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Education Information

Expertise In Medicine, Istanbul University, Cerrahpaşa Tıp Fakültesi, Tıbbi Genetik, Turkey 1993 - 1996
Undergraduate, Ege University, Faculty Of Medicine, Turkey 1987 - 1993

Dissertations

Expertise In Medicine, Down sendromlu çocuklarda eritrosit glutatyon, glutatyon peroksidaz ve glutatyon S transferaz düzeyleri, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Internal Medicine, 1996

Research Areas

Medicine, Internal Medicine Sciences, Medical Genetics, Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Moleculer Biology of Cancer, Cytogenetic, Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2011 - Continues
Associate Professor, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2009 - 2011
Associate Professor, Duzce University, Tıp Fakültesi-Tıbbi Biyoloji, Temel Tıp Bilimleri, 2006 - 2009
Associate Professor, Duzce University, Tıp Fakültesi-Genetik, Temel Tıp Bilimleri, 2006 - 2009
Assistant Professor, Abant İzzet Baysal Üniversitesi, Tıp Fakültesi- Genetik, Dahili Tıp Bilimleri, 2004 - 2006
Assistant Professor, Abant İzzet Baysal Üniversitesi, Düzce Tıp Fakültesi-Tıbbi Biyoloji, Temel Tıp Bilimleri, 2000 - 2006

Advising Theses

Sılan F., Çanakkale popülasyonunda G6PD geni varyantları ve klinik korelasyonu, Expertise In Medicine, O.RECEP(Student), 2023
Sılan F., Çanakkale örnekleminde tüm ekzom dizileme (Wes) ile elde edilen verilerden konjenital monosakkarit ve disakkarit metabolizma bozuklukları ile ilişkili genetik varyantların güncel verilerle değerlendirilmesi ve taşıyıcılık oranlarının belirlenmesi, Expertise In Medicine, M.BERKAY(Student), 2023

Sılan F., Tüm ekzom dizileme (WES) analizi ile elde edilmiş yağ asidi oksidasyon defektleri ile ilişkili genlerin retrospektif olarak güncel verilerle değerlendirilmesi, Expertise In Medicine, V.Sönmez(Student), 2023
Sılan F., ÇOMÜ Tıbbi Genetik Tanı Merkezi'nde spinal musküler atrofi ön tanısı veya taşıyıcılığı açısından genotiplendirilen olguların SMN1/SMN2 genlerinin kopya sayılarının retrospektif analizi, Expertise In Medicine, M.ÖZTÜRK(Student), 2020
Sılan F., Epilepsi hastalarında kromozomal kopya sayısı değişikliklerinin (CNV) aCGH yöntemi ile retrospektif olarak araştırılması, Expertise In Medicine, B.Albuz(Student), 2019
SILAN F., NON DİPPER HİPERTANSİYON İLE VİTAMİN D RESEPTÖR GEN POLİMORFİZMİ ARASINDAKİ İLİŞKİ, Postgraduate, E.Atagül(Student), 2019
Sılan F., Tekrarlayan gebelik kaybı olan olgularda array CGH analizinin yeri ve önemi, Expertise In Medicine, O.YILDIZ(Student), 2018
Sılan F., ÇOMÜ Tıp Fakültesi Tıbbi Genetik Tanı Merkezi'nde değerlendirilen infertilite olgularına ait sitogenetik sonuçlarının retrospektif olarak değerlendirilmesi, Postgraduate, D.ÖZDİL(Student), 2018
SILAN F., KANSERLİ HASTALARDA CELL FREE DNA VE TÜMÖR DOKUSUNDAN TELOMER UZUNLUĞU BAKILMASI, Expertise In Medicine, M.URFALI(Student), 2017
Sılan F., Kromozom 22 yapısal anomalilerinin floresan ın situ hibridizasyon (FISH) yöntemi ile ileri analizi, Postgraduate, Z.AVNAK(Student), 2017
Sılan F., İşitme engelli olgularda moleküler etiyolojik sebeplerin araştırılması, Postgraduate, D.KANKAYA(Student), 2016
SILAN F., Maternal Kandan fetal DNA İzolasyonu ve RhD Genotiplemesi, Postgraduate, Ç.AKURUT(Student), 2014
Sılan F., Maternal kandan fetal DNA eldesi ve fetal RhD analizi, Postgraduate, Ç.AKURUT(Student), 2014
Sılan F., Düzce ilinde akraba evliliği sonuçları, Postgraduate, T.ERDEM(Student), 2008
Sılan F., Multiple abortuslu kadınlarda tromborisk paneli ile CVD panelinin karşılaştırılması, Postgraduate, U.ŞAHİN(Student), 2008
Sılan F., Koroner arter hastalarında faktör V leiden mutasyonunun tespiti, Postgraduate, C.ZAFER(Student), 2005
Sılan F., Koroner arter hastalarında protrombim genindeki G20210A mutasyonun tespiti, Postgraduate, Z.SEDA(Student), 2005

Jury Memberships

Associate Professor Exam, Tıbbi Genetik Doçentlik Jüriliği, ÜniversitelerArası Kurul, October, 2014
Post Graduate, Sağlık Bilimleri Enstitüsü , Tıbbi Genetik Yüksek Lisans tez savunma Jüriliği, June, 2014
Appointment to Academic Staff-Assistant Professorship, Profesör Kadrosuna Atama Jürisi, Akdeniz Üniversitesi, May, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniveristelerarası Kurul, May, 2012
Appointment to Academic Staff-Assistant Professorship, Profesör Kadrosuna Atama Jürisi, İstanbul Üniversitesi, March, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

I. **EVALUATION of SMOOTH MUSCLE MYOSIN HEAVY CHAIN ISOFORM EXPRESSIONS in a BURIED PENIS**
Kurtuluş Ş., Süzen A., Sılan F.
JOURNAL OF PEDIATRIC SURGERY, no.3, pp.1-13, 2024 (SCI-Expanded)

II. **Anemia and thrombocytopenia due to a novel BRPF1 variant in a family from Çanakkale with intellectual disability and dysmorphic facies: Case report and review of the literature**
Kose C. C., Kaya D., Akcan M. B., Silan F.
AMERICAN JOURNAL OF MEDICAL GENETICS, PART A, vol.191, no.6, pp.2209-2214, 2023 (SCI-Expanded)

III. **Evaluating of colchicine use patterns and attack frequency of familial Mediterranean fever patients in the COVID-19 pandemic**
AKCAN M. B., Albuz B., Ozdemir O., SILAN F.
International Journal of Rheumatic Diseases, vol.26, no.5, pp.988-991, 2023 (SCI-Expanded)

IV. **Re-evaluation of Genetic Variants in Parkinson's Disease Using Targeted Panel and Next-Generation Sequencing**
KABLAN A., SILAN F., Ozdemir O.
Twin research and human genetics : the official journal of the International Society for Twin Studies, vol.26, no.2, pp.164-170, 2023 (SCI-Expanded)

V. **A new entity in the NARS2 variant: The first reported case of type 1 diabetes mellitus associated with the phenotype**
ÇOKYAMAN T., Cetin H., DOĞAN D., SILAN F.
Journal of Tropical Pediatrics, vol.69, no.1, 2023 (SCI-Expanded)

VI. **Genetic influence on urinary vitamin D binding protein excretion and serum levels: a focus on rs4588 C>A polymorphism in the GC gene**
Doğan D., Özcan E. G., Çakır D. Ü., Sılan F.
Frontiers in Endocrinology, vol.14, 2023 (SCI-Expanded)

VII. **Melatonin receptor gene polymorphisms as a risk factor in patients with diabetic peripheral neuropathy**
OCAK Ö., SILAN F., ŞAHİN E. M.
DIABETES-METABOLISM RESEARCH AND REVIEWS, vol.38, no.8, 2022 (SCI-Expanded)

VIII. **New results for monogenic diabetes with analysis of causative genes using next-generation sequencing: a tertiary centre experience from Turkey**
KARAKILIÇ E., SAYGILI E. S., SILAN F., Onduc G. G., Agcaoglu U.
International Journal of Diabetes in Developing Countries, vol.42, no.4, pp.703-712, 2022 (SCI-Expanded)

IX. **Clinical and molecular evaluation of MEFV gene variants in the Turkish population: a study by the National Genetics Consortium**
DÜNDAR M., FAHRİOGLU U., Yildiz S. H., Bakir-Gungor B., TEMEL Ş. G., AKIN H., ARTAN S., Cora T., ŞAHİN F. İ., DURSUN A., et al.
FUNCTIONAL & INTEGRATIVE GENOMICS, vol.22, no.3, pp.291-315, 2022 (SCI-Expanded)

X. **A New Case of Rare Microdeletion 10q22.3q23 along with Mosaic Klinefelter Syndrome Associated with Facial Dysmorphic Finding, Atrial Ventricular Septal Defect, and Motor Retardation**
Dincsoy Bir F., SILAN F., Velickovic J., Berkay Akcan M. B., ÖZDEMİR Ö.
MOLECULAR SYNDROMOLOGY, vol.13, no.3, pp.254-260, 2022 (SCI-Expanded)

XI. **Diagnostic Utility of Array Comparative Genomic Hybridization in Children with Neurological Diseases**
ÇOKYAMAN T., SILAN F.
FETAL AND PEDIATRIC PATHOLOGY, vol.41, no.1, pp.68-76, 2022 (SCI-Expanded)

XII. **A New Mutation, Hb A(2)-Canakkale [delta 10(A7)Ala -> Val; HBD: c.32C > T], and Other Well-Known delta Variants Identified in a Selected Cohort with Low Hb A(2) Levels**
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XIII. **Copy number variations in patients with idiopathic recurrent pregnancy loss: an array-CGH approach**
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Turkish Journal of Medical Sciences, vol.52, no.5, pp.1689-1696, 2022 (SCI-Expanded)

XIV. **The comparison of telomere length in cancer patients: Plasma, whole blood and tumor tissue**
Urfali M., Sılan F., Urfali F. E., Gürgen A., Özdemir Ö.
Medicine Science And The Law, vol.2021104111721, no.2021;10(4):1117-21, pp.1117-1121, 2021 (SCI-Expanded)

XV. **The high frequency of chromosomal copy number variations and candidate genes in epilepsy patients ***
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CLINICAL NEUROLOGY AND NEUROSURGERY, vol.202, 2021 (SCI-Expanded)

XVI. **Blau syndrome with a rare mutation in exon 9 of NOD2 gene**
Velickovic J., SILAN F., Bir F. D., SILAN C., ALBUZ B., ÖZDEMİR Ö.

AUTOIMMUNITY, vol.52, pp.256-263, 2019 (SCI-Expanded)

XVII. **The Genomics of Arthrogryposis, a Complex Trait: Candidate Genes and Further Evidence for Oligogenic Inheritance**
Pehlivan D., Bayram Y., Gunes N., Akdemir Z. C., Shukla A., Bierhals T., TABAKCI B., Sahin Y., Gezdirici A., Fatih J. M., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.105, no.1, pp.132-150, 2019 (SCI-Expanded)

XVIII. **MPZL2 is a novel gene associated with autosomal recessive nonsyndromic moderate hearing loss**
Bademci G., Abad C., Incesulu A., Rad A., Alper O., Kolb S. M., Cengiz F. B., Diaz-Horta O., SILAN F., MIHÇI E., et al.
HUMAN GENETICS, vol.137, pp.479-486, 2018 (SCI-Expanded)

XIX. **Evaluation of the Association between Lithium Treatment and GSK-3 beta Polymorphism in Bipolar Disorder Patients**
ALTINBAŞ K., Yesilbas D., Ince B., Cansiz A., SILAN F., ÖZDEMİR Ö., Guloksuz S.
TURK PSIKIYATRI DERGISI, vol.29, no.2, pp.73-78, 2018 (SSCI)

XX. **The prevelance of human papillomavirus (HPV) genotypes detected by PCR in women with normal and abnormal cervico-vaginal cytology**
BEYAZIT F., SILAN F., Gencer M., Aydin B., Paksoy B., ÜNSAL M. A., ÖZDEMİR Ö.
GINEKOLOGIA POLSKA, vol.89, no.2, pp.62-67, 2018 (SCI-Expanded)

XXI. **Possible association between germline methylenetetrahydrofolate reductase gene polymorphisms and psoriasis risk in a Turkish population**
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XXII. **THE MEFV GENE PATHOGENIC VARIANTS AND PHENOTYPE-GENOTYPE CORRELATION IN CHILDREN WITH FAMILIAL MEDITERRANEAN FEVER IN THE CANAKKALE POPULATION**
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BALKAN JOURNAL OF MEDICAL GENETICS, vol.19, no.2, pp.23-28, 2016 (SCI-Expanded)

XXIII. **Is there any increased risk of hypertension, diabetes and cardiac diseases in psoriatic patients with TNF-α G238A and G308A polymorphism?**
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Uludağ A., UYSAL A., Uludağ A., Ertekin Y. H., Tekin M., KÜTÜK B., Silan F., Özdemir Ö.
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ULUDAG A., UYSAL A., ULUDAG A., ERTEKİN Y. H., TEKİN M., KÜTÜK B., SILAN F., ÖZDEMİR Ö.
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XXVI. **The CYP4502D6*4 and*6 alleles are the molecular genetic markers for drug response: implications in colchicine non-responder FMF patients**
Yalcintepe S., ÖZDEMİR Ö., SILAN C., Ozen F., ULUDAĞ A., CANDAN F., SILAN F.
EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, vol.41, no.3, pp.281-286, 2016 (SCI-Expanded)

XXVII. **Vitamin D Receptor Gene BSMI, FOKI, APAI, and TAQI Polymorphisms and the Risk of Atopic Dermatitis**
KILIÇ S., SILAN F., Hiz M. M., IŞIK S., OGRETMEN Z., ÖZDEMİR Ö.
JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY, vol.26, no.2, pp.106-110, 2016 (SCI-Expanded)

XXVIII. **The relationship between C-reactive protein rs3091244 polymorphism and ankylosing spondylitis**
Akbal A., REŞORLU H., Gokmen F., Savas Y., ZATERİ C., Sargin B., BOZKURT E., SILAN F., ÖZDEMİR Ö.
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XXIX. **Tumour necrosis factor alpha, ınterleukin 10 and ınterleukin 6 gene polymorphisms of ıschemic**

stroke patients ın south Marmara region of Turkey
ÖZKAN A., SILAN F., ULUDAĞ A., DEGIRMENCI Y., ÖZIŞIK KARAMAN H. I.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL PATHOLOGY, vol.8, no.10, pp.13500, 2015 (SCI-Expanded)

XXX. **Hyperimmunoglobulin D Syndrome: Case Report**
Sen H., SILAN F., Binnetoglu E., Gunes F., Akurut C., ULUDAĞ A., ÖZDEMİR Ö.
ARCHIVES OF RHEUMATOLOGY, vol.30, no.3, pp.244-246, 2015 (SCI-Expanded)

XXXI. **Association between FokI, ApaI and TaqI RFLP polymorphisms in VDR gene and Hashimoto's thyroiditis: preliminary data from female patients in Serbia**
Djurovic J., Stojkovic O., Ozdemir O., Silan F., Akurut C., Todorovic J., Savic K., Stamenkovic G.
INTERNATIONAL JOURNAL OF IMMUNOGENETICS, vol.42, no.3, pp.190-194, 2015 (SCI-Expanded)

XXXII. **Multiple Inherited Thrombophilic Gene Polymorphisms in Spontaneous Abortions in Turkish Population.**
YALÇINTEPE S., ÖZDEMİR Ö., HACIVELİOĞLU S. Ö., Akurut Ç., ULUDAĞ A., COŞAR E., SILAN F.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.4, no.2, pp.120-7, 2015 (SCI-Expanded)

XXXIII. **Contribution of the STAT4 rs7574865 gene polymorphism to the susceptibility to otoimmune thyroiditis in healthy population and psoriatic subgroups**
HIZ M. M., OĞUZ S., IŞIK S., ÖĞRETMEN Z., SILAN F.
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XXXIV. **Bcii-RFLP profiles for serum amiloid A1 and mutated MEFV gene prevalence in chronic renal failure patients requiring long-term hemodialysis**
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XXXV. **C-reactive protein gene and Toll-like receptor 4 gene polymorphisms can relate to the development of psoriatic arthritis**
Akbal A., Oguz S., Gokmen F., Bilim S., REŞORLU H., SILAN F., ULUDAĞ A.
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UYRUM E., Balbay O., Annakkaya A. N., Balbay E. G., SILAN F., Arbak P.
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XXXVII. **Is the HLA B27 genotype a risc faktor for psoriatic arthritis and psoriasis vulgaris?**
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XXXVIII. **Association of endothelial nitric oxide synthase Glu298Asp gene polymorphism in psoriasis cases with hypertension.**
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XL. **Association of Vitamin D Receptor Gene Polymorphisms in Children With Atopic Diseases**
TOPALOĞLU N., OĞUZ S., SILAN F., ULUDAĞ A., IŞIK S., Akurut Ç.
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XLI. **Variable R.Msp1 fragmentation in genomic DNA due to DNA hypomethylation in CRF patients with MTHFR C677T gene polymorphism: from genetics to epigenetics**
ÖZDEMİR Ö., SILAN F., URFALI M., ULUDAĞ A., Arı E., Kayataş M.
GENE THERAPY AND MOLECULAR BIOLOGY, vol.16, pp.77-87, 2014 (SCI-Expanded)

XLII. **Association Between Inherited Thrombophilia and Impaired Right Ventricular Function in Deep Vein Thrombosis Without Symptomatic Pulmonary Embolism**
AŞGÜN H. F., KIRILMAZ B., Saygi S., Ozturk O., SILAN F., KARATAĞ O., Kosar S., ÖZDEMİR Ö.

CLINICAL AND APPLIED THROMBOSIS-HEMOSTASIS, vol.20, no.3, pp.270-277, 2014 (SCI-Expanded)

XLIII. **Relationship Between Response to Colchicine Treatment and MDR1 Polymorphism in Familial Mediterranean Fever Patients**
ULUDAĞ A., SILAN C., Atik S., Akurut C., Uludag A., SILAN F., ÖZDEMİR Ö.
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XLIV. **Relationship between response to colchicine treatment and MDR1 polymorphism in familial Mediterranean fever patients.**
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XLV. **Endothelial function and germ-line ACE I/D, eNOS and PAI-1 gene profiles in patients with coronary slow flow in the Canakkale population: multiple thrombophilic gene profiles in coronary slow flow**
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XLVIII. **EFFECTS OF CYP2C19 AND P2Y12 GENE POLYMORPHISMS ON CLINICAL RESULTS OF PATIENTS USING CLOPIDOGREL AFTER ACUTE ISCHEMIC CEREBROVASCULAR DISEASE**
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SILAN F., ÖZDEMİR Ö., UYSAL A., ULUDAĞ A., Erçelen N.
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L. **The Proto-Oncogene KRAS and BRAF Profiles and Some Clinical Characteristics in Colorectal Cancer in the Turkish Population**
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LI. **DOUBLE TRANSLOCATION: AN INTERESTING FAMILY HISTORY**
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LIII. **Stria Gravidarum Is Genetic But Not Related With Collagen Gene Polymorphism**
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LIV. **Possible Roles of the Xenobiotic Transporter P-glycoproteins Encoded by the MDR1 3435 C > T Gene Polymorphism in Differentiated Thyroid Cancers**
ÖZDEMİR S., ULUDAĞ A., SILAN F., Atik S. Y., Turgut B., ÖZDEMİR Ö.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.14, no.5, pp.3213-3217, 2013 (SCI-Expanded)

LV. **The prevalence of VKORC1 1639 G > A and CYP2C9*2*3 genotypes in patients that requiring anticoagulant therapy in Turkish population**
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LVII. **Increased T allele frequency of 677 C>T polymorphism in the MTHFR gene in differentiated thyroid carcinoma.**
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Metrics

Publication: 295
Citation (WoS): 330
Citation (Scopus): 897
H-Index (WoS): 10
H-Index (Scopus): 15

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II INTERNATIONAL SCIENTIFIC CONFERENCE ON "GENETICS AND BIOTECHNOLOGY OF THE 21ST CENTURY, Invited Speaker, Minsk, Belarus, 2015
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Tıbbi Genetik ve Klinik Uygulamaları Kongresi, Invited Speaker, Adana, Turkey, 2015
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Non Academic Experience

ÇOMÜ Tıp Fakültesi Tıbbi Genetik AD
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ÇOMÜ Tıp Fakültesi Tıbbi Genetik AD
Düzce Ü. Sağlık Bilimleri Enstitüsü
Düzce Üniv. Düzce Tıp Fakültesi Tıbbi Biyoloji AD.
Düzce Üniv. Düzce Tıp Fakültesi Tıbbi Genetik AD
AİBÜ Düzce Tıp Fakültesi Tıbbi Biyoloji AD.
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Şişli Etfal Eğitim ve araştırma Hastanesi
İ.Ü Cerrahpaşa Tıp Fakültesi Tıbbi Genetik