Assoc. Prof. DUYGU DUMAN

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Education Information

Doctorate, Ankara University, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji (Dr), Turkey 2007 - 2011
Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Pediatrik Moleküler Genetik (Yl) (Tezli), Turkey 2003 - 2005
Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1997 - 2002

Dissertations

Doctorate, Otozomal resesif işitme kayıplı ailelerde otozigozite taraması ile MYO7A mutasyonlarının gösterilmesi, Ankara University, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji (Dr), 2011
Postgraduate, Bir grup Türk hastada SLC26A4 gen analizi, Ankara University, Sağlık Bilimleri Enstitüsü, Pediatrik Moleküler Genetik (Yl) (Tezli), 2005

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Sağlık Bilimleri Fakültesi, Odyoloji Bölümü, 2018 - Continues

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Odyoloji Bölümü, 2023 - Continues
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Ankara University, Rektörlük, Nadir Hastalıklar Uygulama Ve Araştırma Merkezi, 2021 - Continues
Fakülte Kurulu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Odyoloji Bölümü, 2019 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Odyoloji Bölümü, 2019 - Continues
Bölüm Stratejik Plan Komisyonu Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Odyoloji Bölümü, 2019 - Continues
Anabilim Dalı Akademik Kurul Üyesi, Ankara University, Sağlık Bilimleri Fakültesi, Odyoloji Bölümü, 2018 - Continues

Courses

Audiology and Genetics, Postgraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

Jury Memberships

Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, June, 2023
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, June, 2023
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, June, 2023
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, June, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Novel GPR156 variants confirm its role in moderate sensorineural hearing loss**
Ramzan M., Bozan N., Seyhan S., Zafeer M. F., Ayral A., DUMAN D., Bademci G., Tekin M.
Scientific Reports, vol.13, no.1, 2023 (SCI-Expanded)

II. **Genome sequencing identifies coding and non-coding variants for non-syndromic hearing loss**
Ramzan M., Duman D., Hendricks L. C. P., Guo S., MUTLU A., KALCIOĞLU M. T., Seyhan S., Carranza C., Bonyadi M., Mahdieh N., et al.
JOURNAL OF HUMAN GENETICS, vol.68, no.10, pp.657-669, 2023 (SCI-Expanded)

III. **Biallelic KITLG variants lead to a distinct spectrum of hypomelanosis and sensorineural hearing loss**
Vona B., Schwartzbaum D. A., Rodriguez A. A., Lewis S. S., Toosi M. B., Radhakrishnan P., Bozan N., Akın R., Doosti M., Manju R., et al.
JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, vol.36, no.9, pp.1606-1611, 2022 (SCI-Expanded)

IV. **Mutations in MINAR2 encoding membrane integral NOTCH2-associated receptor 2 cause deafness in humans and mice**
Bademci G., Lachgar-Ruiz M., Deokar M., Zafeer M. F., Abad C., Baylan M. Y., Ingham N. J., Chen J., Sineni C. J., Vadgama N., et al.
Proceedings of the National Academy of Sciences of the United States of America, vol.119, no.26, 2022 (SCI-Expanded)

V. **Whole Mitochondrial Genome Analysis in Turkish Patients with Mitochondrial Diseases**
Gencer Öncül E. B., Duman D., Eminoğlu F. T., Aktuna S., Duman M. T.
BALKAN MEDICAL JOURNAL, vol.39, no.2, pp.96-106, 2022 (SCI-Expanded)

VI. **Long-range cis-regulatory elements controlling GDF6 expression are essential for ear development**
Bademci G., Abad C., Cengiz F. B., Seyhan S., İNCESULU Ş. A., Guo S., Fitoz S., ATLI E. İ., Gosstola N. C., DEMİR S., et al.
JOURNAL OF CLINICAL INVESTIGATION, vol.130, no.8, pp.4213-4217, 2020 (SCI-Expanded)

VII. **Novel variant p.E269K confirms causative role of PLS1 mutations in autosomal dominant hearing loss**
Diaz-Horta O., Bademci G., TOKGÖZ YILMAZ S., Guo S., Zafeer F., Sineni C. J., DUMAN D., Farooq A., Tekin M.
CLINICAL GENETICS, vol.96, no.6, pp.575-578, 2019 (SCI-Expanded)

VIII. **Adams-Oliver syndrome caused by mutations of the EOGT gene**
Schroeder K. C., DUMAN D., Tekin M., Schanze D., Sukalo M., Meester J., Wuyts W., Zenker M.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.179, no.11, pp.2246-2251, 2019 (SCI-Expanded)

IX. **A truncating CLDN9 variant is associated with autosomal recessive nonsyndromic hearing loss**
Sineni C. J., Yildirim-Baylan M., Guo S., Camarena V., Wang G., TOKGÖZ YILMAZ S., DUMAN D., Bademci G., Tekin M.
HUMAN GENETICS, vol.138, no.10, pp.1071-1075, 2019 (SCI-Expanded)

X. **Genetic Causes of Inner Ear Anomalies: a Review from the Turkish Study Group for Inner Ear Anomalies**

OCAK E., DUMAN D., Tekin M.
BALKAN MEDICAL JOURNAL, vol.36, no.4, pp.206-211, 2019 (SCI-Expanded)

XI. **FOXF2 is required for cochlear development in humans and mice**
Bademci G., Abad C., İNCESULU Ş. A., Elian F., Reyahi A., Diaz-Horta O., Cengiz F. B., Sineni C. J., Seyhan S., ATLI E. İ., et al.
HUMAN MOLECULAR GENETICS, vol.28, no.8, pp.1286-1297, 2019 (SCI-Expanded)

XII. **Dysfunction of GRAP, encoding the GRB2-related adaptor protein, is linked to sensorineural hearing loss**
Li C., Bademci G., Subasioglu A., Diaz-Horta O., Zhu Y., Liu J., Mitchell T. G., Abad C., Seyhan S., DUMAN D., et al.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.116, no.4, pp.1347-1352, 2019 (SCI-Expanded)

XIII. **Identification of candidate gene FAM183A and novel pathogenic variants in known genes: High genetic heterogeneity for autosomal recessive intellectual disability**
McSherry M., Masih K. E., Elcioglu N. H., Celik P., Balci O., Cengiz F. B., Nunez D., Sineni C. J., Seyhan S., Kocaoglu D., et al.
PLOS ONE, vol.13, no.11, 2018 (SCI-Expanded)

XIV. **Elucidating the genetic architecture of Adams-Oliver syndrome in a large European cohort**
Meester J. A. N., Sukalo M., Schroeder K. C., Schanze D., Baynam G., Borck G., Bramswig N. C., DUMAN D., Gilbert-Dussardier B., Holder-Espinasse M., et al.
HUMAN MUTATION, vol.39, no.9, pp.1246-1261, 2018 (SCI-Expanded)

XV. **MPZL2 is a novel gene associated with autosomal recessive nonsyndromic moderate hearing loss**
Bademci G., Abad C., İNCESULU Ş. A., Rad A., Alper O., Kolb S. M., Cengiz F. B., Diaz-Horta O., SILAN F., MIHÇI E., et al.
HUMAN GENETICS, vol.137, no.6-7, pp.479-486, 2018 (SCI-Expanded)

XVI. **Variants in CIB2 cause DFNB48 and not USH1J**
Booth K. T., Kahrizi K., Babanejad M., Daghagh H., Bademci G., Arzhangi S., Zareabdollahi D., Duman D., El-Amraoui A., Tekin M., et al.
CLINICAL GENETICS, vol.93, no.4, pp.812-821, 2018 (SCI-Expanded)

XVII. **Novel pathogenic variants underlie SLC26A4-related hearing loss in a multiethnic cohort**
Cengiz F. B., Yilmazer R., Olgun L., SENNAROĞLU L., KİRAZLI T., Alper H., Olgun Y., İNCESULU Ş. A., ATİK T., Huesca-Hernandez F., et al.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.101, pp.167-171, 2017 (SCI-Expanded)

XVIII. **Novel EYA1 variants causing Branchio-oto-renal syndrome**
Klingbeil K. D., Greenland C. M., Arslan S., Paneque A. L., GÜRKAN H., Ulusal S. D., Maroofian R., Carrera-Gonzalez A., Montufar-Armendariz S., Paredes R., et al.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.98, pp.59-63, 2017 (SCI-Expanded)

XIX. **Spectrum of DNA variants for non-syndromic deafness in a large cohort from multiple continents**
Yan D., Tekin D., Bademci G., Foster J., Cengiz F. B., Kannan-Sundhari A., Guo S., Mittal R., Zou B., Grati M., et al.
HUMAN GENETICS, vol.135, no.8, pp.953-961, 2016 (SCI-Expanded)

XX. **Variations in Multiple Syndromic Deafness Genes Mimic Non-syndromic Hearing Loss**
Bademci G., Cengiz F. B., Foster J., Duman D., Sennaroglu L., Diaz-Horta O., Atik T., Kirazli T., Olgun L., Alper H., et al.
SCIENTIFIC REPORTS, vol.6, 2016 (SCI-Expanded)

XXI. **ROR1 is essential for proper innervation of auditory hair cells and hearing in humans and mice**
Diaz-Horta O., Abad C., SENNAROĞLU L., Foster J., DeSmidt A., Bademci G., Tokgoz-Yilmaz S., DUMAN D., Cengiz F. B., Grati M., et al.
Proceedings of the National Academy of Sciences of the United States of America, vol.113, no.21, pp.5993-5998, 2016 (SCI-Expanded)

XXII. **Comprehensive analysis via exome sequencing uncovers genetic etiology in autosomal recessive nonsyndromic deafness in a large multiethnic cohort**
Bademci G., Foster J., Mahdieh N., Bonyadi M., DUMAN D., Cengiz F. B., Menendez I., Diaz-Horta O., Shirkavand A., Zeinali S., et al.
Genetics in Medicine, vol.18, no.4, pp.364-371, 2016 (SCI-Expanded)

XXIII. **Novel mutations confirm that COL11A2 is responsible for autosomal recessive non-syndromic hearing loss DFNB53**
Chakchouk I., Grati M., Bademci G., Bensaid M., Ma Q., Chakroun A., Foster J., Yan D., DUMAN D., Diaz-Horta O., et al.
MOLECULAR GENETICS AND GENOMICS, vol.290, no.4, pp.1327-1334, 2015 (SCI-Expanded)

XXIV. **HPSE2 Mutations in Urofacial Syndrome, Non-Neurogenic Neurogenic Bladder and Lower Urinary Tract Dysfunction**
BULUM AKBULUT B., ÖZÇAKAR Z. B., DUMAN D., Cengiz F. B., Kavaz A., BURGU B., Baskin E., Cakar N., SOYGÜR Y. T., Ekim M., et al.
NEPHRON, vol.130, no.1, pp.54-58, 2015 (SCI-Expanded)

XXV. **Analysis Of Hpse2 Gene Mutations In Children With Non-neurogenic Neurogenic Bladder And Urofacial (ochoa) Syndrome**
Bulum B., ÖZÇAKAR Z. B., DUMAN D., Cengiz F. B., BURGU B., Baskin E., Cakar N., SOYGÜR Y. T., Ekim M., Tekin M., et al.
PEDIATRIC NEPHROLOGY, vol.29, no.9, pp.1698, 2014 (SCI-Expanded)

XXVI. **Identification of Copy Number Variants Through Whole-Exome Sequencing in Autosomal Recessive Nonsyndromic Hearing Loss**
Bademci G., Diaz-Horta O., Guo S., DUMAN D., Van Booven D., Foster J., Cengiz F. B., Blanton S., Tekin M.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.18, no.9, pp.658-661, 2014 (SCI-Expanded)

XXVII. **FAM65B is a membrane-associated protein of hair cell stereocilia required for hearing**
Diaz-Horta O., Subasioglu-Uzak A., Grati M., DeSmidt A., Foster J., Cao L., Bademci G., TOKGÖZ YILMAZ S., DUMAN D., Cengiz F. B., et al.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.111, no.27, pp.9864-9868, 2014 (SCI-Expanded)

XXVIII. **Evidence for genotype-phenotype correlation for OTOF mutations**
Yildirim-Baylan M., Bademci G., DUMAN D., Ozturkmen-Akay H., TOKGÖZ YILMAZ S., Tekin M.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.78, no.6, pp.950-953, 2014 (SCI-Expanded)

XXIX. **BRANCHIO-OCULO-FACIAL SYNDROME IN A NEWBORN CAUSED BY A NOVEL TFAP2A MUTATION**
Gunes N., Cengiz F. B., DUMAN D., Dervisoglu S., Tekin M., Tuysuz B.
GENETIC COUNSELING, vol.25, no.1, pp.41-47, 2014 (SCI-Expanded)

XXX. **High frequency of kidney and urinary tract anomalies in asymptomatic first-degree relatives of patients with CAKUT**
BULUM AKBULUT B., ÖZÇAKAR Z. B., ÜSTÜNER E., DÜŞÜNCELİ ATMAN E., Kavaz A., DUMAN D., Walz K., FİTOZ Ö. S., Tekin M., Yalcinkaya F.
PEDIATRIC NEPHROLOGY, vol.28, no.11, pp.2143-2147, 2013 (SCI-Expanded)

XXXI. **SLITRK6 mutations cause myopia and deafness in humans and mice**
Tekin M., Chioza B. A., Matsumoto Y., Diaz-Horta O., Cross H. E., DUMAN D., Kokotas H., Moore-Barton H. L., Sakoori K., Ota M., et al.
JOURNAL OF CLINICAL INVESTIGATION, vol.123, no.5, pp.2094-2102, 2013 (SCI-Expanded)

XXXII. **Mutations in OTOGL, Encoding the Inner Ear Protein Otogelin-like, Cause Moderate Sensorineural Hearing Loss**
Yariz K. O., DUMAN D., Seco C. Z., Dallman J., Huang M., Peters T. A., Sirmaci A., Lu N., Schraders M., Skromne I., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.91, no.5, pp.872-882, 2012 (SCI-Expanded)

XXXIII. **MASP-1 is crucial for lectin pathway activation in human serum, while neither MASP-1 nor MASP-3 are required for alternative pathway function**
Degn S. E., Jensen L., Hansen A. G., DUMAN D., Tekin M., Jensenius J. C., Thiel S.
IMMUNOBIOLOGY, vol.217, no.11, pp.1218-1219, 2012 (SCI-Expanded)

XXXIV. **Whole-Exome Sequencing Efficiently Detects Rare Mutations in Autosomal Recessive Nonsyndromic Hearing Loss**
Diaz-Horta O., DUMAN D., Foster J., Sirmaci A., Gonzalez M., Mahdieh N., Fotouhi N., Bonyadi M., Cengiz F. B., Menendez I., et al.

PLOS ONE, vol.7, no.11, 2012 (SCI-Expanded)

XXXV. **A truncating mutation in GPSM2 is associated with recessive non-syndromic hearing loss**
Yariz K. O., Walsh T., Akay H., Duman D., Akkaynak A. C., King M., Tekin M.
CLINICAL GENETICS, vol.81, no.3, pp.289-293, 2012 (SCI-Expanded)

XXXVI. **Cardiomyopathy with alopecia and palmoplantar keratoderma (CAPK) is caused by a JUP mutation**
Erken H., Yariz K. O., Duman D., TULUNAY KAYA C., Sayin T., Heper A., Tekin M.
BRITISH JOURNAL OF DERMATOLOGY, vol.165, no.4, pp.917-921, 2011 (SCI-Expanded)

XXXVII. **A founder TMIE mutation is a frequent cause of hearing loss in southeastern Anatolia**
Sirmaci A., Oeztuerkmen-Akay H., Erbek S., İNCESULU Ş. A., Duman D., Tasir-Yilmaz S., Oezdag H., Tekin M.
CLINICAL GENETICS, vol.75, no.6, pp.562-567, 2009 (SCI-Expanded)

XXXVIII. **Homozygous FGF3 mutations result in congenital deafness with inner ear agenesis, microtia, and microdontia**
Tekin M., Akay H. O., Fitoz S., Birnbaum S., Cengiz F. B., Sennaroglu L., İNCESULU Ş. A., Konuk E. B. Y., Bayrak A. H., Senturk S., et al.
CLINICAL GENETICS, vol.73, no.6, pp.554-565, 2008 (SCI-Expanded)

XXXIX. **Paternal X could relate to arithmetic function; study of cognitive function and parental origin of X chromosome in Turner syndrome**
Erur A. T., Ocal G., BERBEROĞLU M., Tekin M., KILIÇ B. G., AYCAN Z., Kutlu A., Adiyaman P., ŞIKLAR Z., Akar N., et al.
PEDIATRICS INTERNATIONAL, vol.50, no.2, pp.172-174, 2008 (SCI-Expanded)

XL. **The c.IVS1+1G > A mutation in the GJB2 gene is prevalent and large deletions involving the GJB6 gene are not present in the Turkish population**
Sirmaci A., Akcayoz-Duman D., Tekin M.
JOURNAL OF GENETICS, vol.85, no.3, pp.213-216, 2006 (SCI-Expanded)

XLI. **A novel missense mutation in a C2 domain of OTOF results in autosomal recessive auditory neuropathy**
Tekin M., Akcayoz D., Incesulu A.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.138A, no.1, pp.6-10, 2005 (SCI-Expanded)

XLII. **Mitochondrial DNA alterations involving position 961 are not sufficient to explain sensorineural hearing loss**
Duman D., Arıcan S. T., Yılmaz S., Kupka S., Pandya A., Akar M. N., İncesulu Ş. A., Tekin M.
JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.1, no.3, pp.110-116, 2005 (SCI-Expanded)

XLIII. **657del5 mutation of the Nijmegen breakage syndrome gene (NBS1) in the Turkish population**
Tekin M., Akcayoz D., Ucar C., Gulen H., Akar N.
Human Biology, vol.77, pp.393-397, 2005 (SCI-Expanded)

XLIV. **Screening the SLC26A4 gene in probands with deafness and goiter (Pendred syndrome) ascertained from a large group of students of the schools for the deaf in Turkey**
Tekin M., Akcayoz D., ÇOMAK E., Bogoclu G., Duman T., Fitoz S., Ilhan I., Akar N.
CLINICAL GENETICS, vol.64, no.4, pp.371-374, 2003 (SCI-Expanded)

Articles Published in Other Journals

I. **Research of genetic bases of hereditary non-syndromic hearing loss**
Subasioglu A., DUMAN D., Sirmaci A., Bademci G., Carkit F., SOMDAŞ M. A., Erkan M., Tekin M., DÜNDAR M.
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.52, no.3, pp.122-132, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Molecular diagnosis of lethal multiple pterygium syndrome in a fetus presenting with fetal akinesia deformation sequence**

ÇETİN T., MUTLU H., DUMAN D., DUMAN M. T.
8. Uluslararası Erciyes Tıp Tıbbi Genetik Kongresi, Kayseri, Turkey, 21 September 2023

II. **Genome sequencing identifies coding and non-coding variants in hereditary deafness missed by exome sequencing**
Ramzan M., Duman D., Hendricks L. C. P., Zafeer M. F., Bademci G., Tekin M.
American Society of Human Genetics 2022 Annual Meeting , California, United States Of America, 25 - 29 October 2022, pp.982

III. **Biallelic variants in KITLG cause Waardenburg syndrome type 2, albinism-deafness syndrome and oculocutaneous albinism**
Girisha K., Vona B., Schwartzbaum D., Rodriguez A. A., Lewis S. S., Toosi M. B., Radhakrishnan P., Bozan N., Akın R., Doosti M., et al.
European Human Genetics Conference , Vienna, Austria, 11 - 14 June 2022, pp.369

IV. **Characterization of MINAR2 as a Novel Autosomal Recessive Deafness Gene**
Bademci G., Lachgar-Ruiz ., Deokar M., Zafeer M. F., Abad ., Yildirim Baylan ., J. Ingham ., Chen ., J. Sinen C., Vadgama ., et al.
12th Molecular Biology of Hearing and Deafness Conference, Iowa, United States Of America, 24 - 27 May 2022, pp.18

V. **Expanding KITLG to Include Autosomal Recessive Inheritance, Oculocutaneous Albinism and Waardenburg/Albinism-Deafness Syndromes**
Vona B., A. Schwartzbaum D., A. Rodriguez A., Lewis S. S., Toosi M. B., Radhakrishnan P., Bozan N., Akın R., Doosti M., Manju R., et al.
12th Molecular Biology of Hearing and Deafness Conference, Iowa, United States Of America, 24 - 27 May 2022, pp.97

VI. **Leigh Sendromu (LS) Ön Tanılı Bir Hastada Olası Genetik Etmenlerin Araştırılması**
gencer oncül e. b., DUMAN D., EMİNOĞLU F. T., AKTUNA S., DUMAN M. T.
VI. Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2019

VII. **işitme kaybının genetiği**
DUMAN D.
V. Uluslararası Katılımlı Odyoloji Kongresi, Ankara, Turkey, 11 - 12 May 2019

VIII. **Whole Mitochondrial Genome Screening in Children with Suspected Mitochondrial Disease**
GENCER ÖNCÜL E. B., DUMAN D., EMİNOĞLU F. T., AKTUNA S., DUMAN M. T.
Uluslararası Metabolik Hastalıklar ve Beslenme Kongresi, 10 - 14 April 2019

IX. **A founder mutation uncovers MPZL2 (DFNB111) as a novel autosomal recessive non-syndromic moderate hearing loss gene**
barbara v., Bademci G., Abad C., İNCESULU Ş. A., rad a., ALPER Ö., kolb s., Cengiz F. B., Diaz-Horta O., silan f., et al.
German Society of Human Genetics Meeting, 6 - 08 April 2019

X. **Using Whole Genome Sequencing to Identify Novel Variants in Branchio-Oto-Renal Syndrome**
Quynh P., hermida a., amat d., gurkan h., DEMİR S., SEYHAN S., Sineni C. J., DUMAN D., Bademci G., Tekin M.
ACMG Annual Clinical Genetics Meeting, 2 - 06 April 2019

XI. **İŞİTME KAYBI GENETİĞİ**
DUMAN D.
Ankara Tıp Kulak Burun Boğaz Kliniği 4. Alumni Toplantısı, Turkey, 14 - 15 December 2018

XII. **Mitokondriyal kalıtım gösteren tanı konulamamış nadir nöroloji, psikiyatri, metabolizma hastalarında mitokondriyal DNA (mtDNA)'nın taranması**
gencer oncül e. b., DUMAN D., EMİNOĞLU F. T., ERDOĞAN S., AKTUNA S., DUMAN B., DUMAN M. T.
Uluslararası katılımlı 13. Ulusal Tıbbi Genetik Kongresi, Turkey, 7 - 11 November 2018

XIII. **Association of TOMM40 (Rs1160985 and Rs157581) Polymorphisms with Alzehimer Disease**
RAJAB M. F., gencer oncül e. b., TAŞTAN H., DUMAN D., DİRİK E. B., DUMAN M. T.
Uluslararası katılımlı 13. Ulusal Tıbbi Genetik Kongresi, Turkey, 7 - 11 November 2018

XIV. **Three novel hearing loss genes reveal previously unrecognized roles of their protein products in the perception of sound.**

Bademci G., li c., Diaz-Horta O., abad c., vona b., Maroofian r., Subaşıoğlu A., MIHÇI E., ALPER Ö., NUR B., et al.
American Society of Human Genetics 2018 Annual Meeting, San Diego, 16 - 20 October 2018

XV. **Sendromik olmayan işitme kayıplı Türk ailelerde sorumlu genlerin araştırılması**
Duman D., Cengiz F. B., Bademci G., Subaşıoğlu A., Yılmaz S., Yıldırım Baylan M., Erbek H. S., Sennaroğlu L., Sennaroğlu G., Tekin M.
Pediatrik Odyoloji Kongresi, Ankara, Turkey, 5 - 07 February 2018

XVI. **A recessive variant in forkhead box domain of FOXF2 is associated with profound hearing loss and inner ear anomaly**
Bademci G., Diaz-Horta O., İNCESULU Ş. A., Cengiz F. B., Abad C., Sineni C., Foster J., DUMAN D., FİTOZ Ö. S., Blanton S., et al.
American Society of Human Genetics 2017 Annual Meeting, ORLANDO, United States Of America, 17 - 21 October 2017

XVII. **Non Sendromik Ailesel İşitme Kayıplı Hastalarda Genetik Analiz**
YILDIRIM H., YILDIRIM BAYLAN M., DUMAN D., Bademci G.
5. Ulusal Otoloji Nörootoloji Kongresi, Antalya, Turkey, 4 - 07 May 2017

XVIII. **Comprehensive Search for Deafness Genes Associated with Inner Ear Anomalies**
Bademci G., Cengiz F. B., Diaz-Horta O., DUMAN D., Foster J., ATİK T., KİRAZLI T., ALPER H. H., Menendez I., PANDYA A., et al.
American Society of Human Genetics 65th Annual Meeting, 6 - 10 October 2015

XIX. **Tedavi Edilebilir Bir Otizm Nedeni Olarak BCKD-Kinaz Eksikliği: İki Olgu Sunumu**
ÖZTÜRK HİŞMİ B., AKAY H., ÖZBEK M. N., BACANLI A., KUMRU B., DUMAN D., HİŞMİ A., Bademci G., Tekin M.
XIII. Ulusal Metabolik Hastalıklar ve Beslenme Kongresi, Adana, Turkey, 14 - 18 April 2015

XX. **BCKD kinase deficiency Expanding the disease phenotypewith sensorineural hearing loss and transient acrodermatitisenteropathica like dermatitis**
HİŞMİ B., ÖZTÜRKMEN AKAY H., BADEMCİ G., DUMAN D., BACANLI A., HİŞMİ A., KUMRU B., TEKİN M.
SSIEM 2014 Annual Symposium, Innsbruck, Austria, 2 - 05 September 2014, vol.37, pp.174

Supported Projects

Duman D., Turkey Institutes of Health Administration Project, Glutamin Taşıyıcısı Asct2'ye Karşı Oluşturulan Monoklonal Antikorların Tümör Hücre Büyümesine Etkisi, 2021 - 2024
Duman D., TUBITAK Project, İÇ KULAK ANOMALİLERİNDE GENETİK ÇALIŞMALAR, 2022 - 2023
DUMAN D., Other International Funding Programs, Yeni İşitme Kaybı Genlerinin Bulunması İçin Ortak Bir Araştırma A Collaborative search for new genes for non syndromic deafness, 2010 - 2015

Activities in Scientific Journals

Turkish Journal of Molecular Biology and Biotechnology, Committee Member, 2016 - Continues
JOURNAL OF PEDIATRIC GENETICS, Assistant Editor/Section Editor, 2016 - 2016

Memberships / Tasks in Scientific Organizations

Tıbbi Biyoloji Ve Genetik Derneği, Member, 2015 - Continues, Turkey
American Society of Human Genetics, Member, 2022 - 2022, United States Of America

Scientific Refereeing

TURKISH JOURNAL OF GASTROENTEROLOGY, Journal Indexed in SCI-E, November 2023

American Journal of Medical Genetics Part A, Journal Indexed in SCI-E, March 2022

Metrics

Publication: 75
Citation (WoS): 1805
Citation (Scopus): 1867
H-Index (WoS): 24
H-Index (Scopus): 24

Congress and Symposium Activities

8. Uluslararası Erciyes Tıp Tıbbi Genetik Kongresi, Attendee, Kayseri, Turkey, 2023
European Human Genetics Conference 2023, Audience, Glasgow, England, 2023
American Society of Human Genetics 2022 Annual Meeting, Attendee, California, United States Of America, 2022
University of Miami Fourth Annual Graduate & Postdoctoral Research Symposium, Attendee, Florida, United States Of America, 2022

Scholarships

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