

Prof. HAKKI TAŐTAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: EAL-6070-2022

ScopusID: 6603907048

Yoksis Researcher ID: 133992

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 1992 - 1998

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 1990 - 1992

Undergraduate, Ankara University, Fen Fakóltesi, Biyoloji Bölümü, Turkey 1985 - 1989

Dissertations

Doctorate, Serim amiloid A proteinin insan dokularındaki ekspresyonu, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 1998

Postgraduate, Sađlıklı ve hastalıklı diřetlerinde fibroblastlar üzerine incelemeler, Ankara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 1992

Research Areas

Health Sciences, Agricultural Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakóltesi, Biyoloji, 2015 - Continues

Professor, Gazi University, Fen Fakóltesi, Biyoloji, 2011 - Continues

Associate Professor, Ankara University, Fen Fakóltesi, Biyoloji Bölümü, 2009 - 2011

Assistant Professor, Ankara University, Fen Fakóltesi, Biyoloji Bölümü, 2006 - 2009

Research Assistant, Ankara University, Fen Fakóltesi, Biyoloji Bölümü, 1990 - 2006

Academic and Administrative Experience

Head of Department, Gazi University, Fen Fakóltesi, Biyoloji, 2023 - Continues

Deputy Director of the Center, Gazi University, Arařtırma Ve Uygulama Merkezleri, 2009 - 2012

Courses

KÖK HÜCRELERİ, Postgraduate, 2023 - 2024
GENETİK MÜHENDİSLİĞİ, Undergraduate, 2023 - 2024
DNA VE KRİMİNOLOJİ, Undergraduate, 2023 - 2024
ARAŞTIRMA PROJESİ II, Undergraduate, 2023 - 2024
MOLEKÜLER PATOLOJİ, Undergraduate, 2023 - 2024
SIVI KROMOTOGRAFİK-KÜTLE SPEKTROMETRİK ANALİZLER, Undergraduate, 2023 - 2024
ELİZA TESTİ VE KULLANIMI, Undergraduate, 2023 - 2024
MOLEKÜLER GENETİK, Undergraduate, 2023 - 2024
ARAŞTIRMA PROJESİ I , Undergraduate, 2023 - 2024
MOLEKÜLER BİYOLOJİ, Undergraduate, 2023 - 2024
BİYOLOJİ FELSEFESİ, Doctorate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Identification of bioactive components on antihemorrhoidal activity of *Cistus laurifolius* L. using RP-HPLC and LC-QTOF-MS**
PEKACAR S., Özüpek B., AKKOL E., TAŞTAN H., Ersan H., Orhan D. D.
Journal of Ethnopharmacology, vol.319, 2024 (SCI-Expanded)
- II. **Prevention of Inflammation Initiation on Acetic Acid-Induced Ulcerative Colitis in Rats by *Malva nicaeensis* All.**
Akkol E., Türkcanoğlu G., TAŞTAN H., Sobarzo-Sánchez E.
Frontiers in bioscience (Landmark edition), vol.28, no.7, pp.142, 2023 (SCI-Expanded)
- III. **Whole exome sequence analysis in patients with non-ischemic dilated cardiomyopathy**
SEZENÖZ B., Nurdan F., ERGÜN M. A., TAŞTAN H.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.26, 2022 (SCI-Expanded)
- IV. **The Phytochemical Profile and Biological Activity of *Malva neglecta* Wallr. in Surgically Induced Endometriosis Model in Rats**
Akkol E., Karpuz B., Türkcanoğlu G., Coşgunçelebi F. G., TAŞTAN H., Aschner M., Khatkar A., Sobarzo-Sánchez E.
Molecules, vol.27, no.22, 2022 (SCI-Expanded)
- V. **Effect of *Sorbus domestica* and its active constituents in an experimental model of colitis rats induced by acetic acid**
AKKOL E., Dereli F. T. G., TASTAN H., Sobarzo-Sanchez E., Khan H.
JOURNAL OF ETHNOPHARMACOLOGY, vol.251, 2020 (SCI-Expanded)
- VI. **Isolation and identification of triterpenes from *Anthemis austriaca* Jacq. through bioactivity-guided fractionation on polycystic ovary syndrome rat model**
İlhan M., Ali Z., Khan I. A., TASTAN H., AKKOL E.
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.301, no.4, pp.1103-1111, 2020 (SCI-Expanded)
- VII. **The frequency of factor V G1691A (Leiden) mutation in the healthy Kazakh population**
TASTAN H.
TURKISH JOURNAL OF HEMATOLOGY, vol.28, no.4, pp.352-353, 2011 (SCI-Expanded)
- VIII. **GJB2 Mutations in Mongolia: Complex Alleles, Low Frequency, and Reduced Fitness of the Deaf**
Tekin M., Xia X., Erdenetungalag R., Cengiz F. B., White T. W., Radnaabazar J., Dangaasuren B., TASTAN H., Nance W. E., Pandya A.
ANNALS OF HUMAN GENETICS, vol.74, pp.155-164, 2010 (SCI-Expanded)
- IX. **A practical HPLC method to measure reduced (GSH) and oxidized (GSSG) glutathione concentrations in animal tissues**
Yilmaz Ö., Keser S., Tuzcu M., Güvenc M., Çetintas B., Irtegin S., TAŞTAN H., Sahin K.
Journal of Animal and Veterinary Advances, vol.8, no.2, pp.343-347, 2009 (SCI-Expanded)
- X. **Inversion analysis in cytogenetics researches**
TAŞTAN H., Tüzün A., Yüksel S.

Turkiye Klinikleri Journal of Medical Sciences, vol.28, no.6, pp.811-821, 2008 (SCI-Expanded)

- XI. **A microscopic study of kidney tissue in familial mediterranean fever patients**
SARI KILIÇASLAN S. M., Ayvalı C., Taştan H.
Cell Biochemistry and Function, vol.25, no.4, pp.363-367, 2007 (SCI-Expanded)
- XII. **The frequencies of the serum amyloid A2 alleles in healthy (Turkish, Azerbaijani, and Kazakh) populations**
Tastan H., Osmanagaoglu O., Tuzun A.
RUSSIAN JOURNAL OF GENETICS, vol.41, no.7, pp.805-807, 2005 (SCI-Expanded)
- XIII. **Huge differences in cellular radiosensitivity due to only very small variations in double-strand break repair capacity**
Kasten-Pisula U., Tastan H., Dikomey E.
International Journal of Radiation Biology, vol.81, no.6, pp.409-419, 2005 (SCI-Expanded)
- XIV. **Evidence for single origins of 35delG and delE120 mutations in the GJB2 gene in Anatolia**
Tekin M., Boğoclu G., Arıcan S., Orman M., Tastan H., Elsayed S., Akar N.
Clinical Genetics, vol.67, no.1, pp.31-37, 2005 (SCI-Expanded)
- XV. **The frequency of serum amyloid A1 alleles in Turkish and Azerbaijan populations**
TAŞTAN H.
Biotechnology and Biotechnological Equipment, vol.16, no.2, pp.185-189, 2002 (SCI-Expanded)
- XVI. **MEFV mutations in multiplex families with familial Mediterranean fever: Is a particular genotype necessary for amyloidosis?**
Tekin M., Yalçinkaya F., Çakar N., Akar N., Misirlioğlu M., Taştan H., Tümer N.
Clinical Genetics, vol.57, no.6, pp.430-434, 2000 (SCI-Expanded)
- XVII. **MEFV mutations in Turkish patients suffering from Familial Mediterranean Fever.**
Akar N., Misiroglu M., Yalcinkaya F., Akar E., Çakar N., Tümer N., Akcakus M., Tastan H., Matzner Y.
Human mutation, vol.15, no.1, pp.118-9, 2000 (SCI-Expanded)
- XVIII. **Genotype-phenotype correlation in a large group of Turkish patients with familial Mediterranean fever: Evidence for mutation-independent amyloidosis**
Yalçinkaya F., Çakar N., Misirlioğlu M., Tümer N., Akar N., TEKİN M. N., Taştan H., Koçak H., Özkaya N., ELHAN A. H.
Rheumatology, vol.39, no.1, pp.67-72, 2000 (SCI-Expanded)
- XIX. **Feasibility of restriction enzyme protocols for the molecular diagnosis of abnormal hemoglobins in Turkish population.**
Akar N., Akar E., Tastan H.
American journal of hematology, vol.62, no.3, pp.198, 1999 (SCI-Expanded)
- XX. **Histopathological and ultrastructural examination of the rat conjunctiva after exposure to tobacco smoke**
Avunduk A. M., Avunduk M. C., EVİRGEN O., Yardımcı S., Taştan H., Güven C., Çetinkaya K.
Ophthalmologica, vol.211, no.5, pp.296-300, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Claudin 18.2 Expression in Gastric Adenocarcinomas in a Large Turkish Cohort**
TAŞTAN H., IŞIK A., GÜNER G., Zeyneoğlu C., DEMİRKOL CANLI S., AKYOL A.
Abant Medical Journal, vol.12, no.2, pp.122-130, 2023 (Peer-Reviewed Journal)
- II. **EDIBLE INSECT SPECIES AND CONSUMPTION**
TAŞTAN H., AYDIN İ.
Munis Entomology & Zoology, vol.18, no.2, pp.1661-1667, 2023 (Peer-Reviewed Journal)
- III. **ENTOMOPHAGY**
TAŞTAN H., AYDIN İ., Uçar B.
Munis Entomology & Zoology, vol.18, no.2, pp.1179-1185, 2023 (Peer-Reviewed Journal)
- IV. **DUDAK DAMAK YARIKLARINA MOLEKÜLER YAKLAŞIM**

AŞLAR ÖNER D., TAŞTAN H.

Kocatepe Tıp Dergisi, vol.23, no.2, pp.235-243, 2022 (Peer-Reviewed Journal)

- V. **Prevalence of MTHFR, MTR and MTRR gene polymorphisms in Turkish patients with nonsyndromic cleft lip and palate**
Aşlar D., TAŞTAN H.
Gene Therapy and Molecular Biology, vol.16, no.1, pp.115-129, 2014 (Scopus)
- VI. **Molecular basis of alzheimer disease**
Solmaz Y., TAŞTAN H.
Gazi University Journal of Science, vol.25, no.2, pp.289-299, 2012 (ESCI)
- VII. **Interleukin-1 and tumor necrosis factor-alpha gene polymorphisms in Turkish patients with localized aggressive periodontitis.**
GÜZELDEMİR AKÇAKANAT E., Gunhan M., Ozcelik O., Tastan H.
Journal of oral science, vol.50, no.2, pp.151-159, 2008 (Scopus)
- VIII. **Metil parathion un sıçanların ince bağırsak dokusu üzerine etkisi ve vitamin C ve E nin koruyucu rolü**
ÖĞÜTCÜ A., Ulusoy Y., Kahraman K., UZUNHİSARCIKLİ M., Uzun F. G., Taştan H.
ETLİK VETERİNER MİKROBİYOLOJİ DERGİSİ, vol.18, pp.21-26, 2007 (Peer-Reviewed Journal)
- IX. **The frequencies of the serum amyloid A2 alleles in healthy (Turkish, Azerbaijan and Kazakh) populations.**
Taştan H., Osmanagaoglu O., Tuzun A.
Genetika, vol.41, no.7, pp.986-9, 2005 (Scopus)
- X. **Homozygous β -Thalassemia Associated with Familial Mediterranean Fever in a Turkish Patient.**
Canatan D., Coşan R., Taştan H., Bilenoglu O., Başak A. N.
Turkish journal of haematology : official journal of Turkish Society of Haematology, vol.18, no.3, pp.195-7, 2001 (Scopus)
- XI. **Ratlarda Sigara Dumanının Retinal Toksisitesi Yaşa Bağlı Maküla Dejeneresansı İçin Elektron Mikroskopik Model çalışma**
TAŞTAN H.
Retina Vitreus, vol.7, no.3, pp.188-195, 1999 (Scopus)
- XII. **Ultrastructural effects of X irradiation on spermatogenesis in Rats**
KALENDER Y., KALENDER S., TAŞTAN H.
Türk.Hij.Den.Biol.Derg., vol.56, no.2, pp.91-95, 1999 (Peer-Reviewed Journal)
- XIII. **Direct detection of Hb C (B6 Glu-Lys) by BseRI analysis.**
Akar N., Akar E., Taştan H., Cin S.
American journal of hematology, vol.52, no.4, pp.325-6, 1996 (Scopus)
- XIV. **Verification of Hb O-Arab [β 121(GH4)Glu→Lys] by dual restriction enzyme analysis**
Akar N., Akar E., Taştan H., Cin Ş.
Hemoglobin, vol.20, no.2, pp.161-163, 1996 (Scopus)

Books & Book Chapters

I. MOLEKÜLER BİYOLOJİDE SON GELİŞMELER

Taştan H. (Editor)

İksad Yayınevi , Ankara, 2024

II. EKSOZOMLAR VE KULLANIM ALANLARI

ÇELİK R., TAŞTAN H.

in: MOLEKÜLER BİYOLOJİDE SON GELİŞMELER, TAŞTAN HAKKI, Editor, İksad Yayınevi, Ankara, pp.219-232, 2024

III. MOLEKÜLER BİYOLOJİDE YENİ KONULAR

Taştan H. (Editor)

İksad Yayınevi, Ankara, 2023

IV. DİFFÜZ MİDE KANSERLERİNİN MOLEKÜLER TEMELLERİ

TAŞTAN H., IŞIK A.

in: Moleküler Biyolojide Yeni Konular, Hakkı TAŞTAN, Editor, İksad Yayınevi, Ankara, pp.105-119, 2023

V. Biyolojik Bilimlerde Çalışma Metotları

KALENDER Y., APAYDIN F. G., KARABODUK K., PANDIR D., BAŞ H., KALENDER S., ÖZBEK M. U., ASLANTÜRK A., UZUNHİSARCIKLİ M., BÜYÜKGÜZEL E., et al.

PALME YAYINEVİ, Ankara, 2021

VI. Elisa ve Uygulama teknikleri

TAŞTAN H.

in: Biyoloji Bilimlerde Çalışma Metotları, Yusuf kalender, Editor, Palme yayınevi, Ankara, pp.277-293, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Malvanicaeensis All. Prevents the onset of Inflammation on Acetic acid-induced Ulcerative Colitis in Rats.**
KARPUZ B., AKKOL E., KARAKAN T., Haroon K., TAŞTAN H.
5th International Symposium on Phytochemicals in Medicine and Food (5-ISPMF), China, 25 - 30 August 2021
- II. **Amyloidosis in Turkish patients with Familial Mediterreanean Fever**
TAŞTAN H.
II. International Conference, Antalya, Turkey, 3 - 07 May 2000
- III. **Articular disease in Familial Mediterreanean Fever is it change or a chalange for diagnosis**
TAŞTAN H.
II. International Conference, Antalya, Turkey, 3 - 07 May 2000
- IV. **MEFV mutations multiplex families with Familial Mediterreanean Fever is a particular genotype necessary for Amyloidosis**
TAŞTAN H.
II. International Conference, Antalya, Turkey, 3 - 07 May 2000
- V. **Clinical laboratory and molecular characteristics of children with Familial Mediterranean Fever associated vasculitis**
TAŞTAN H.
Pediatric Nephrology, 1 - 03 January 2016, vol.13, pp.70-166
- VI. **Molecular basis of Familial Mediterranean in Turkey**
TAŞTAN H.
Pediatric Nephrology, 1 - 03 January 2016, vol.13, pp.34-22
- VII. **Genotype Phenotype correlation in Turkish Patients with Familial Mediterranean Fever**
TAŞTAN H.
Pediatric Nephrology, 1 - 03 January 2016, vol.13, pp.24-27
- VIII. **Ultrastructural changes induced by smoke exposure in rat testes**
KALENDER S., KALENDER Y., TAŞTAN H., CANDAN S.
The first International biosciences days. The first congress of Balkan association of Biosciences, Antalya, Turkey, 20 - 24 April 1999
- IX. **Anormal Hemoglobinlerin Moleküler tanısında Restriksiyon Enzim yöntemlerinin kullanılabilirliği**
Akar n., TAŞTAN H., Akar e.
XXVI. Ulusal Hematoloji Kongresi, Ankara, Turkey, 31 October - 03 November 1998
- X. **Mitochondrial alterations of the tubule epithelium in Rats exposed to smoke**
TAŞTAN H.
XIV th International symposium on morphological sciences, 9 - 13 September 1997, pp.357
- XI. **Homozygous thalassemia associated with familial mediterranean fever in a Turkish patients**
TAŞTAN H.
British Journal of Haematology, Amsterdam, Netherlands, 4 - 08 July 1998, vol.102

- XII. **Alterations of Intracellular Membranes AER and GER of the Hepatocytes in Rats Exposed to Smoke**
TAŞTAN H.
Proceeding of with International participation 13th National Electron Microscopy Congress, Ankara, Turkey, 1 - 04 September 1997
- XIII. **Ailevi Akdeniz Ateşi FMF olan Türk ailelerinde D16S283 mikrosatellit marker ının incelenmesi İlk bulgular**
TAŞTAN H.
XIII.Ulusal Böbrek Hastalıkları, Diyaliz ve Transplantasyon Kongresi, İstanbul, Turkey, 22 - 26 October 1996
- XIV. **A possible role of the pulmonary accumulation of iron and calcium in lung injury induced by smoking**
TAŞTAN H.
5.th Marmara Medical Days, İstanbul, Turkey, 16 - 19 September 1996, vol.9
- XV. **Sigara dumanının konjunktiva epitelinde meydana getirdiği değişikliklerin ışık ve elektron mikroskobu düzeyinde incelenmesi**
TAŞTAN H.
3.Ulusal Histoloji ve Embriyoloji Kongresi, Eskişehir, Turkey, 3 - 07 September 1996
- XVI. **Direct detection of Hb C 6 Glu Lys by BseR I Analysis**
akar n., akar e., TAŞTAN H.
British Journal of Haematology, Paris, France, 29 May - 01 June 1996, vol.93
- XVII. **Erişkin erkek ratlarda ciddi akut kan kaybını takiben plazma seks hormon düzeylerinde görülen değişiklikler**
TAŞTAN H.
Uluslar arası katılımlı, 19. Ulusal Endokrinoloji – Diyabetoloji ve Endokrin Cerrahisi Kongresi, İstanbul, Turkey, 28 - 31 May 1996
- XVIII. **Hb C 6 Glu Lys ve Hb E Saskatoon un 22 Glu Lys Moleküler düzeyde analizi**
akar n., TAŞTAN H., akar e.
XXIV. Ulusal Hematoloji Kongresi, İstanbul, Turkey, 11 - 14 April 1996
- XIX. **BİLDİRİ ADI YOKTUR**
TAŞTAN H.
Uluslar arası Katılımlı 2.Ulusal Hipertansiyon Kongresi, Adana, Turkey, 19 - 21 October 1995
- XX. **Verification of Hb O Arab 121 Glu Lys by dual Restriction enzyme analysis**
akar n., akar e., TAŞTAN H.
XIII. th meeting of the International Society of Haematology, 3 - 08 September 1995
- XXI. **Hb O Arab ın 121 GAA TAA AcsI Re kullanımı ile verifikasyonu**
TAŞTAN H., akar n., akar e.
XXXIX. Milli Pediatri Kongresi, Ankara, Turkey, 4 - 08 June 1995
- XXII. **Sağlıklı ve Hastalıklı Dişetlerinde Fibroblastlar üzerine incelemeler**
TAŞTAN H.
XI. Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 8 - 10 September 1993

Supported Projects

TAŞTAN H., ARSLAN M., TOPÇU V., ÇAVDARLI B., Project Supported by Higher Education Institutions, Kronik Myeloproliferatif Hastalık Tanısı İle Takipli ve Real-Time PCR Yöntemi İle JAK2 V617F Mutasyonu Bulunmayan Hastalarda, JAK2 Exon 12 Mutasyonlarının Araştırılmasında Sanger Sekanslama ve Yeni Nesil Dizi Analizi Yöntemlerinin Karşılaştırılması, 2020 - 2022

TAŞTAN H., Project Supported by Higher Education Institutions, SENDROMİK OLMAYAN DUDAK DAMAK YARIKLI TÜRK HASTLARINDA MSX I GEN MUTASYONLARININ BELİRLENMESİ, 2010 - 2012

TAŞTAN H., Project Supported by Higher Education Institutions, SENDROMİK OLMAYAN DUDAK DAMAK YARIKLI TÜRK HASTLARININ DNA VE GEN BANKASININ OLUŞTURULMASI, 2009 - 2011

Metrics

Publication: 119

Citation (WoS): 195

Citation (Scopus): 776

H-Index (WoS): 7

H-Index (Scopus): 13