported by Higher Education Institutions, İstanbul Üniversitesi Araştırma Laboratuvarları Sürekliliği Araştırma Desteği, 2018 - 2021
- ÇAKIR Ö., KARPUZ B., ARIKAN B., TURGUT KARA N., Project Supported by Higher Education Institutions, Domateste Tuz Stresi İle İlişkili mikroRNaların ve Hedef Genlerinin Anlatım Analizi, 2018 - 2020
- TURGUT KARA N., ÇELİK B., Project Supported by Higher Education Institutions, Trigonella foenum graecum'da Sikloartenal Sentaz Genin Anlatımı, 2018 - 2019
- TURGUT KARA N., İLGAR B. A., Project Supported by Higher Education Institutions, Çemen Otu (Trigonella foenum-graceum) Dokularında CYP450 Gen Anlatımı ve Diosgenin Üretimi Arasındaki İlişkinin Saptanması, 2018 - 2019

Turgut Kara N., Technopark, Kozmetik Formüllerde Kullanmak Üzere Antioksidan Özellikli Bitki Ekstre Karışımlarının Geliştirilmesi, 2018 - 2019

ÇEPNİ YÜZBAŞIOĞLU F. E., YÜZBAŞIOĞLU İ. S., TURGUT KARA N., ÇAKIR Ö., PEKMEZ M., ARIKAN B., CEYLAN R. M., Project Supported by Higher Education Institutions, Aubrieta ekimiinin Çeşitli Biyolojik Aktivitelerinin Araştırılması, 2017 - 2019

TURGUT KARA N., Project Supported by Higher Education Institutions, The AtMYB12 activation domain maps to a short Cterminal region of the transcription factor, 2017 - 2018

TURGUT KARA N., SAĞCAN H., Project Supported by Higher Education Institutions, Bitki Hastalığı Tespiti için İlimiğe Dayalı İzotermal Çoğaltma Yönteminin Optimizasyonu, 2017 - 2018

Turgut Kara N., Project Supported by Other Private Institutions, Defne (*Laurus nobilis*) Kök Hücrelerinden Kozmetik Aktif Bileşiklerin Eldesi, 2017 - 2018

ÇAKIR Ö., TURGUT KARA N., ARI Ş., Project Supported by Higher Education Institutions, Selenium Induced Selenocysteine Methyltransferase Gene Expression And Antioxidant Enzyme Activities In *Astragalus chrysochlorus*, 2017 - 2017

TURGUT KARA N., TARHAN Ç., Project Supported by Higher Education Institutions, Epigenetics and Applications in Plants, 2016 - 2017

TURGUT KARA N., ÇAKIR Ö., Project Supported by Higher Education Institutions, Baklagil bitkilerinde fenilpropanoid metabolizmasını moleküler olarak test etmek için kullanılacak tek aşamalı kit, 2016 - 2017

TURGUT KARA N., ARIKAN B., Project Supported by Higher Education Institutions, *Arabidopsis thaliana*'da Abiyotik Stres Koşullarında Genomik DNA Metilasyonu Analizleri, 2015 - 2017

TURGUT KARA N., Project Supported by Other Official Institutions, Kefir Mayası İçeren Fonksiyonel Kozmetik Ürünlerin Üretimi, 2015 - 2016

TURGUT KARA N., Project Supported by Higher Education Institutions, Comparative phylogenetic analysis of phenylpropanoid metabolism genes of legume plants, 2015 - 2016

TURGUT KARA N., ÇAKIR Ö., ARI Ş., Project Supported by Higher Education Institutions, Doğal ve in vitro koşullarda üretilen *A. chrysochlorus* bitkisel materyallerinde Fenolik Madde İçeriklerinin Tanımlanması, Karşılaştırılması ve Miktarlarının Belirlenmesine Yönelik Analizler, 2014 - 2016

ARDA E. Ş. N., UÇARLI C., ARICAN E., ALBAYRAK G., GÜREL A. F., ARI Ş., ÇAKIR Ö., TEMEL A., PEKMEZ M., TARHAN Ç., et al., Project Supported by Higher Education Institutions, MOLEKÜLER BİYOTEKNOLOJİ LABORATUVARININ KURULMASI, 2013 - 2016

TURGUT KARA N., Project Supported by Higher Education Institutions, Baklagil (*Leguminosae*) Bitkilerinin Fenilpropanoid Metabolizmasına ait Genlerin Karşılaştırmalı Filogenetik Analizleri ve Gen Anlatımının Seri Analizine Yönelik Süreç Geliştirilmesi, 2013 - 2015

TURGUT KARA N., Project Supported by Higher Education Institutions, Effects of long-term culture of *Astragalus chrysochlorus* callus on morphology, genetic structure, gene expression and metabolism, 2013 - 2015

TURGUT KARA N., TUBITAK Project, Bitki Örneklerinde Kullanılmak Üzere Doğrudan PZR Solüsyonu Geliştirilmesi Ve Gerçek Zamanlı (Real Time) PZR Kiti Formunda Tasarımı-Üretimi, 2013 - 2015

TURGUT KARA N., Project Supported by Higher Education Institutions, Comparative phylogenetic analysis of phenylpropanoid metabolism genes of legume plants, 2013 - 2013

TURGUT KARA N., Project Supported by Higher Education Institutions, Analysis of elicitor inducible cytochrome P450 induction in *Astragalus chrysochlorus* cells, 2012 - 2013

TURGUT KARA N., Project Supported by Higher Education Institutions, *Astragalus chrysochlorus*'ta Fenilalanin amonyakliya (PAL) ve Sinamat 4-hidroksilaz (C4H) genlerine ilişkin genetik analizler, 2009 - 2013

TURGUT KARA N., Project Supported by Other Official Institutions, GDO Analizi için Doğrudan PCR Tekniği Geliştirilmesi ve Kit Formunda Tasarım-Üretimi, 2011 - 2012

TURGUT KARA N., Project Supported by Higher Education Institutions, Selenium tolerance in *Astragalus chrysochlorus*: identification of a cDNA fragment encoding a putative Selenocysteine methyltransferase, 2010 - 2012

TURGUT KARA N., Other International Funding Programs, Functional analysis of transcription factors regulating flavonoid biosynthesis in the model plant *Arabidopsis thaliana*, Bielefeld University, Chair of Genome Research Project, 2010 - 2012

TURGUT KARA N., Project Supported by Higher Education Institutions, Analysis of two phenylpropanoid genes in *Astragalus chrysochlorus*, 2011 - 2011

ÖZDEN S., TURGUT KARA N., TUBITAK Project, Non-Genotoksik Karsinogenin Erken Tanınmasında DNA

Metilasyonundaki Değişikliklerin Rolü, 2009 - 2011

Arı Ş., Turgut Kara N., Çakır Ö., Project Supported by Higher Education Institutions, "Astragalus chrysochlorus'da Selonosistein Metiltransferaz Geninin Moleküler Analizi" , 2007 - 2009

Arı Ş., Turgut Kara N., Çakır Ö., Project Supported by Higher Education Institutions, Astragalus chrysochlorus'da Selenosistein Metiltransferaz Geninin Moleküler , 2006 - 2008

Arı Ş., Turgut Kara N., Project Supported by Higher Education Institutions, Astragalus chrysochlorus'da Fenilpropanoid Metabolik Yoluna İlişkin Genomik Analizler, 2005 - 2007

Arı Ş., Turgut Kara N., Project Supported by Higher Education Institutions, Astragalus Türlerinde Doku Kültürü Çalışmaları" , 2000 - 2002

Patent

Turgut Kara N., Çakır Ö., Baklagiller İçin Kalite Analiz Yöntemi ve Kiti, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2015 16667 , Standard Registration, 2023

Memberships / Tasks in Scientific Organizations

The International Society for Silicon in Agriculture (ISSAG), Member, 2019 - Continues

Türk Biyokimya Derneği, Member, 2004 - Continues

Scientific Refereeing

FRONTIERS IN BIOSCIENCE-LANDMARK, SCI Journal, December 2023

JOURNAL OF PLANT GROWTH REGULATION, SCI Journal, October 2023

PLANT MOLECULAR BIOLOGY, SCI Journal, May 2023

GENETIC RESOURCES AND CROP EVOLUTION AN INTERNATIONAL JOURNAL, SCI Journal, March 2023

Scientific Publication, Üniversitelerarası Kurul Başkanlığı Etik Birimi, Istanbul University, Turkey, December 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Istanbul University, Turkey, May 2022

Scientific Publication, Üniversitelerarası Kurul Başkanlığı Etik Birimi, Istanbul University, Turkey, May 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Istanbul University, Turkey, June 2021

TUBITAK Project, 1002 - Quick Support Program, Istanbul University, Turkey, April 2021

Project Supported by Higher Education Institutions, BAP Research Project, Trakya University, Turkey, March 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Istanbul University, Turkey, February 2021

TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Istanbul University, Turkey, June 2020

EU Supported Other Project, Özel sektör, Denmark, April 2020

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Istanbul University, Turkey, March 2020

TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Istanbul University, Turkey, January 2020

Functional & Integrative Genomics, SCI Journal, December 2019

Scientific Reports, SCI Journal, October 2019

Journal of Pediatric Genetics, SCI Journal, October 2019

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Istanbul University, Turkey, October 2019

Plant Cell Tissue and Organ Culture, SCI Journal, September 2019
International Journal of Innovative Approaches in Science Research, Other Indexed Journal, June 2019
Project Supported by Higher Education Institutions, June 2019
AQUATIC RESEARCH, Other Indexed Journal, May 2019
TUBITAK Project, February 2019
TUBITAK Project, February 2019
TUBITAK Project, December 2018
Plant Cell Tissue and Organ Culture, SCI Journal, November 2017
Turkish Journal of Biochemistry, SCI Journal, September 2017
The Open Biotechnology Journal, Other Indexed Journal, July 2017
Project Supported by Higher Education Institutions, July 2017
Journal of the Institute of Science and Technology, Other Indexed Journal, June 2017
Plant Cell, Tissue and Organ Culture, SCI Journal, April 2017
Project Supported by Higher Education Institutions, January 2017
Project Supported by Higher Education Institutions, BAP Other, Istanbul University, Turkey, January 2017
Project Supported by Higher Education Institutions, January 2017
Project Supported by Higher Education Institutions, BAP Other, Istanbul University, Turkey, January 2017
Natural Product Research, SCI Journal, October 2016
İstanbul Üniversitesi Eczacılık Fakültesi Dergisi, Other Indexed Journal, October 2015
Plant Cell, Tissue and Organ Culture, SCI Journal, May 2015
Turkish Journal of Biology, SCI Journal, April 2015
Plant Cell, Tissue and Organ Culture , SCI Journal, July 2014
Pharmaceutical Biology, SCI Journal, June 2014
European Journal of Medicinal Plants, Other Indexed Journal, November 2013
Gene, SCI Journal, September 2013
Pharmaceutical Biology, SCI Journal, August 2013
Turkish Journal of Biology, SCI Journal, September 2012
Pharmaceutical Biology, SCI Journal, June 2011
African Journal of Biotechnology, SCI Journal, June 2010

Metrics

Publication: 85
Citation (WoS): 284
Citation (Scopus): 310
H-Index (WoS): 11
H-Index (Scopus): 12

Congress and Symposium Activities

9. Kozmetik Kongresi, Attendee, Antalya, Turkey, 2019
Plant Genome Evolution 2013, Attendee, Amsterdam, Netherlands, 2013
II. Uluslararası Gıda Ar-Ge Proje Pazarı, Attendee, İzmir, Turkey, 2013
Society of Toxicology 52th Annual Meeting and ToxExpo, Attendee, San Antonio, United States Of America, 2013
II. Uluslararası Kimya Ar-Ge Proje Pazarı, Attendee, İstanbul, Turkey, 2012
I. Gıda Ar-Ge Proje Pazarı, Attendee, İzmir, Turkey, 2012
I. Kimya Ar-Ge Proje Pazarı, Attendee, İstanbul, Turkey, 2011
European Biotechnology Congress 2011, Attendee, İstanbul, Turkey, 2011
47th Congress of the European Societies of Toxicology, Attendee, Paris, France, 2011

13th European Congress on Biotechnology, Attendee, Barcelona, Spain, 2007
IV. Balkan Botanical Congress, Attendee, Sofia, Bulgaria, 2006
31st FEBS Congress, Attendee, İstanbul, Turkey, 2006
11th International Biotechnology Symposium and Exhibition, Attendee, Berlin, Germany, 2000
Second Balkan Botanical Congress, Attendee, İstanbul, Turkey, 2000

Scholarships

Doktora Sonrası Araştırma Bursu, YOK, 2010 - 2010
Young Scientist Forum, Other International Organizations, 2006 - 2006
RECOMBINANT DNA TECHNOLOGY& PROTEIN EXPRESSION, Other International Organizations, 2005 - 2005
Genomics and Crop Improvement, Other International Organizations, 2003 - 2003

Awards

Turgut Kara N., Sağcan H., TÜBİTAK Uluslararası Yayın Teşvik Ödülü, Tübitak Uluslararası Yayın Teşvik Ödülü, July 2020
TURGUT KARA N., Bilimsel Yayın Yapan Araştırcılara Destek Projesi (BYP), İ.Ü. BAP, April 2013
Turgut Kara N., Çepni Yüzbaşıoğlu F. E., 1. Kimya ARGE Proje Pazarı-Kozmetik, sabun ve temizlik ürünleri kategorisi, İkmib - İstanbul Kimyevi Maddeler Ve Mamülleri İhracatçılar Birliği, December 2011
TURGUT KARA N., Bilimsel Yayın Yapan Araştırcılara Destek Projesi (BYP), İ.Ü. BAP, June 2010
TURGUT KARA N., Uluslararası Bilimsel Yayınları Teşvik Ödülü, TÜBİTAK, June 2006
TURGUT KARA N., Bilimsel Yayın Yapan Araştırcılara Destek Projesi (BYP), İ.Ü. BAP, June 2006
TURGUT KARA N., Moleküler Biyoloji Proje Yarışması, Prizma Laboratuar Ürünleri San. ve Tic. Ltd. Şti., May 2006

Non Academic Experience

Company, NGS Biyoteknoloji, AR-GE
NGS Biyoteknoloji Araştırma Geliştirme
Bielefeld University