

## Assoc. Prof. ESRA TUĞ

### Personal Information

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Address: Gazi Üniversitesi Tıp Fakültesi Tıbbi Genetik AD Beşevler, Ankara

### Education Information

Doctorate, Fırat University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (Dr), Turkey 1997 - 2003

Undergraduate, Fırat University, Tıp Fakültesi, Tıp Pr., Turkey 1989 - 1995

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Yöresel asbest teması olan malign mezotelyomalı hastalarda tümör süpressör gen değişiklikleri, Fırat University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (Dr), 2003

### Research Areas

Medicine, Medical Genetics

### Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2014 - Continues

Assistant Professor, Bolu Abant İzzet Baysal University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2005 - 2011

### Academic and Administrative Experience

Yıl Koordinatörü, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2019 - Continues

Staj Koordinatörü, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2012 - Continues

Assistant Coordinator, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2018 - 2019

Bolu Abant İzzet Baysal University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2009 - 2011

Bolu Abant İzzet Baysal University, Sağlık Bilimleri Enstitüsü, 2009 - 2011

Bolu Abant İzzet Baysal University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2005 - 2011

Bolu Abant İzzet Baysal University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2010 - 2010

### Courses

Individual Genetic Effects on Drug Use, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

General approach and classification of genetic diseases, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Cytogenetics and Molecular Genetics of Cancer, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Genetic Approach to Suspicious Genitalia, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Examples of non-Mendelian inherited diseases and clinical approach, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Single gene diseases and inheritance patterns, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Medical Genetics, Expertise In Medicine, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2019 - 2020, 2020 - 2021

Genetic Approaches to Prenatal Diagnosis, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Chromosomes, Anomalies and Diseases , Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Tıpta İletişim Becerisi, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

Molecular Genetic Basis of Diseases, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Familial Cancer Syndromes , Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Genetic diseases diagnosis center procedures, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020

## Advising Theses

ERGÜN M. A. , TUĞ E., SMN1 gen delesyonu dışlanmış spinal musküler atrofi ön tanılı çocuklarda etiyolojinin tüm ekzom dizi analizi verilerine dayanarak retrospektif olarak araştırılması, Expertise In Medicine, A.SEZER(Student), 2020

TUĞ E., CYP3A4 ve MDR1 gen polimorfizmlerinin kolşisin farmakogenetiği üzerindeki etkinliğinin ailevi akdeniz ateşi tedavisindeki rolü, Postgraduate, D.DOĞRUER(Student), 2011

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

- I. **Investigation of the Relationship Between IL28B Polymorphisms and Plasma IL28B Levels in Patients with Chronic Hepatitis B or C**  
Kuralay Z. K. , TUĞ E., FİDAN I.  
MIKROBİYOLOJİ BULTENİ, vol.55, no.3, pp.374-388, 2021 (Journal Indexed in SCI)
- II. **Retrospective analysis of the association of the expression and single nucleotide polymorphisms (SNPs) of the TLR4, PTX3 and Dectin-1 (CLEC/A) genes with development of invasive aspergillosis among haematopoietic stem cell transplant recipients with oncohaematological disorders**  
Kalkancı A., Tuğ E., Fidan I., Güzel Tunçcan Ö., Özkurt Z. N. , Yegin Z. A. , Sahin E. A. , Kuralay Z.  
MYCOSES, vol.63, pp.832-839, 2020 (Journal Indexed in SCI)
- III. **Expression of the syncytin-1 and syncytin-2 genes in the trophoblastic tissue of the early pregnancy losses with normal and abnormal karyotypes**  
Tuğ E., Yirmibeş Karaoğuz M., Nas T.  
GENE, vol.741, 2020 (Journal Indexed in SCI)

- IV. **Prenatal diagnosis of campomelic dysplasia due to SOX9 deletion**  
KAYHAN G., Calis P., Karcaaltincaba D., TUĞ E.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.39, no.8, pp.1175-1176, 2019 (Journal Indexed in SCI)
- V. **Microdeletion and mutation analysis of the SHOX gene in patients with idiopathic short stature with FISH and sequencing**  
Bakir A., YİRMİBEŞ KARAOĞUZ M., Emriye Percin F., TUĞ E., CİNAZ P., ERGÜN M. A.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.48, no.2, pp.386-390, 2018 (Journal Indexed in SCI)
- VI. **The relation between isolated micropenis in childhood with CAG and GGN repeat polymorphisms in the androgen receptor gene**  
TUĞ E., Ergun S. G. , ERGÜN M. A. , Dilek F. N. , Percin E. F.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.48, no.2, pp.430-434, 2018 (Journal Indexed in SCI)
- VII. **Clinical findings in cases with 9q deletion encompassing the 9q21.11q21.32 region**  
TUĞ E., ERGÜN M. A. , PERÇİN F. E.  
TURKISH JOURNAL OF PEDIATRICS, vol.60, no.1, pp.94-98, 2018 (Journal Indexed in SCI)
- VIII. **Confirmation of the prenatal mosaic trisomy 2 via fetal USG and cytogenetic analyses**  
TUĞ E., Karcaaltincaba D., YİRMİBEŞ KARAOĞUZ M., Saat H., Ozek A.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.30, no.13, pp.1579-1583, 2017 (Journal Indexed in SCI)
- IX. **MECP2 DUPLICATION SYNDROME WITH ADDITIONAL FINDINGS**  
TUĞ E., ERGÜN M. A. , Percin E. F.  
GENETIC COUNSELING, vol.27, no.4, pp.471-478, 2016 (Journal Indexed in SCI)
- X. **AN INTERCHANGE TRISOMY RESULTED IN DOWN SYNDROME**  
TUĞ E., Karaoguz M., Bakir A.  
GENETIC COUNSELING, vol.27, no.3, pp.429-431, 2016 (Journal Indexed in SCI)
- XI. **Chromosomal-array analysis reveals partial 11q duplication and partial 12p deletion in a mildly affected case**  
TUĞ E., YİRMİBEŞ KARAOĞUZ M., Kayhan G., ERGÜN M. A. , PERÇİN F. E.  
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.164, no.7, pp.1770-1776, 2014 (Journal Indexed in SCI)
- XII. **CRANIORACHISCHISIS, GASTROSCHISIS, AND A BRANCHIAL SINUS DEFECT: A CASE REPORT**  
Aydin H., Yanik S., TUĞ E., Ahsen H., Geckinlp B., Senol S., Karaman A., Yilmaz F., Boran C.  
GENETIC COUNSELING, vol.25, no.2, pp.237-240, 2014 (Journal Indexed in SCI)
- XIII. **The evaluation of long-term effects of ionizing radiation through measurement of current sister chromatid exchange (SCE) rates in radiology technologists, compared with previous SCE values**  
TUĞ E., Kayhan G., Kan D., Guntekin S., ERGÜN M. A.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.757, no.1, pp.28-30, 2013 (Journal Indexed in SCI)
- XIV. **A Turkish family with Nance-Horan syndrome due to a novel mutation**  
TUĞ E., Dilek N. F. , Javadiyan S., Burdon K. P. , PERÇİN F. E.  
GENE, vol.525, no.1, pp.141-145, 2013 (Journal Indexed in SCI)
- XV. **Unique variant of Adams-Oliver syndrome with dilated cardiomyopathy and heart block**  
ATASOY H. İ. , TUĞ E., Yavuz T., ÇİNE N.  
PEDIATRICS INTERNATIONAL, vol.55, no.4, pp.508-512, 2013 (Journal Indexed in SCI)
- XVI. **Array and Cytogenetic Analyses Revealed Partial 11q Duplication and Partial 12p Deletion in a Case with Mild Phenotype**  
TUĞ E., YİRMİBEŞ KARAOĞUZ M., KAYHAN G., ERGÜN M. A. , PERÇİN F. E.  
CHROMOSOME RESEARCH, vol.21, 2013 (Journal Indexed in SCI)
- XVII. **Prenatally detected tetrasomy 18p and trisomy 21q due to i(18p) and i(21q) by using cytogenetic and molecular techniques**  
YİRMİBEŞ KARAOĞUZ M., Percin E. F. , Pala E., Kaymak A. O. , TUĞ E., Biri A. A.  
CHROMOSOME RESEARCH, vol.21, 2013 (Journal Indexed in SCI)
- XVIII. **The effect of octreotide, an analog of somatostatin, on bleomycin-induced interstitial pulmonary**

**fibrosis in rats**

Tug T., KARA H., Karaoglu A., Karatas F., Turgut N. H. , Ayan E., Boran C., TUĞ E.

DRUG AND CHEMICAL TOXICOLOGY, vol.36, no.2, pp.181-186, 2013 (Journal Indexed in SCI)

- XIX. **Lack of an effect of CYP3A4 and MDR1 gene polymorphisms on colchicine pharmacogenetics in the treatment of Familial Mediterranean fever**  
Dogruer D., TUĞ E., Bes C., Soy M.  
GENETICS AND MOLECULAR RESEARCH, vol.12, no.3, pp.3521-3528, 2013 (Journal Indexed in SCI)
- XX. **Identification of an Alu-mediated 12.2-kb deletion of the complete LPAR6 (P2RY5) gene in a Turkish family with hypotrichosis and woolly hair**  
Mahmoudi H., TUĞ E., PARLAK A. H. , ATASOY H. İ. , Ludwig M., Polat M., Pasternack S. M. , Betz R. C.  
EXPERIMENTAL DERMATOLOGY, vol.21, no.6, pp.469-471, 2012 (Journal Indexed in SCI)
- XXI. **Mapping of Microsatellite Instability in Endoscopic Normal Colon**  
TUĞ E., BALABAN H. Y. , Sahin E. K.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.16, no.5, pp.388-395, 2012 (Journal Indexed in SCI)
- XXII. **Harlequin Syndrome With Hemifacial Atrophy: A Case Study**  
Polat M., TUĞ E., Atasoy H. I. , Parlak A. H.  
TURKDERM-TURKISH ARCHIVES OF DERMATOLOGY AND VENEROLOGY, vol.46, no.1, pp.50-52, 2012 (Journal Indexed in SCI)
- XXIII. **Cochlear involvement in Familial Mediterranean Fever: A new feature of an old disease**  
Koybasi S., Atasoy H. I. , Bicer Y. O. , TUĞ E.  
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.76, no.2, pp.244-247, 2012 (Journal Indexed in SCI)
- XXIV. **A patient with 9q subtelomeric deletion syndrome with additional findings.**  
TUĞ E., Cavdarli B., Karaoguz M., PERÇİN F. E.  
Genetic counseling (Geneva, Switzerland), vol.23, no.4, pp.465-71, 2012 (Journal Indexed in SCI Expanded)
- XXV. **THROMBOPHILIA GENE MUTATIONS IN OCULOauriculovertEBRAL SPECTRUM**  
TUĞ E., Atasoy H. I. , Sanal S. K.  
GENETIC COUNSELING, vol.23, no.1, pp.65-72, 2012 (Journal Indexed in SCI)
- XXVI. **THE IMPACT OF THE D727E POLYMORPHISM HAS NO SIGNIFICANT ROLE IN MULTI NODULAR GOITER**  
TUĞ E., Sengul N., Aydin H., Yilmaz E. E.  
BALKAN JOURNAL OF MEDICAL GENETICS, vol.15, no.2, pp.67-71, 2012 (Journal Indexed in SCI)
- XXVII. **Frequency of Genetic Mutations Associated with Thromboembolism in the Western Black Sea Region**  
TUĞ E., Aydin H., Kaplan E., Dogruer D.  
INTERNAL MEDICINE, vol.50, no.1, pp.17-21, 2011 (Journal Indexed in SCI)
- XXVIII. **A TURKISH PATIENT WITH LARGE 17p11.2 DELETION PRESENTING WITH SMITH MAGENIS SYNDROME**  
TUĞ E., ÇİNE N., Aydin H.  
GENETIC COUNSELING, vol.22, no.1, pp.11-19, 2011 (Journal Indexed in SCI)
- XXIX. **Relationship between Primary Nodal Generalized Osteoarthritis with Tissue Antigens HLA-A and HLA-B in the Western Black Sea Region of Turkey**  
Tasligil C., Cogalgil S., TUĞ E., Tonuk B., Sahin O., Dogruer D.  
INTERNAL MEDICINE, vol.50, no.6, pp.545-550, 2011 (Journal Indexed in SCI)
- XXX. **LINKAGE ANALYSIS AND A NOVEL COL4A5 MUTATION IN A LARGE TURKISH FAMILY WITH ALPORT SYNDROME**  
TUĞ E., PERÇİN F. E. , Pala E., Baysoy G.  
GENETIC COUNSELING, vol.22, no.2, pp.143-153, 2011 (Journal Indexed in SCI)
- XXXI. **A TURKISH PATIENT OF TYPICAL LOEYS-DIETZ SYNDROME WITH A TGFBR2 MUTATION**  
TUĞ E., Loeys B., De Paepe A., Aydin H., Gideroglu K.  
GENETIC COUNSELING, vol.21, no.2, pp.225-232, 2010 (Journal Indexed in SCI)
- XXXII. **ROUTINE RESULTS OF FACTOR V LEIDEN, FACTOR V H1299R, FACTOR II PROTHROMBIN (G20210A),**

## **MTHFR A1298C AND MTHFR C677T POLYMORPHISMS WITH RT-PCR**

Duzenli S, Tug E, Aydin H, Dogruer D.

IUBMB LIFE, vol.61, no.3, pp.374, 2009 (Journal Indexed in SCI)

### **XXXIII. MEFV GENE ANALYSIS RESULTS OF PATIENTS WITH PROBABLE FAMILIAL MEDITERRANEAN FEVER**

Tug E, Duzenli S, Dogruer D, Caglar M.

IUBMB LIFE, vol.61, no.3, pp.374, 2009 (Journal Indexed in SCI)

### **XXXIV. MOLECULAR AND CLINICAL WORK-UP IN AN EXTENSIVE FAMILY WITH BECKER MUSCULAR DYSTROPHY**

Tug E, Duzenli S, Aydin H, Atasoy H. I. , Ocak Z.

IUBMB LIFE, vol.61, no.3, pp.375, 2009 (Journal Indexed in SCI)

### **XXXV. SEPTO-OPTIC DYSPLASIA (MORSIER'S SYNDROME) AND DEVELOPMENTAL GENETICS: A CASE REPORT**

Duzenli S, Dogruer D, Yildiz S, Aydin H, Tug E.

IUBMB LIFE, vol.61, no.3, pp.375-376, 2009 (Journal Indexed in SCI)

### **XXXVI. THE VALUE OF INTERLEUKIN-12B (P40) GENE PROMOTER POLYMORPHISM IN PATIENTS WITH SCHIZOPHRENIA IN A REGION OF EAST TURKEY**

Ozbey U., Tug E., Kara M., Namli M.

IUBMB LIFE, vol.61, no.3, pp.383, 2009 (Journal Indexed in SCI)

### **XXXVII. INTERLEUKIN-10 GENE PROMOTER POLYMORPHISM IN PATIENTS WITH SCHIZOPHRENIA IN A REGION OF EAST TURKEY**

Ozbey U., Tug E., Namli M.

IUBMB LIFE, vol.61, no.3, pp.383-384, 2009 (Journal Indexed in SCI)

### **XXXVIII. MOLECULAR AND CLINICAL FINDINGS IN AN EXTENSIVE FAMILY WITH DUCHENNE/BECKER MUSCULAR DYSTROPHY**

Duzenli S, Tug E, Dogruer D, Aydin-Turkoglu S, Yildiz N, Kaplan E.

IUBMB LIFE, vol.61, no.3, pp.376, 2009 (Journal Indexed in SCI)

### **XXXIX. Relationship Between the IL-12B Promoter Polymorphism and Allergic Rhinitis, Familial Asthma, Serum Total IgE, and Eosinophil Level in Asthma Patients**

Tug E, Ozbey U, Tug T, Yuce H.

JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY, vol.19, no.1, pp.21-26, 2009 (Journal Indexed in SCI)

### **XL. Interleukin-10 gene promoter polymorphism in patients with schizophrenia in a region of East Turkey**

Ozbey U., TUĞ E., Namli M.

WORLD JOURNAL OF BIOLOGICAL PSYCHIATRY, vol.10, no.4, pp.461-468, 2009 (Journal Indexed in SCI)

### **XLI. The value of interleukin-12B (p40) gene promoter polymorphism in patients with schizophrenia in a region of East Turkey**

Ozbey U., TUĞ E., Kara M., Namli M.

PSYCHIATRY AND CLINICAL NEUROSCIENCES, vol.62, no.3, pp.307-312, 2008 (Journal Indexed in SCI)

### **XLII. Spondyloepiphyseal dysplasia tarda with progressive arthropathy with delayed diagnosis**

TUĞ E., Senocak E.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.38, no.1, pp.83-89, 2008 (Journal Indexed in SCI)

### **XLIII. Effects of long-term inhaled steroid use on bone mineral density in asthma patients**

Tug T, Kamanli A, Tug E.

JOURNAL OF INVESTIGATIONAL ALLERGOLOGY & CLINICAL IMMUNOLOGY, vol.11, no.4, pp.300-302, 2001 (Journal Indexed in SCI)

## **Articles Published in Other Journals**

- I. To Evaluate in vitro Fertilisation Results of Klinifelter Syndrome and Normal Karyotype Infertile Men**

**with Non-Obstructive Azospermia**

GÜMÜŞLÜ S., Ercan D., KARABAY E., GÜLER İ., ERDEM A., BOZKURT N., ÖKTEM M., ERDEM M., ERGÜN M. A. , TUĞ E., et al.

GAZI MEDICAL JOURNAL, vol.31, no.4, pp.583-586, 2020 (Journal Indexed in ESCI)

- II. **SMN1 gen delesyonu dışlanmış Spinal Musküler Atrofi ön tanılı çocuklarda etiyojinin tüm ekzom dizi analizi verilerine dayanarak retrospektif olarak araştırılması**  
SEZER A., DEMİR E., KAYHAN G., ERGÜN M. A. , TUĞ E.  
Gazi Medical Journal, 2020 (Refereed Journals of Other Institutions)
- III. **Klinefelter Sendromlu ve Normal Karyotipli Non-Obstruktif Azospermik Hastaların in vitroFertilizasyon Sonuçlarının Değerlendirilmesi**  
GÜMÜŞLÜ S., ERCAN D. D. , KARABAY E., GÜLER İ., ERDEM A., BOZKURT N., ÖKTEM M., ERDEM M., ERGÜN M. A. , TUĞ E., et al.  
Gazi Medical Journal, vol.31, no.4, 2020 (Refereed Journals of Other Institutions)
- IV. **Prenatal and Postnatal Clinical Spectrum of a Mosaic Small Supernumerary Marker Chromosome 22**  
TUĞ E., YİRMİBEŞ KARAOĞUZ M., ERGÜN M. A.  
International Journal of Pediatrics and Child Health, vol.7, pp.36-39, 2019 (Refereed Journals of Other Institutions)
- V. **Prenatal Sitogenetik Analizde Gerçek ve Yalancı Mozaisizmler**  
TUĞ E.  
Türkiye Klinikleri J Med Genet-Special Topics, vol.3, no.1, pp.48-52, 2018 (Other Refereed National Journals)
- VI. **Clinical findings in patients with9q deletion encompassing the 9q21 11q21 32 region**  
Tuğ E., Ergün M. A. , Perçin F. E.  
Erciyes Medical Journal, vol.38, no.1, pp.14, 2016 (Refereed Journals of Other Institutions)
- VII. **Molecular cytogenetic characterization of a small supernumerary marker chromosome derived from chromosome 15**  
TUĞ E., ERGÜN M. A. , PERÇİN F. E.  
Erciyes Medical Journal, vol.38, no.1, pp.35, 2016 (Refereed Journals of Other Institutions)
- VIII. **Farklı bulguları olan spina bifida ve renal anomalili iki olgu sunumu**  
Aydın H., Yoldaş M., Yeşiller E., Geçkinli B., Karaman A., TUĞ E., YİRMİBEŞ KARAOĞUZ M., ATASOY H. İ.  
J Kartal TR, vol.26, no.3, pp.272-276, 2015 (Other Refereed National Journals)
- IX. **Farklı Bulguları Olan Spina Bifida ve Renal Anomalili İki Olgu Sunumu**  
AYDIN H., Yoldaş M., Yeşiller E., Geçkinli B., Karaman A., TUĞ E., YİRMİBEŞ KARAOĞUZ M., ATASOY H. İ.  
J Kartal TR, 2014 (Other Refereed National Journals)
- X. **Batı Karadeniz Bölgesindeki Pulmoner Tromboemboli Vakalarında Faktör V Faktör II ve MTHFR Mutasyonlarının Sıklığı**  
TUĞ E., TUĞ T., DÜZENLİ S., TALAY F., AYDIN H., Kurt B.  
Türkiye Klinikleri Journal of Cardiovascular Sciences, vol.22, no.2, pp.185-192, 2010 (Other Refereed National Journals)
- XI. **MikroRNA lar ve İnsan Hastalıkları**  
TUĞ E., EROL D., YÜCE H.  
Abant İzzet Baysal Üniversitesi İzzet Baysal Tıp Fakültesi Dergisi, vol.3, no.1, pp.24-28, 2008 (Other Refereed National Journals)
- XII. **Tumor Suppressor Gene Alterations in Patients with Malignant Mesothelioma due to Environmental Asbestos Exposure in Turkey**  
TUĞ E., TUĞ T., elyas h., COŞKUNSEL M., EMRİ K. A. S.  
Journal of Carcinogenesis, vol.5, pp.23-29, 2006 (Refereed Journals of Other Institutions)
- XIII. **Asbest maruziyeti ve malign mezotelyomada etyopatogenez ve epidemiyolojik özellikler tümör supressör gen ilişkileri**  
TUĞ E., TUĞ T.  
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.25, no.3, pp.436-444, 2005 (Other Refereed National Journals)
- XIV. **Kistik fibrozis ve moleküler genetik yaklaşımlar**  
TUĞ E., TUĞ T.

Türk Toraks Dergisi, vol.4, pp.198-204, 2003 (Other Refereed National Journals)

**XV. Plörezi Hastalardaki Plevral Efüzyonların Transüda Eksüda Ayırımında Malondialdehidin Tanı Değeri**

TUĞ T., ÖZDEMİR N., yaraloğlu s., uzun o., TUĞ E.

Turkiye Klinikleri J Med Res, vol.20, no.1, pp.37-41, 2002 (Other Refereed National Journals)

**XVI. Prevalence of Asthma and Asthma Like and Allergic Symptoms in the Urban Adult Population of Elazığ**

TUĞ T., AÇIK Y., TUĞ E.

Turk J Med Sci, vol.32, pp.243-249, 2002 (Other Refereed National Journals)

## Books & Book Chapters

**I. Pontoserebellar Açık Tümörlerinde Genetik Etiyoloji**

TUĞ E.

in: Pontoserebellar Açık Tümörlerinde Tedavi Seçimi ve Cerrahi Yaklaşımlar, Kaymaz AM, Editor, Digital Akademi, Ankara, pp.20-26, 2018

## Refereed Congress / Symposium Publications in Proceedings

**I. SMN1 gen delesyonu dışlanmış Spinal Musküler Atrofi ön tanılı çocuklarda etiyojinin tüm ekzom dizi analizi verilerine dayanarak retrospektif olarak araştırılması.**

SEZER A., DEMİR E., KAYHAN G., ERGÜN M. A. , TUĞ E.

14. Ulusal Tıbbi Genetik Kongresi“Uluslararası Katılımlı”, Turkey, 20 - 22 November 2020

**II. Retrospective analysis of single nucleotide polymorphisms (SNPs) on TLR-4, PTX-3, Dectin-1 genes and the association with the development of invasive fungal infections among hematopoietic stem cell transplant recipients with oncohematological conditions**

KALKANCI A., TUĞ E., GÜZEL TUNÇCAN Ö., FİDAN I., ÖZKURT Z. N. , YEGİN Z. A. , Şahin E. A. , Şahin E. A. , Kuralay Z., Kuralay Z.

9th Trends in Medical Mycology, 11 - 14 October 2019

**III. Prenatal Dönemde Saptanan 48,XXYY Sendromlu Olgu**

TUĞ E., ÖZDEMİR H., yıldız H., KARÇAALTINCABA D.

XIII. Uluslararası Katılımlı Ulusal Tıbbi Genetik Kongresi, Turkey, 7 - 11 November 2018

**IV. Determination of IL-28B Polymorphism and IL-28B serum levels in Turkish patients with Hepatitis B and Hepatitis C**

KOÇ Z., TUĞ E., FİDAN I.

XIII. Uluslararası Katılımlı Ulusal Tıbbi Genetik Kongresi, Turkey, 7 - 11 November 2018

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