

Assoc. Prof. MUSTAFA TRKER DUMAN

Personal Information

Web: <https://avesis.ankara.edu.tr/duman>

International Researcher IDs

ORCID: 0000-0003-0093-2396

Publons / Web Of Science ResearcherID: G-3018-2019

ScopusID: 7004018159

Yoksis Researcher ID: 168963

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstits, Biyoloji (Dr), Turkey 2000 - 2004

Postgraduate, Ankara University, Tıp Fakltesi, Dahili Tıp Bilimleri Blm, Turkey 1998 - 2000

Undergraduate, Hacettepe University, Fen Fakltesi, Biyoloji Blm, Turkey 1991 - 1997

Dissertations

Doctorate, Mitokondriyal DNA mutasyonlarının iřitme kaybı ile baēlantısının Trkiye populasyonunda incelenmesi,

Ankara University, Fen Bilimleri Enstits, Biyoloji (Dr), 2004

Postgraduate, Trombosit kollajen reseptr integrin alfa2beta1'xxin alfa 2 gen alellerinin serebral infarktlı Trk pediatrik hastalarda incelenmesi, Ankara University, Tıp Fakltesi, Dahili Tıp Bilimleri Blm, 2000

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Tıp Fakltesi, Dahili Tıp Bilimleri Blm, 2010 - 2016

Advising Theses

DUMAN M. T., ZEBRA BALIēINDA GLUTAMAT SİNYALİZASYON MANİPLASYONUNUN OLİGODENDROSİT KKENLİ HCRELERDEKİ ETKİSİNİN İNCELENMESİ, Doctorate, F.TURAN(Student), 2021

DUMAN M. T., Mitokondriyal kalıtım olduēu dřnlen, tanı konulamamıř ve nadir gzlenen nroloji, psikiyatri, metabolizma hastalarında mitokondriyal DNA (mtDNA) genlerinin taranması, Doctorate, E.BEGM(Student), 2019

DUMAN M. T., Association of TOMM40 (rs1160985 and rs157581) polymorphisms with alzheimer disease, Postgraduate, M.FAHMI(Student), 2018

DUMAN M. T., Spondiloartropatili hastalarda,JAK 2, STAT3, TNFRSF1A gen polimorfizmlerinin incelenmesi, Postgraduate, S.ASSADPOUR(Student), 2013

DUMAN M. T., HLA-G genindeki 3'UTR polimorfizminin infertil kadınlarda incelenmesi, Postgraduate, P.ATAKUL(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparative genetic research on *Microtus mystacinus* (de Filippi, 1865) distributed in Asia and Europe inferred from mitochondrial (CYTB and COXI) and nuclear (IRBP) gene regions**
Çetintürk D., Yiğit N., Castiglia R., Senczuk G., Çolak E.
Animal Biology, vol.72, no.4, pp.309-324, 2022 (SCI-Expanded)
- II. **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)
- III. **Effect of modulating glutamate signaling on myelinating oligodendrocytes and their development-A study in the zebrafish model.**
Turan F., Yilmaz O., Schunemann L., Lindenberg T. T., Kalanithy J. C., Harder A., Ahmadi S., Duman T., MacDonald R. B., Winter D., et al.
Journal of neuroscience research, vol.99, no.11, pp.2774-2792, 2021 (SCI-Expanded)
- IV. **Inferring phylogenetic relationships in the common vole (*Microtus arvalis*) based on mitochondrial and nuclear sequence diversities**
ÇETİNTÜRK D., YİĞİT N., ÇOLAK E., Markov G., Cirovic D., Marton M.
TURKISH JOURNAL OF ZOOLOGY, vol.45, no.2, pp.117-133, 2021 (SCI-Expanded)
- V. **Phylogenetic and Phylogeographic Relationships of Populations of *Meriones tristrami* Thomas, 1892 (Rodentia: Gerbillinae) in Turkey as Inferred from Cytochrome-b and RFLP Analysis**
YİĞİT N., ÇOLAK E., Markov G., Yigit F. S., ÇOLAK R., ÇETİNTÜRK D., ŞEKER P. S., SELVİ E.
ACTA ZOOLOGICA BULGARICA, vol.72, no.3, pp.353-361, 2020 (SCI-Expanded)
- VI. **Serum interleukin-37 level and interleukin-37 gene polymorphism in patients with Behçet disease.**
Ozguclu S., Duman T., Ates F. S. O., KÜÇÜKŞAHİN O., Colak S., ÖLMEZ Ü.
Clinical rheumatology, vol.38, no.2, pp.495-502, 2019 (SCI-Expanded)
- VII. **Kidney transplantation in immunologically high-risk patients**
KEVEN K., Sengul Ş., Celebi Z. K., Tuzuner A., Yalcin F., Duman T., Tutkak H.
Transplantation Proceedings, vol.45, no.3, pp.919-922, 2013 (SCI-Expanded)
- VIII. **No association of PTPN22 R620W gene polymorphism with rheumatic heart disease and systemic lupus erythematosus.**
Aksoy R., Duman T., Keskin O., Düzgün N.
Molecular biology reports, vol.38, no.8, pp.5393-6, 2011 (SCI-Expanded)
- IX. **Cytotoxic T lymphocyte-associated antigen-4 polymorphism in patients with rheumatic heart disease.**
Düzgün N., Duman T., Haydardedeolu F., Tutkak H.
Tissue antigens, vol.74, no.6, pp.539-42, 2009 (SCI-Expanded)
- X. **Thymidylate synthase genotype and serum concentrations of homocysteine and folate in Behçet's disease.**
Duezguen N., Duman T., Morris Y., Tutkak H., Koese K., Ertugrul E., Aydintug O. T.
Clinical rheumatology, vol.27, no.10, pp.1221-5, 2008 (SCI-Expanded)
- XI. **The lack of genetic association of the Toll-like receptor 2 (TLR2) Arg753Gln and Arg677Trp polymorphisms with rheumatic heart disease.**
Duzgun N., Duman T., Haydardedeoglu F. E., Tutkak H.
Clinical rheumatology, vol.26, no.6, pp.915-9, 2007 (SCI-Expanded)
- XII. **5 alpha steroid reductase deficiency in Turkey.**
Adiyaman P. B., Öcal G., Çetinkaya E., Akar N., Uysal A., Duman T., EVLİYAĞLU S. O., AYCAN Z., Lumbroso S., Sultan C., et al.
Pediatric endocrinology reviews : PER, no.SUPPL. 3, pp.462-9, 2006 (SCI-Expanded)
- XIII. **Spectrum of GJB2 mutations in Turkey comprises both Caucasian and Oriental variants: roles of parental consanguinity and assortative mating.**
Tekin M., Duman T., Bogoclu G., Incesulu A., Comak E., İlhan I., Akar N.
Human mutation, vol.21, no.5, pp.552-3, 2003 (SCI-Expanded)

- XIV. **Frequency of mtDNA A1555G and A7445G mutations among children with prelingual deafness in Turkey**
Tekin M., Duman T., Bogoclu G., Incesulu A., ÇOMAK E., Fitoz S., YILMAZ E., İlhan I., Akar N.
European Journal of Pediatrics, vol.162, no.3, pp.154-158, 2003 (SCI-Expanded)
- XV. **Moderate hearing loss and pseudodominant inheritance due to L90P/35delG mutations in the GJB2 (connexin 26) gene.**
Tekin M., Duman T., Bogoclu G., Incesulu A., Cin S., Akar N.
Genetic counseling (Geneva, Switzerland), vol.14, no.4, pp.379-86, 2003 (SCI-Expanded)
- XVI. **Mutations of the 5alpha-steroid reductase type 2 gene in six Turkish patients from unrelated families and a large pedigree of an isolated Turkish village.**
Öcal G., Adiyaman P., BERBEROĞLU M., Çetinkaya E., Akar N., Uysal A., Duman T., EVLİLYAOĞLU S. O., AYCAN Z., Lumbrasso S., et al.
Journal of pediatric endocrinology & metabolism : JPEM, vol.15, no.4, pp.411-21, 2002 (SCI-Expanded)
- XVII. **The alpha2 Gene alleles of the platelet collagen receptor integrin alpha2 beta1 in Turkish children with cerebral infarct.**
Akar N., Duman T., Akar E., Deda G., Sipahi L.
Thrombosis research, vol.102, no.2, pp.121-3, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **The association of anti-CD74 antibody with spondyloarthropathies**
DUMAN M. T.
Eur J Rheumatol, vol.8, pp.207-210, 2021 (Peer-Reviewed Journal)

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. **Mitochondrial Cyt b Diversity in Turkish Specimens of Meriones tristrami Rodentia Gerbillinae Using RFLP**
YİĞİT N., ÇOLAK E., ÇETİNTÜRK D., ŞEKER P. S., engin s., Karsten N., SAYGILI YİĞİT F.
14th Rodens et Spatium-International Conference on Rodent Biology, Portugal, 28 July - 02 August 2014

Metrics

Publication: 34
Citation (WoS): 145
Citation (Scopus): 260
H-Index (WoS): 6
H-Index (Scopus): 10