Assoc. Prof. MEHMET BURAK DURMAZ

Personal Information

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Education Information

Doctorate, Ege Üniversitesi, Sağlık Bilimleri Enstitüsü - Tıp Fakültesi, Çocuk Sağlığı Ve Hastalıkları - Genetik Doktora Programı, Turkey 2005 - 2009
Under Graduate, Ege Üniversitesi, Tıp Fakültesi, Turkey 1997 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Tek Hücrede Real Time PCR İle Beta Talasemi Mutasyonlarının Tanımlanması, Ege Üniversitesi, Tıp Fakültesi, Çocuk Sağlığı Ve Hastalıkları - Genetik Bilim Dalı, 2009

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Medical Genetics

Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Tıp Fakültesi, Tıbbi Genetik, 2015 - Continues
Expert, Ege Üniversitesi, Tıp Fakültesi, Tıbbi Genetik, 2009 - 2015
Research Assistant, Ege University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü, 2005 - 2009

Courses

Genetik Uygulamalar (G1-2-3-4), Under Graduate, 2019 - 2020
Panel “Genetik Danışma 2”, Under Graduate, 2019 - 2020
Panel “Genetik Danışma”, Under Graduate, 2019 - 2020
Sağlık Bilimleri Fakültesi Beslenme ve Diyetetik Bölümü “Genetik Dersi”, Under Graduate, 2019 - 2020
Mühendislik Fakültesi Biyomühendislik Bölümü “Genetik” Dersi , Under Graduate, 2018 - 2019
Kollagen Doku Hastalıklarında Genetik Yatkınlık, Under Graduate, 2019 - 2020
İnsan Genomu, Under Graduate, 2019 - 2020
Boşaltım Sisteminde Genetik Ve Genetik Danışma, Under Graduate, 2019 - 2020
Mühendislik Fakültesi Biyomühendislik Bölümü Genetik Dersi , Under Graduate, 2017 - 2018

Advising Theses

Durmaz M. B. , Türk Toplumunda AZF Mikrodelesyonu Saptanan Olgularda Genotip-Fenotip İlişkisinin Araştırılması, Expertise In Medicine, E.UZAY(Student), 2019

Jury Memberships

Doctorate, Doktora Tez Savunması Jürisi, Celal Bayar Üniversitesi, Sağlık Bilimleri Enstitüsü, Antrenörlük Eğitimi Anabilim Dalı, June, 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. **Antiproliferative effect of rosehip tea phenolics in prostate cancer cell lines**
ÖZGÖNÜL A. M. , AŞIK A., Durmaz B., Aslaminabad R., GÜNDÜZ C., YILDIRIM SÖZMEN E.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, pp.423-428, 2020 (Journal Indexed in SCI)

II. **Co-occurrences of polymorphic heterochromatin regions of chromosomes and effect on reproductive failure.**
Karaca Y., Pariltay E., Mardan L., Karaca E., Durmaz A., Durmaz B., Aykut A., Akin H., Cogulu O.
Reproductive biology, vol.20, pp.42-47, 2020 (Journal Indexed in SCI Expanded)

III. **Determination of Lymphocyte Cytokinesis-Block Micronucleus Values in Apparently Healthy Children by means of Age and Sex**
Durmaz B., Taslidere H., Koturoglu G., GÜNDÜZ C., Orman M., Cogulu O.
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IV. **Fetal Gene Therapy Using a Single Injection of Recombinant AAV9 Rescued SMA Phenotype in Mice**
Rashnonejad A., Chermahini G. A. , GÜNDÜZ C., ONAY H., AYKUT A., Durmaz B., BAKA M., Su Q., Gao G., Ozkinay F. F.
MOLECULAR THERAPY, vol.27, pp.2123-2133, 2019 (Journal Indexed in SCI)

V. **Genetic factors associated with the predisposition to late onset Alzheimer's disease**
DURMAZ A., Kumral E., Durmaz B., ONAY H., Aslan G. I. , Ozkinay F. F. , Pehlivan S., Orman M., Cogulu O.
GENE, vol.707, pp.212-215, 2019 (Journal Indexed in SCI)

VI. **Cytogenetic analysis of miscarriage materials of couples with recurrent pregnancy loss at a high-volume tertiary center**
Akın H., Karaca E., Hortu İ., Bolat H., Çengisiz Z., Kazandı M., Durmaz M. B. , Aykut A., Durmaz A., Çoğulu M. Ö.
Clinical And Experimental Obstetrics & Gynecology, vol.66, 2019 (Journal Indexed in SCI Expanded)

VII. **Cytogenetic analysis of miscarriage materials of couples with recurrent pregnancy loss in a tertiary center**
Akın H., Karaca E., Hortu İ., Bolat H., Cengisiz Z., Kazandı M., Durmaz B., Aykut A., Durmaz A., Cogulu O.
CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.46, pp.423-426, 2019 (Journal Indexed in SCI)

VIII. **The relationship between ACTN3 R577X gene polymorphism and physical performance in amateur soccer players and sedentary individuals**
Koku F. E. , Karamizrak S. O. , Ciftci A. S. , Taslidere H., Durmaz B., Cogulu O.
BIOLOGY OF SPORT, vol.36, pp.9-16, 2019 (Journal Indexed in SCI)

IX. **MicroRNA Expression Profile in the Prenatal Amniotic Fluid Samples of Pregnant Women with Down Syndrome**
Karaca E., Aykut A., Erturk B., Durmaz B., GULER A., Buke B., Yeniel A. O. , Ergenoglu A. M. , Ozkinay F., OZEREN M., et al.
BALKAN MEDICAL JOURNAL, vol.35, pp.163-166, 2018 (Journal Indexed in SCI)

X. **Evaluation of the miRNA profiling and effectiveness of the propolis on B-cell acute lymphoblastic leukemia cell line**

Yilmaz U. C. , Bagca B. G. , Karaca E., Durmaz A., Durmaz B., Aykut A., Kayalar H., Ayci Ç., Susluer S. Y. , Gunduz C., et al.
BIOMEDICINE & PHARMACOTHERAPY, vol.84, pp.1266-1273, 2016 (Journal Indexed in SCI)

XI. **Prenatal Evaluation of MicroRNA Expressions in Pregnancies with Down Syndrome**
Erturk B., Karaca E., Aykut A., Durmaz B., GULER A., Buke B., Yeniel A. O. , Ergenoglu A. M. , Ozkinay F., OZEREN M., et al.
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XII. **A FURTHER PATIENT OF PURE 15q DELETION: CLINICAL AND MOLECULAR CYTOGENETIC FINDINGS**
Solmaz A., Durmaz B., Braekeleer M. D. , Cogulu O., Ozkinay F.
GENETIC COUNSELING, vol.27, pp.1-8, 2016 (Journal Indexed in SCI)

XIII. **In vitro gene manipulation of spinal muscular atrophy fibroblast cell line using gene-targeting fragment for restoration of SMN protein expression**
Rashnonejad A., Gunduz C., Susluer S. Y. , Onay H., Durmaz B., BANDEHPOUR M., Ozkinay F. F.
GENE THERAPY, vol.23, pp.10-17, 2016 (Journal Indexed in SCI)

XIV. **EVALUATION OF PREIMPLANTATION GENETIC ANEUPLOIDY SCREENING CASES AT A REFERENCE GENETICS CENTER: 10 YEARS' EXPERIENCE**
Durmaz B., Karaca E., GOKER E. N. T. , TAVMERGEN E., SAHIN G., AKDOGAN A., YASAR B. P. , Gunduz C., Ozkinay F. F.
GENETIC COUNSELING, vol.27, pp.461-470, 2016 (Journal Indexed in SCI)

XV. **Genes that Affect Brain Structure and Function Identified by Rare Variant Analyses of Mendelian Neurologic Disease**
KARACA E., HAREL T., PEHLIVAN D., JHANGIANI S. N. , GAMBIN T., AKDEMIR Z. C. , GONZAGA-JAUREGUI C., Erdin S., BAYRAM Y., CAMPBELL I. M. , et al.
NEURON, vol.88, pp.499-513, 2015 (Journal Indexed in SCI)

XVI. **Association of mannose binding lectin codon 54 polymorphism with predisposition to Henoch-Schonlein purpura in childhood**
Durmaz B., AYKUT A., HURSITOGLU G., BAK M., SERDAROGLU E., ONAY H., OZKINAY F.
INTERNATIONAL JOURNAL OF RHEUMATIC DISEASES, vol.17, pp.317-320, 2014 (Journal Indexed in SCI)

XVII. **GENOME-WIDE COPY NUMBER VARIATION ANALYSIS IN IDIOPATHIC INTELLECTUAL DISABILITY/MULTIPLE CONGENITAL ANOMALIES**
Pariltay E., Durmaz A., Durmaz B., Aykut A., Onay H., Ak H., Aydin H. H. , Ozkinay F. F. , Cogulu O.
GENETIC COUNSELING, vol.25, pp.221-229, 2014 (Journal Indexed in SCI)

XVIII. **Prospective Evaluation of Whole Genome MicroRNA Expression Profiling in Childhood Acute Lymphoblastic Leukemia**
DUYU M., DURMAZ B., GÜNDÜZ C., VERGIN C., Karapinar D. Y. , AKSOYLAR S., KAVAKLI K., Cetingul N., Irken G., YAMAN Y., et al.
BIOMED RESEARCH INTERNATIONAL, 2014 (Journal Indexed in SCI)

XIX. **The missing "link": an autosomal recessive short stature syndrome caused by a hypofunctional XYLT1 mutation**
SCHREML J., DURMAZ B., Cogulu O., KEUPP K., BELEGGIA F., POHL E., MILZ E., ÇOKER M., UCAR S. K. , NUERNBERG G., et al.
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XX. **A hypofunctional PAX1 mutation causes autosomal recessively inherited otofaciocervical syndrome**
POHL E., Aykut A., BELEGGIA F., KARACA E., Durmaz B., KEUPP K., ARSLAN E., ONAY M. P. , YIGIT G., OZKINAY F., et al.
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XXI. **The association of RANK gene C421T and C575T polymorphisms with bone mineral density in postmenopausal Turkish women**
ISLETEN B., DURMAZ B., Durmaz B., ONAY H., OZKINAY F., DURMAZ A., TURAN V., OZTEKIN K.
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XXII. **Partial trisomy 2p24-->pter and monosomy 18q22.1- qter resulting from parental translocation.**

ATİK T., DURMAZ B., YORGANCI O. U. , Cogulu O., KIOUTSOUK M., ÖZKINAY F. F.
Genetic counseling (Geneva, Switzerland), vol.24, pp.179-84, 2013 (Journal Indexed in SCI Expanded)

XXIII. **SUBTELOMERIC REARRANGEMENTS IN PATIENTS WITH IDIOPATHIC INTELLECTUAL DISABILITIY/MULTIPLE CONGENITAL ANOMALIES AND RECURRENT MISCARRIAGES: SEVEN YEARS' EXPERIENCE**
Durmaz B., Karaca E., Durmaz A., Atik T., Akin H., Cogulu O., Ozkinay F. F.
GENETIC COUNSELING, vol.24, pp.167-177, 2013 (Journal Indexed in SCI)

XXIV. **The Rate of Sex Chromosome Aneuploidies in Prenatal Diagnosis and Subsequent Decisions in Western Turkey**
Ataman E., Cogulu O., Durmaz A., Karaca E., Durmaz B., Akin H., Ozkinay F.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.16, pp.150-153, 2012 (Journal Indexed in SCI)

XXV. **The genotoxic effect of radiofrequency waves on mouse brain**
KARACA E., DURMAZ B., ALTUG H., YILDIZ T., GUDUCU C., IRGI M., KOKSAL M. G. C. , OZKINAY F., GÜNDÜZ C., COGULU O.
JOURNAL OF NEURO-ONCOLOGY, vol.106, pp.53-58, 2012 (Journal Indexed in SCI)

XXVI. **GENOTYPING OF beta-GLOBIN GENE MUTATIONS IN SINGLE LYMPHOCYTES: A PRELIMINARY STUDY FOR PREIMPLANTATION GENETIC DIAGNOSIS OF MONOGENIC DISORDERS**
Durmaz B., OZKINAY F., ONAY H., KARACA E., AYDINOK Y., TAVMERGEN E., Vrettou C., Traeger-Synodinos J., Kanavakis E.
HEMOGLOBIN, vol.36, pp.230-243, 2012 (Journal Indexed in SCI)

XXVII. **A new clinical presentation associated with pontine clefting, hyperpigmentation and short stature in addition to craniofacial, cardiac and developmental anomalies.**
Cogulu O., DURMAZ B., WOLLNIK B., DURMAZ A., DARCAN Ş., ÖZKINAY F. F.
Genetic counseling (Geneva, Switzerland), vol.23, pp.281-7, 2012 (Journal Indexed in SCI Expanded)

XXVIII. **Micronucleus evaluation for determining the chromosomal breakages after radionuclide synovectomy in patients with hemophilia**
Kavakli K., Cogulu O., Karaca E., Durmaz B., Ozkinay F., Aydogdu S., Ozkilic H., Balkan C., Karapinar D., Ay Y.
ANNALS OF NUCLEAR MEDICINE, vol.26, pp.41-46, 2012 (Journal Indexed in SCI)

XXIX. **A novel homozygous HESX1 mutation causes panhypopituitarism without midline defects and optic nerve anomalies**
DURMAZ B., Cogulu O., DIZDARER C., STOBBE H., PFAEFFLE R., OZKINAY F.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.24, pp.779-782, 2011 (Journal Indexed in SCI)

XXX. **The Association of Minor Congenital Anomalies and Childhood Cancer**
Durmaz A., Durmaz B., Kadioglu B., Aksoylar S., Karapinar D., Koturoglu G., Orman M. N. , Ozkinay F., Cogulu O.
PEDIATRIC BLOOD & CANCER, vol.56, pp.1098-1102, 2011 (Journal Indexed in SCI)

XXXI. **Reasons for Adult Referrals for Genetic Counseling at a Genetics Center in Izmir, Turkey: Analysis of 8965 Cases over an Eleven-Year Period**
Cogulu O., OZKINAY F., AKIN H., ONAY H., KARACA E., Durmaz A. A. , DURMAZ B., AYKUT A., PARILTAY E., KIRBIYIK O., et al.
JOURNAL OF GENETIC COUNSELING, vol.20, pp.287-293, 2011 (Journal Indexed in SCI)

XXXII. **Interview with parents of children with Down syndrome: their perceptions and feelings.**
Durmaz A., Cankaya T., Durmaz B., Vahabi A., Gunduz C., Cogulu O., Ozkinay F.
Indian journal of pediatrics, vol.78, pp.698-702, 2011 (Journal Indexed in SCI Expanded)

XXXIII. **Oculocerebral hypopigmentation syndrome maps to chromosome 3q27.1q29.**
CHABCHOUB E., Cogulu O., DURMAZ B., VERMEESCH J. R. , ÖZKINAY F. F. , FRYNS J. -.
Dermatology (Basel, Switzerland), vol.223, pp.306-10, 2011 (Journal Indexed in SCI Expanded)

XXXIV. **UNUSUAL PRESENTATION OF BILIARY ATRESIA SPLENIC MALFORMATION SYNDROME WITH AUTOSOMAL DOMINANT HYPOSPADIAS**
Tumgor G., Cogulu O., Onay H., Ekmekci A. Y. , Aydogdu S., Durmaz B., Kilic M., Ozkinay F. F.
GENETIC COUNSELING, vol.22, pp.347-351, 2011 (Journal Indexed in SCI)

XXXV. **Gonadotropin-Dependent Precocious Puberty in a Patient with X-Linked Adrenal Hypoplasia**

Congenita Caused by a Novel DAX-1 Mutation
Darcan S., GOKSEN D., ÖZEN S., OZKINAY F., Durmaz B., LALLI E.
HORMONE RESEARCH IN PAEDIATRICS, vol.75, pp.153-156, 2011 (Journal Indexed in SCI)

XXXVI. **A case of acute lymphoblastic leukemia with additional chromosomes X and 5 associated with a Philadelphia chromosome in the bone marrow**
Durmaz B., Durmaz A. A. , Karaca E., Saydam G., Cogulu O., Ozkinay F.
TURKISH JOURNAL OF HEMATOLOGY, vol.27, pp.299-302, 2010 (Journal Indexed in SCI)

XXXVII. **Long-term evaluation of chromosomal breakages after radioisotope synovectomy for treatment of target joints in patients with haemophilia**
Kavakli K., Cogulu O., Aydogdu S., Ozkilic H., Durmaz B., Kirbiyik O., Ozkinay F. F. , Balkan C., Karapinar D., Ay Y.
HAEMOPHILIA, vol.16, pp.474-478, 2010 (Journal Indexed in SCI)

XXXVIII. **Interferon-gamma gene and interferon-gamma receptor-1 gene polymorphisms in children with tuberculosis from Turkey**
Onay H., Ekmekci A. Y. , Durmaz B., Sayin E., Cosar H., Bayram N., CAN D., Akin H., Ozkinay C., Ozkinay F.
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES, vol.42, pp.39-42, 2010 (Journal Indexed in SCI)

XXXIX. **A Severe alpha Thalassemia Case Compound Heterozygous for Hb Adana in alpha(1) Gene and 20.5 kb Double Gene Deletion**
Durmaz A., AKIN H., EKMEKCI A. Y. , ONAY H., DURMAZ B., Cogulu O., AYDINOK Y., OZKINAY F.
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.31, pp.592-594, 2009 (Journal Indexed in SCI)

XL. **Evaluation of the SMN and NAIP genes in a family: homozygous deletion of the SMN2 gene in the fetus and outcome of the pregnancy.**
Cogulu O., Durmaz B., Pehlivan S., Alpman A., Ozkinay F. F.
Genetic testing and molecular biomarkers, vol.13, pp.287-8, 2009 (Journal Indexed in SCI Expanded)

XLI. **The evaluation of the referral reasons of patients at a tertiary pediatric genetic center in Izmir, Turkey.**
Durmaz B., Alpman A., Pariltay E., Akgul M., Ataman E., Kirbiyik O., Cogulu O., Ozkinay F.
Genetic testing and molecular biomarkers, vol.13, pp.163-6, 2009 (Journal Indexed in SCI Expanded)

XLII. **Pontocerebellar hypoplasia type III (CLAM): Extended phenotype and novel molecular findings**
DURMAZ B., WOLLNIK B., Cogulu O., LI Y., TEKGÜL H., HAZAN F., OZKINAY F.
JOURNAL OF NEUROLOGY, vol.256, pp.416-419, 2009 (Journal Indexed in SCI)

XLIII. **Prenatally Diagnosed Turner Syndrome and Cystic Hygroma: Incidence and Reasons for Referrals**
Alpman A., Cogulu O., AKGUL M., ARIKAN E. A. , DURMAZ B., KARACA E., SAĞOL S., OZKİNAY C., OZKINAY F.
FETAL DIAGNOSIS AND THERAPY, vol.25, pp.58-61, 2009 (Journal Indexed in SCI)

XLIV. **INTRACARDIAC ECHOGENIC FOCUS AND CYTOGENETIC ABNORMALITIES**
Kirbiyik O., Durmaz B., Cogulu O., Akin H., Avci C. B. , Gunduz C., Ercal D., Ozkinay F. F.
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XLV. **Precocious puberty in a patient with X linked adrenal Hypoplasia congenita due to DAX 1 mutation**
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XLVI. **Chronic myelogenous leukemia exhibiting trisomy 14 due to a Robertsonian translocation with philadelphia chromosome.**
Durmaz B., Karaca E., Vural F., Cogulu O., Alpman A., TOMBULOGLU M., OZKINAY F. F.
Acta oncologica (Stockholm, Sweden), vol.47, pp.1604-6, 2008 (Journal Indexed in SCI Expanded)

XLVII. **Congenital supratentorial cystic hemangioblastoma**
KARABAGLI H., KARABAGLI P., ALPMAN A., Durmaz B.
JOURNAL OF NEUROSURGERY, vol.107, pp.515-518, 2007 (Journal Indexed in SCI)

XLVIII. **The molecular mechanisms of mitosis and meiosis: Review**
Coglu O., Alpman A., Durmaz B., Oezkinay F. F.
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XLIX. **A case of epicanthus, telecanthus, high palate, transitional vertebra associated with vesicoureteral reflux**

COGULU O., DURMAZ B., OZKİNAY C., Ozkinay F. F.
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Articles Published in Other Journals

I. **ACTN3 R577X Polymorphism Does Not Influence Explosive Leg Muscle Power in Elite Turkish Volleyball Players**
ERGİN E., DİNÇ N., Yucel S. B. , TANELİ F., Durmaz B.
INTERNATIONAL JOURNAL OF APPLIED EXERCISE PHYSIOLOGY, vol.9, pp.245-252, 2020 (Journal Indexed in ESCI)

Books & Book Chapters

I. **Klinik, Muayene ve Laboratuvar Bulguları Belirgin Olan İskelet Displazileri**
DURMAZ M. B. , KARACA Y.
in: Türkiye Klinikleri - Tıbbi Genetik, İskelet Displazileri Özel Sayı, Prof. Dr. İlhan SEZGİN, Editor, Türkiye Klinikleri, pp.25-34, 2019

II. **Kardiyovasküler Sistem (Kalp-Dolaşım Sistemi)**
Durmaz M. B. , Uzay E., Levent R. E.
in: Down Sendromu A'dan Z'ye, Özgür Çoğulu, Editor, Nobel Yayın Dağıtım, Ankara, pp.58-65, 2018

III. **– Deri ve Ekleri**
Durmaz M. B. , Mardan L.
in: Down Sendromu A'dan Z'ye, Özgür Çoğulu, Editor, Nobel Yayın Dağıtım, Ankara, pp.92-100, 2018

IV. **Tıbbi Genetiğin Tarihçesi**
Akın H., Durmaz A., Aykut A., Çoğulu M. Ö. , Durmaz M. B. , Karaca E.
in: Tıbbi Genetik Laboratuvar ve Klinik, Özgür Çoğulu, Editor, Nobel Yayın Dağıtım, Ankara, pp.2-10, 2017

V. **Hastalıklara Yatkınlıklar**
Durmaz M. B. , Parıltay E., Ece Solmaz A.
in: Tıbbi Genetik Laboratuvar ve Klinik, Özgür Çoğulu, Editor, Nobel Yayın Dağıtım, Ankara, pp.367-370, 2017

VI. **Prenatal Tanı**
Durmaz M. B.
in: Tıbbi Genetik Laboratuvar ve Klinik, Özgür Çoğulu, Editor, Nobel Yayın Dağıtım, İzmir, pp.325-335, 2017

VII. **Nörolojik Genetik Hastalıklar**
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VIII. **Nörolojik Hastalıklar ve Genetiği**
Durmaz M. B.
in: Tıbbi Genetik ve Klinik Uygulamaları, Munis Dündar, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.767-819, 2016

IX. **Metabolik Hastalıklar ve Genetiği**
Karaca E., Canda E., Kalkan Uçar S., Parıltay E., Durmaz A., Durmaz M. B. , Aykut A., Çoğulu M. Ö.
in: Tıbbi Genetik ve Klinik Uygulamaları, Munis Dündar, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.979-1012, 2016

X. **The Role of Next Generation Sequencing in Genetic Counseling**
Durmaz M. B. , Durmaz A.
in: Clinical Applications for Next-Generation Sequencing, Urszula Demkow, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.241-258, 2016

XI. **Dysmorphology of Skin and Its Appendages**
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in: Atlas of Dysmorphology and Diagnosis, Munis Dündar, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.337-

432, 2015

XII. **Meme Kanserine Moleküler ve Genetik Yaklaşım**
Çoğulu M. Ö. , Durmaz A., Karaca E., Durmaz M. B.
in: Meme Kanserinin Genetik Temeli, Ayfer Haydaroğlu, Editor, Ege Üniversitesi, İzmir, pp.259-280, 2011

Refereed Congress / Symposium Publications in Proceedings

I. **Evaluation of 22q11.2 anomalies via two pediatric patients**
AYYILDIZ EMECEN D., Akgün B., Işık E., KALYONCU A., PARILTAY E., KARACA E., DURMAZ M. B. , ÇOĞULU M. Ö. , ATİK T., ÖZKINAY F. F.
13th Balkan Congress of Human Genetics, 17 - 20 April 2019

II. **Gain of 1q21 locus in a multiple myeloma patient**
Arıcan D., Durmaz M. B. , Karaca E., Tombuloğlu M.
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III. **Düzenli Aerobik Egzersizin Paraoksonaz 1 Enzim Proteini Ve Aktivitesi Üzerine Etkileri Ve Paraoksonaz 1 L55m Polimorfizminin Rolü**
MAYİLOV H., TURGAY F., YİĞİTTÜRK O., TURGAY F., TURGAY F.
2.Dünya Spor Bilimleri Araştırmaları Kongresi, Manisa, Turkey, 21 March 2019, pp.458-459

IV. **Akut Myeloblastik Lösemi'de Kromozomal Yeniden Düzenlemelerin Tespiti: Standart Sitogenetik ve FISH Yöntemleri Arasında Bir Karşılaştırma**
Arıcan D., Arslan Davulcu E., Karaca E., Saydam G., Akın H., Şahin F., Çoğulu M. Ö. , Soyer N., Emekdaş B., Durmaz M. B.
5. Ege Hematoloji Onkoloji Kongresi, İzmir, Turkey, 15 - 17 March 2019

V. **Myelodisplastik Sendrom Tanısında Karyotip ve FISH Analizlerinin Kullanımının Değerlendirilmesi**
Uzay E., Arslan E., DURMAZ M. B. , ŞAHİN F., ÇOĞULU M. Ö. , SAYDAM G., AKIN H., SOYER N., KARACA E.
5. Ege Hematoloji Onkoloji Kongresi, Turkey, 15 - 17 March 2019

VI. **Boy kısalıklarında sitogenetik, moleküler sitogenetik ve moleküler genetik testler hangi olgularda ne zaman istenir**
DURMAZ M. B.
3. Ege Endokrin Hastalıklar ve Genetik Sempozyumu, Turkey, 7 - 09 March 2019

VII. **Hematolojik malignitelerde moleküler sitogenetik belirteçler**
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VIII. **Futbol hakemlerİnde düzenlİ aerobİk egzersİzİn hepsİdİn ve hematolojİk parametreler üzerine etkİsİ ve TMPRSS6 rs855791 polİmorfİzmİnİn rolü**
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IX. **Düzenli Aerobik Egzersizin Paraoksonaz 3 (PON3) ve Paraoksonaz 2 (PON2) Protein Düzeyleri Üzerine Etkisi Ve PON3-746Ve PON2-S311C Polimorfizminin Rolü**
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X. **DÜZENLİ AEROBİK EGZERSİZİN KAN NİTRİK OKSİT VE ENDOTELYAL NİTRİK OKSİT SENTAZ (ENOS) PROTEİN DÜZEYİ ÜZERİNE ETKİLERİ VE ENOS İNTRON 4A/B POLİMOFİZMİNİN ROLÜ**
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XI. **Erkek Sporcularda Monokarboksilat Taşıyıcı 1–T1470A Polimorfizminin Kan Laktat Birikimi Ve Laktat Eliminasyon Hızı Üzerine Etkileri**
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XII. **Prospective Evaluation of Chromosomal Breakages in Hemophiliac Children after Radioisotope**

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ULUKUŞ M., ACET F., TAVMERGEN E., TAVMERGEN GÖKER E. N. , KARACA E., ŞAHİN Ç., CHARKAZOVA N., DURMAZ M. B. , ŞAHİN G., Project Supported by Higher Education Institutions, Endometriozisin oosit kalitesi üzerine etkisinde miRNA'ların yeri, 2020 - Continues
TURGAY F., BALCI G. A. , YİĞİTTÜRK O., KIRMIZIGİL B., Chauchat J. R. , DURMAZ M. B. , Project Supported by Higher Education Institutions, Akut maksimal bir egzersizin serum eşleşme bozucu protein 1 (UCP1) düzeyi üzerine etkisi ve UCP1-3826 A/G polimorfizminin rolü, 2019 - Continues
TURGAY F., YİGİTTÜRK O., DURMAZ M. B. , MAYILOV H., Project Supported by Higher Education Institutions, AEROBİK EGZERSİZİN PARAOKSONAZ 3 PROTEİN DÜZEYLERİ ÜZERİNE ETKİSİ VE PARAOKSONAZ 3-746 VE PARAOKSONAZ 3-567 POLİMORFİZMİNİN ROLÜ, 2018 - 2020
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DURMAZ M. B. , GÜNDÜZ C., AKSOYLAR S., YILMAZ SÜSLÜER S., ÇOĞULU M. Ö. , GÖKER BAĞCA B., SHAMSALI M., Project Supported by Higher Education Institutions, ÇOCUKLUK ÇAĞI AKUT LENFOBLASTİK LÖSEMİ HÜCRE HATLARINDA MİR-146A,MİR-155 VE MİR-181AYA ÖZGÜN ANTİ-MİR VE PREDNİZOLON UYGULAMALARININ LENFOBLASTLAR ÜZERİNDEKİ İN VİTRO ANTİKANSER ETKİNLİĞİNİN DEĞERLENDİRİLMESİ., 2016 - 2020
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TURGAY F., YİGİTTÜRK O., YOL UÇAR Y., DURMAZ M. B. , MAYILOV H., Project Supported by Higher Education Institutions, DÜZENLİ AEROBİK EGZERİSİZİN KAN NİTRİK OKSİT VE ENDOTEL NİTRİK İKSİT SENTAZ PROTEİN DÜZEYİ ÜZERİNE ETKİSİ VE ENDOTEL NİTRİK OKSİT SENTAZ INTRON 4A/B POLİMOFİZMİNİN ROLÜ, 2018 - 2019
ÇOĞULU M. Ö. , AKIN H., DURMAZ A., AYKUT A., KARACA E., DURMAZ M. B. , Project Supported by Higher Education Institutions, HEMATOLOJİK MALİGNİTELERDE YAYGIN PROGNOSTİK FAKTÖR OLARAK KULLANILAN KROMOZOMAL DEĞİŞİKLİKLERİN GÖSTERİLMESİ., 2016 - 2018

Activities in Scientific Journals

Türkiye Klinikleri Dergileri , Advisory Committee Member, 2016 - Continues
Journal of Pediatric Genetics, Assistant Editor, 2010 - 2013
Turkish Journal of Biology, Special Issue Editor, 2012 - 2012

Memberships / Tasks in Scientific Organizations

Member, 2007 - Continues
Member, 2007 - Continues
Member, 2006 - Continues
Member, 2005 - Continues

Scientific Refereeing

SCIENCE, SCI Journal, February 2020
MINI-REVIEWS IN MEDICINAL CHEMISTRY, SCI Journal, January 2020
BIOMEDICINE & PHARMACOTHERAPY, SCI Journal, May 2019
HEMATOLOGY, SCI Journal, April 2019
CASE REPORTS IN PEDIATRICS, SCI Journal, April 2019
FRONTIERS IN GENETICS, SCI Journal, March 2019
BIOMEDICINE & PHARMACOTHERAPY, SCI Journal, February 2019
BMC MEDICAL GENETICS, SCI Journal, January 2019
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Journal of Assisted Reproduction and Genetics, SCI Journal, March 2018
Biomedicine & Pharmacotherapy, SCI Journal, February 2018
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Journal of Assisted Reproduction and Genetics, SCI Journal, June 2017
Systems Biology in Reproductive Medicine, SCI Journal, April 2017
Journal of Assisted Reproduction and Genetics, SCI Journal, February 2017
Systems Biology in Reproductive Medicine, Other Indexed Journal, February 2017
Medical Science Monitor, Other Indexed Journal, January 2017
Genetic Testing and Molecular Biomarkers, SCI Journal, November 2016
Journal of Clinical Laboratory Analysis, Other Indexed Journal, May 2016
Genetic Testing and Molecular Biomarkers, SCI Journal, April 2016
SAGE Open Medical Case Reports, Other Indexed Journal, April 2016
BioMed Research International, SCI Journal, March 2016
BioMed Research International, SCI Journal, February 2016
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International Journal of Rheumatic Diseases, SCI Journal, October 2014
The Application of Clinical Genetics, Other Indexed Journal, September 2014
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International Journal of Women's Health, SCI Journal, July 2014
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Hemoglobin, SCI Journal, April 2014
Plos One, SCI Journal, April 2014
International Journal of Rheumatic Diseases, SCI Journal, February 2014
Journal of Assisted Reproduction and Genetics, SCI Journal, January 2014

Hemoglobin, SCI Journal, June 2013
Hemoglobin, SCI Journal, May 2013
Clinical Medicine Insights: Reproductive Health, Other Indexed Journal, February 2013
Hemoglobin, SCI Journal, May 2012
The Application of Clinical Genetics, Other Indexed Journal, June 2009

Invited Congress and Symposium Activities

Çocuk Nörolojisi Temel Genetik Kursu, Invited Speaker, İzmir, Turkey, 2018
Çocuk Nörolojisi Temel Genetik Kursu, Invited Speaker, İzmir, Turkey, 2018
3. Hematolojik Genetik Sempozyumu, Invited Speaker, İzmir, Turkey, 2018
3. Hematolojik Genetik Sempozyumu, Session Moderator, İzmir, Turkey, 2018
Ege Perinatoloji Derneği Toplantıları, Invited Speaker, İzmir, Turkey, 2017
26. Ulusal Fiziksel Tıp ve Rehabilitasyon Kongresi, Invited Speaker, Antalya, Turkey, 2017
XII. Ulusal Tıbbi Genetik Kongresi, Invited Speaker, İzmir, Turkey, 2016
XX. Ege Onkoloji Günleri, Invited Speaker, İzmir, Turkey, 2016
II. Hematolojik Genetik Sempozyumu, Invited Speaker, İzmir, Turkey, 2016
I. Ege Endokrin Hastalıklar ve Genetik Sempozyumu, Invited Speaker, İzmir, Turkey, 2015
6. Ege Tıp Genetik Çalıştayı - Uygulamalı Dizi Analizi Kursu, Invited Speaker, İzmir, Turkey, 2014
European Biotechnology Congress, Invited Speaker, Lecce, Italy, 2014
5. Ege Tıp Genetik Çalıştayı, Invited Speaker, İzmir, Turkey, 2014
I. Hematolojik Genetik Sempozyumu, Invited Speaker, İzmir, Turkey, 2013
Ege Üniversitesi Tıp Fakültesi Ortak Toplantılar Serisi-1, Invited Speaker, İzmir, Turkey, 2013
1. İzmir Genetik Günleri Olgu Sunumları Toplantısı, Invited Speaker, İzmir, Turkey, 2012

Citations

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