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Education Information

Expertise In Medicine, Erciyes University, Dahili Tıp Bil., Tıbbi Genetik, Turkey 2011 - 2015
Undergraduate, Erciyes University, Tıp Fakültesi, Tıp, Turkey 2004 - 2010

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Genomics, Moleculer Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2019 - Continues
Expert PhD, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2015 - 2019
Research Assistant, Erciyes University, Tıp Fakültesi, Dahili Tıp Bil., 2011 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Pyruvate kinase deficiency in 29 Turkish patients with two novel intronic variants**
GÖK V., LEBLEBİSATAN G., Gokcebay D. G., GÜLER S., Dogan M. E., Bozdogan S. T., Yozgat A. K., ÖZCAN A., Sahinoglu E. P., Tokgoz H., et al.
BRITISH JOURNAL OF HAEMATOLOGY, vol.205, no.1, pp.236-242, 2024 (SCI-Expanded)

II. **EVs vs. EVs: MSCs and Tregs as a source of invisible possibilities**
Heydari Z., Peshkova M., GÖNEN Z. B., Coretchi I., Eken A., YAY A. H., Dogan M. E., GÖKÇE N., AKALIN H., Kosheleva N., et al.
Journal of Molecular Medicine, vol.101, no.1-2, pp.51-63, 2023 (SCI-Expanded)

III. **A novel MTX2 gene splice site variant resulting in exon skipping, causing the recently described mandibuloacral dysplasia progeroid syndrome**
Dogan B. Y., Gunay N., Ada Y., DOĞAN M. E.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.191, no.1, pp.173-182, 2023 (SCI-Expanded)

IV. **Germline landscape of BRCAs by 7-site collaborations as a BRCA consortium in Turkey**
BİŞGİN A., ÖZEMRİ SAĞ Ş., DOĞAN M. E., Yildirim M. S., Gumus A. A., Akkus N., Balasar O., Durmaz C. D., Ersoz R., Altiner S., et al.
BREAST, vol.65, pp.15-22, 2022 (SCI-Expanded)

V. **A novel missense mutation outside the DNAJ domain of DNAJC21 is associated with Shwachman-Diamond syndrome**
Alsavaf M. B., Verboon J. M., DOĞAN M. E., Azizoglu Z. B., Okus F. Z., ÖZCAN A., DÜNDAR M., EKEN A., ALTUNTAŞ H., Sankaran V. G., et al.
BRITISH JOURNAL OF HAEMATOLOGY, vol.197, no.6, 2022 (SCI-Expanded)

VI. **Varied phenotypic spectrum presenting of paroxysmal exercise-induced dyskinesia: a Turkish family with SLC2A1 mutation**
GÜLTEKİN M., DOĞAN M. E., Simsir G., Basak A. N.
NEUROLOGICAL SCIENCES, vol.42, no.11, pp.4751-4754, 2021 (SCI-Expanded)

VII. **Refractory and Fatal Presentation of Severe Autoimmune Hemolytic Anemia in a Child With the DNASE1L3 Mutation Complicated With an Additional DOCK8 Variant.**
Paç K., Witzel M., Unal E., Rohlfs M., Akyildiz B., Dogan M. E., Poyrazoglu H., Klein C., Patiroglu T.
Journal of pediatric hematology/oncology, vol.43, no.3, 2021 (SCI-Expanded)

VIII. **Clinicopathological features of patients with ovarian and breast cancer with BRCA mutation.**
Ozkan M., Firat S. T., Cosar R., Bozkurt O., Inanc M., Dogan M. E.
JOURNAL OF CLINICAL ONCOLOGY, vol.38, no.15, 2020 (SCI-Expanded)

IX. **Effects of thymoquinone in prevention of experimental contrast-induced nephropathy in rats.**
Topaloglu U. S., SİPAHİOĞLU M. H., Gunturk I., AKGÜN H., DOĞAN M. E., Sonmez G., Elmali F., YAZICI C.
Iranian journal of basic medical sciences, vol.22, no.12, pp.1432-1439, 2019 (SCI-Expanded)

X. **The molecular basis and genotype-phenotype correlations of congenital adrenal hyperplasia (CAH) in Anatolian population.**
DÜNDAR A., BAYRAMOV R., ÖNAL M. G., AKKUŞ M., DOĞAN M. E., KENANOĞLU S., Gunes M. C., KAZIMLI U., ÖZBEK M. N., ERCAN O., et al.
Molecular biology reports, vol.46, no.4, pp.3677-3690, 2019 (SCI-Expanded)

XI. **Increased vitamin D receptor gene expression and rs11568820 and rs4516035 promoter polymorphisms in autistic disorder**
Balta B., GÜMÜŞ H., BAYRAMOV R., Bayramov K. K., Erdogan M., Oztop D. B., DOĞAN M. E., TAHERİ S., DÜNDAR M.
MOLECULAR BIOLOGY REPORTS, vol.45, no.4, pp.541-546, 2018 (SCI-Expanded)

XII. **Comorbidity of the congenital absence of the vas deferens**
Akinsal E., Baydilli N., Dogan M. E., Ekmekcioglu O.
ANDROLOGIA, vol.50, no.4, 2018 (SCI-Expanded)

XIII. **NF1 gene variant allele frequencies comparison of Turkish population with databases**
BAYRAMOV R., DOĞAN M. E., CERRAH GÜNEŞ M., ÖNAL M. G., BOZ M., ADA Y., ERYILMAZ H. N., KORKMAZ K., SAATÇİ Ç., ÖZKUL Y., et al.
Journal Of Biotechnology, 2017 (SCI-Expanded)

XIV. **Prenatal diagnosis of upper extremity malformations with ultrasonography: Diagnostic features and perinatal outcome.**
Kutuk M. S., ALTUN O., Tutus S., Dogan M. E., Ozgun M. T., Dundar M.
Journal of clinical ultrasound : JCU, vol.45, pp.267-276, 2017 (SCI-Expanded)

Articles Published in Other Journals

I. **47,XXX, 48,XXXX, 49,XXXXX: DIFFERENCES ANDSIMILARITIES**
Bayramov R., DOĞAN M. E., Korkmaz Bayramov K., Cerrah Güneş M., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
Erciyes Medical Journal, 2018 (Peer-Reviewed Journal)

II. **A CASE OF SEVERE HYPOCHROMIC ANEMIA: TRISOMY 10p**
Cerrah Güneş M., DOĞAN M. E., Bayramov R., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
Erciyes Medical Journal, 2018 (Peer-Reviewed Journal)

III. **Comparison of Different Dialysis Modalities in End-Stage Renal Disease Patients with Acute Dialysis Requirement**
KOÇYİĞİT I., Doğan İ., YAZICI C., EROĞLU E., ÜNAL A., Dogan M. E., SİPAHİOĞLU M. H., OYMAK O., TOKGÖZ B., TOKGÖZ B.
TURKISH NEPHROLOGY DIALYSIS AND TRANSPLANTATION JOURNAL, vol.26, no.3, pp.298-304, 2017 (ESCI)

Books & Book Chapters

I. **Yoğun Bakım Genomiği**
ÖZKUL Y., DOĞAN M. E.
in: YOĞUN BAKIM, PROF.DR. IŞIL ÖZKOÇAK TURAN, PROF.DR. VOLKAN HANCI, Editor, AKADEMİSYEN KİTAP EVİ (LANGE), Ankara, pp.1067-1084, 2018

II. **YENİ NESİL DİZİLEME TEKNOLOJİLERİ**
DOĞAN M. E., BAYRAMOV R., DÜNDAR M.
in: GÜNCEL BİYOTEKNOLOJİ VE UYGULAMALARI, Dündar M., Bağış H., Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.371-394, 2017

III. **Bireysel Tıp**
DÜNDAR M., DOĞAN M. E.
in: Tıbbi Genetik ve Klinik Uygulamaları, munis dündar, Editor, mgrup matbaacılık, Kayseri, pp.1147-1162, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **A novel variant in the EFTUD2 gene is associated with mandibulofacial dysostosis with microcephaly in a Turkish patient and her mother**
KIRANATLIOĞLU K., DOĞAN M. E., Kazımlı U., Akyürek E., CANPOLAT M., ÖZKUL Y., DÜNDAR M.
V. Uluslararası Erciyes Tıp Genetik Günleri, 20 - 22 February 2020, vol.31

II. **A novel variant in the SLC2A2 gene associated with glycogen storage disease type XI**
Özçelik F., KADIOĞLU YILMAZ B., BAYSAL K., KARASU N., DOĞAN M. E., KARDAŞ F., DÜNDAR M.
V. Uluslararası Erciyes Tıp Genetik Günleri, 20 - 22 February 2020, vol.31

III. **COMBINATION OF TWO RARE GENETIC DISEASES OF FANCONI APLASTIC ANEMIA AND 46,X,DEL(X)(Q23) IN A TURKISH GIRL**
GÖK V., DOĞAN M. E., YILMAZ E., ÖZCAN A., TORUN Y., AYDIN F., PER H., ÜNAL E., KARAKÜKCÜ M., PATIROĞLU T.
EHA 2020, 11 - 13 June 2020

IV. **A novel EDAR gene variant causing autosomal dominant hypohidrotic ectodermal dysplasia**
BAYSAL K., DOĞAN M. E., Kazımlı U., Boyyadoğlu Ç., COŞKUN N., Akkuş M., KARTAL D., DÜNDAR M.
V. Uluslararası Katılımlı Erciyes Tıp Genetik Günleri Kongresi, Nevşehir, Turkey, 20 - 22 February 2020, vol.31, pp.1

V. **Familial Mediterranean fever looking into ten years'xx experience**
BAYRAMOV R., DOĞAN M. E., AYNEKİN B., EMEKLİ R., YAVUZ F., CERRAH GÜNEŞ M., YILMAZ A. Z., ÖZKUL Y., DÜNDAR M.
51st European Society of Human GeneticsConference, Milan, Italy, 16 - 19 June 2018, vol.27, pp.903

VI. **A case with multiple dislocations associated Larsen Syndrome a novel variant of FLNB gene**
ARSLAN S. B., Acar Dirican Ö., CERRAH GÜNEŞ M., DOĞAN M. E., PER H., DÜNDAR M.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019, vol.22

VII. **A de novo novel frameshift variant in the penultimate exon of FBN1 gene cause of rare Marfan lipodystrophy syndrome**
DOĞAN M. E., DÜNDAR M.
13th Balkan Congress of Human Genetics, 17 - 20 April 2019, vol.22, pp.69

VIII. **A novel missense variant in the homogentisate 1,2-dioxygenase (HGD) gene in a patient with clinical symptoms of alkaptonuria.**
KAZIMLI U., DOĞAN M. E., BAYSAL K., ÖZKUL Y., ŞENEL S., DÜNDAR M.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019, vol.22, pp.166

IX. **Molecular pathological evaluationof Alport syndrome**
BAŞGÖZ N., DOĞAN M. E., COŞKUN N., ÖNAL M. G., SİPAHİOĞLU M. H., DURSUN İ., SAATÇİ Ç., DÜNDAR M., ÖZKUL Y.
International Participated Erciyes Medical Genetics Days, Kayseri, Turkey, 21 - 23 February 2019

X. **Identification and frequency of CFTR gene variants**
KENANOĞLU S., BOZ M., NESLİHAN B., COŞKUN N., BADUR MERMER D., ÖNAL M. G., DOĞAN M. E., SAATÇİ Ç., ÖZKUL Y., EKMEÇİOĞLU O., et al.
International Participated Erciyes Medical Genetics Days, Kayseri, Turkey, 21 - 23 February 2019

XI. **Gene variants of Congenital Adrenal Hyperplasia in Anatolian population**
BAYRAMOV R., DÜNDAR A., DOĞAN M. E., AKKUŞ M., POLAT S., HATİPOĞLU N., ÜNLÜHİZARCI K., CERRAH GÜNEŞ M., KORKMAZ BAYRAMOV K., ÖZKUL Y., et al.
European Biotechnology Congress 2018, Atina, Greece, 26 - 28 April 2018, vol.280, pp.21

XII. **Two novel missense variants of FGFR2 gene in two patients with Pfeiffer Syndrome Type 3**
Doğan M. E., Dundar B., Gunes M. C., Bayramov R., Karaduman N. K., Per H., Dündar M.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280

XIII. **NF1 gene variant allele frequencies comparison of Turkish population with databases**
BAYRAMOV R., DOĞAN M. E., GUNES M. C., UNAL M. G., BOZ M., ADA Y., ERYILMAZ H. N., BAYRAMOV K. K., SAATÇİ Ç., ÖZKUL Y., et al.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256

XIV. **Retrospective results of 18 years prenatal diagnosis cases and its evaluation**
BAYRAMOV R., Kutuk M. S., KENANOGLU S., GUNES M. C., DOĞAN M. E., ÖZKUL Y., SAATÇİ Ç., DÜNDAR M.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256

XV. **Frequency of chromosome variants in families with recurrent pregnancy loss and statistical analysis of infertility**
GUNSILI B., BAYRAMOV R., KENANOGLU S., DOĞAN M. E., GUNES M. C., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256

XVI. **The correlation of genotype-phenotype of FMF disease and its review of statistical data**
YAVUZ F., BAYRAMOV R., KENANOGLU S., DOĞAN M. E., GUNES M. C., BOZ M., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256

XVII. **Prenatal diagnosis of a foetus with partial monosomy 4p and partial trisomy 13q**
DOĞAN M. E., Kutuk M. S., BAYRAMOV R., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256

XVIII. **GENERAL REVIEW OF STATISTICAL DATA IN FMF DISEASEAND GENOTYPE-PHENOTYPE CORRELATION**
YAVUZ F., BAYRAMOV R., DOĞAN M. E., CERRAH GÜNEŞ M., BOZ M., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
ERCİYES MEDİCAL GENETİCS DAYS 2017, Turkey, 11 - 13 May 2017

XIX. **Prenatal diagnosis of upper extremity malformations with ultrasonography diagnostic features and perinatal outcome**
KÜTÜK M. S., altun ö., tutuş ş., DOĞAN M. E., ÖZGÜN M. T., DÜNDAR M.
26th World Congress on Ultrasound in Obstetrics and Gynecology, Roma, 24 - 28 September 2016, vol.48, pp.315

XX. **A novel nonsense mutation in GALNS gene in family with MPS4A diagnosed child**
GUNES M. C., BAYRAMOV R., BOYUKOGLAN R., DOĞAN M. E., BAYRAMOV K. K., DÜNDAR M.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

XXI. **A case of XYY male patient with micropenis**

Bayramov R., GUNES M. C., DOĞAN M. E., BOYUKOGLAN R., BAYRAMOV K. K., DÜNDAR M.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

XXII. **Lack of amplification in next generation sequencing? Check for deletions.**
Bayramov R., DOĞAN M. E., CERRAH GÜNEŞ M., Korkmaz Bayramov K., ADA Y., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
European Conference of Human Genetics 2016, Barselona, Spain, 21 - 24 May 2016, vol.24, pp.475-476

XXIII. **Guidelines for the evaluation of the sequence variants**
DOĞAN M. E.
Medical Genetics and Clinical Applications (with International Participation) Congress, Kayseri, Turkey, 11 - 13 February 2016, vol.38, pp.20

XXIV. **A RARE CASE OF 14Q31 DELETION LOSS OF NRXN3 GENE IN PATIENT DIAGNOSED WITH AUTISM SPECTRUM DISORDER**
KARADUMAN N., BAYRAMOV R., DOĞAN M. E., CERRAH GÜNEŞ M., HEJAZİ N., BÜYÜKOĞLAN R., GÜNDÜZ C., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
ULUSLARARASI KATKILI GEVHER NESİBE TIP GÜNLERİ 2016, Turkey, 11 - 13 February 2016

XXV. **DETERMINATION OF DELETIONS WITH LACK OF AMPLIFICATION IN NEXT GENERATION SEQUENCING**
BAYRAMOV R., DOĞAN M. E., CERRAH GÜNEŞ M., KORKMAZ BAYRAMOV K., ADA Y., SAATÇİ Ç., ÖZKUL Y., DÜNDAR M.
ULUSLARARASI KATKILI GEVHER NESİBE TIP GÜNLERİ 2016, Turkey, 11 - 13 February 2016

XXVI. **A case with 49, XXXXY syndrome: rare chromosomal aneuploidies**
ERDOĞAN M., SUBAŞIOĞLU A., ÖZDEMİR S. Y., BAHADIR O., ÇOLAK F., DOĞAN M. E., BALTA B., SAATÇİ Ç., DÜNDAR M.
European Biotechnology Congress 2011, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, pp.106

XXVII. **Prenatally detected de novo 46, XX, t(2121)(p12p12) at chorionic villus sampling**
DOĞAN M. E., Çolak F., SUBAŞIOĞLU A., Erdoğan M., ÖZDEMİR S. Y., Balta B., Bahadır O., SAATÇİ Ç., DÜNDAR M.
European Biotechnology Congress 2011, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, pp.107

XXVIII. **A case of 46, XX, t(217)(q37.1q25) with recurrent miscarriage**
ÇOLAK F., DOĞAN M. E., SUBAŞIOĞLU A., ERDOĞAN M., ÖZDEMİR S. Y., BALTA B., BAHADIR O., ÖZKUL Y., DÜNDAR M.
European Biotechnology Congress 2011, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, pp.107

Supported Projects

SAATÇİ Ç., DOĞAN M. E., ERYILMAZ H. N., AKBAROVA Y., CANÖZ Ö., ADA Y., Project Supported by Higher Education Institutions, Akciğer Tümörlerinde RAS p21 Protein Aktivatör 2 RASA2 Geninin Rolünün Araştırılması, 2016 - 2017

ÖZKUL Y., AKALIN H., DOĞAN M. E., AKBAROVA Y. Y., ÖZTOP D. B., İnce Doğan B., Project Supported by Higher Education Institutions, Dikkat Eksikliği Hiperaktivite Bozukluğu olan Çocuk Hastalarda Aday Genlerin Expresyonlarının Araştırılması, 2012 - 2017

DÜNDAR M., AKALIN H., CANÖZ Ö., KARACA H., DOĞAN M. E., AKBAROVA Y., Project Supported by Higher Education Institutions, Akciğer Adenokarsinomlarının Etiyolojisinde APOBEC (apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like) Gen Ailesinin Rolünün Araştırılması, 2014 - 2015

DÜNDAR M., SAATÇİ Ç., DOĞAN M. E., AKALIN H., Project Supported by Higher Education Institutions, Otomatik Metafaz Tarama ve Görüntü Analiz Sistemi ile Nadir Mozaik Vakaların Belirlenmesi, 2014 - 2015

ŞAKALAR Ç., SEZEN S., CANATAN H., SÖNMEZ M. F., COLLOMBAT P., AKSU H., ÇAKIR M., TURAN A., ÖZKUL Y., İZGİ K., et al., Project Supported by Higher Education Institutions, G Maddesi ve Thymoquinone'nun Diyabet Fare Modelinde Pankreas Beta Hücrelerinin Yenilenmesi Üzerine Etkilerinin Histolojik Olarak ve Gen Ekspresyon Düzeyinde İncelenmesi, 2014 - 2015

Metrics

Publication: 48
Citation (WoS): 44
Citation (Scopus): 49
H-Index (WoS): 4
H-Index (Scopus): 4