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Education Information

Doctorate, Istanbul University, Istanbul Medical Faculty, Tıbbi Genetik Bilim Dalı İç Hastalıkları Ad, Turkey 1992 - 1995
Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Dahili Tıp Bilimleri Bölümü İç Hastalıkları Ad, Turkey 1985 - 1990
Undergraduate, Istanbul University, Istanbul Medical Faculty, Dahili Tıp Bilimleri Bölümü İç Hastalıkları Ad, Turkey 1977 - 1983

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Tekrarlayan düşüğü olan çiftlerin immünogenetik etyolojik bir faktör olarak HLA doku gruplarının değerlendirilmesi , Istanbul University, Istanbul Medical Faculty, İç Hastalıkları Ad/Tıbbi Genetik Bilim Dalı, 1995
Expertise In Medicine, Faz kontrast mikroskobu ile idrarda eritrosit morfolojisine bakılarak hematürinin kaynağının tespit edilmesi, Istanbul University, Istanbul Medical Faculty, Dahili Tıp Bilimleri Bölümü İç Hastalıkları Ad, 1990

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Internal Diseases , Hematology, Oncology, Medical Genetics

Academic Titles / Tasks

Professor, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2004 - Continues

Academic and Administrative Experience

İstanbul Üniversitesi, Dahili Tıp Bilimleri, Tıbbi Genetik, 2013 - Continues
İstanbul Üniversitesi, Dahili Tıp Bilimleri, Tıbbi Genetik, 2011 - Continues
İstanbul Üniversitesi, Dahili Tıp Bilimleri, Tıbbi Genetik, 2011 - Continues
İstanbul Üniversitesi, Dahili Tıp Bilimleri, Tıbbi Genetik, 2008 - 2010

Advising Theses

PALANDUZ Ş., KRONİK MİYELOSİTİK LÖSEMİ HASTALARINDA MOLEKÜLER MONİTÖRİZASYON-KLİNİK SEYİR İLİŞKİSİNİN VE SLC22A1 mRNA EKSPRESYONUNUN ARAŞTIRILMASI, Doctorate, B.BOZKURT(Student), Continues
PALANDUZ Ş., Radyoaktif iyot verilen tiroid kanserli hastalarda kardeş kromatid değişimi ve mikronükleus yöntemleriyle genotoksisitenin araştırılması, Postgraduate, M.Kaya(Student), 2013
PALANDUZ Ş., Mesane tümörlü olguların biyopsi örneklerinde sinyal ileti yolaklarında rol oynayan genlerin ekspresyon profillerinin araştırılması, Doctorate, A.Bayrak(Student), 2012
PALANDUZ Ş., Myelodisplastik Sendromlu Olgularda genomik instabilitenin farklı sitogenetik yöntemlerle (kromozom aberasyonu,kardeş kromatid değişimi,mikronükleus) araştırılması, Postgraduate, E.Nazlıgül(Student), 2009
PALANDUZ Ş., Kronik Myeloid Lösemili olgularda konvansiyonel sitogenetik ve FISH yöntemiyle Ph kromozomu ve varyant translokasyon tespiti, Postgraduate, B.Nihan(Student), 2009
PALANDUZ Ş., Hematolojik Malign hastalıklarda genomik instabilitenin farklı sitogenetik yöntemlerle(kromozom aberasyonu, kardeş kromatid değişimi,mikronükleus) araştırılması, Postgraduate, B.Sevinç(Student), 2008
PALANDUZ Ş., Ailevi Akdeniz Ateşi Patogenezinde ASC ve MEFV genlerinin metilasyonunun rolü, Doctorate, Ş.Öztürk(Student), 2006
PALANDUZ Ş., Myelodisplastik Sendromlu Olguların periferik kan örneklerinde NQ01 geninde CG09T polimorfizm analizi, sitogenetik incelemeler ve polimorfizmin sitogenetilk anomalilerle ilişkisinin değerlendirilmesi, Postgraduate, G.Bağatır(Student), 2005
PALANDUZ Ş., Parafin içinde saklanan malign melanom biyopsi örneklerinde p53 geninin D66E ve dizi analizi;p16,retinoblastoma ve CDK4 genlerinin FISH yöntemi ile incelenmesi, Doctorate, K.Çefle(Student), 2002
PALANDUZ Ş., Hematolojik Malign hastalıklardan High Resolution Bantlama Tekniği kullanarak sitogenetik anomalilerin değerlendirilmesi, Postgraduate, A.Bayrak(Student), 2000

Jury Memberships

Post Graduate, Radyoaktif iyot verilen tiroid kanserli hastalarda kardeş kromatid değişimi ve mikronükleus yöntemleriyle genotoksisitenin araştırılması, Tez Savunma Jürisi, March, 2013
Doctorate, Mesane tümörlü olguların biyopsi örneklerinde sinyal ileti yolaklarında rol oynayan genlerin ekspresyon profillerinin araştırılması, Tez Savunma Jürisi, June, 2012
Post Graduate, Kronik Myeloid Lösemili olgularda konvansiyonel sitogenetik ve FISH yöntemiyle Ph kromozomu ve varyant translokasyon tespiti, Tez Savunma Jürisi, May, 2009
Post Graduate, Myelodisplastik Sendromlu Olgularda genomik instabilitenin farklı sitogenetik yöntemlerle (kromozom aberasyonu,kardeş kromatid değişimi,mikronükleus) araştırılması , Tez Savunma Jürisi, May, 2009
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Doctorate, Ailevi Akdeniz Ateşi patogenezinde ASC ve MEFV genlerinin metilasyonunun rolü, Tez Savunma Jürisi, April, 2006
Post Graduate, Myelodisplastik Sendromlu Olguların periferik kan örneklerinde NQ01 geninde CG09T polimorfizm analizi, sitogenetik incelemeler ve polimorfizmin sitogenetilk anomalilerle ilişkisinin değerlendirilmesi , Tez Savunma Jürisi, June, 2005
Doctorate, Parafin içinde saklanan Malign melanom biyopsi örneklerinde p53 geninin D66E ve dizi analizi;p16,retinoblastoma WCDK4 genlerinin BSH yöntemi ile incelenmesi, Tez Savunma Jürisi, May, 2002
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Published journal articles indexed by SCI, SSCI, and AHCI

I. **Curcumin suppresses cell viability in breast cancer cell line by affecting the expression of miR-15a-5p**
Suer İ., Abuaisha A., Kaya M., Abanoz F., Çefle K., Palanduz Ş., Öztürk Ş.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.1, no.1, pp.1-10, 2024 (SCI-Expanded)

II. **CDR1as/miR-7-5p/IGF1R axis contributes to the suppression of cell viability in prostate cancer**
Kaya M., Suer I., Aytatli A., Karatas O. F., Palanduz S., Cefle K., Ozturk S.
Turkish Journal of Biochemistry, 2024 (SCI-Expanded)

III. **miR-145-5p suppresses cell proliferation by targeting IGF1R and NRAS genes in multiple myeloma cells**
Kaya M., Suer İ., Ozgur E., Capik O., Karatas O. F., Ozturk Ş., Gezer U., Palanduz Ş., Cefle K.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.48, no.5, pp.563-569, 2023 (SCI-Expanded)

IV. **Lactobacillus GG is associated with mucin genes expressions in type 2 diabetes mellitus: a randomized, placebo-controlled trial**
Eliuz Tipici B., Coskunpinar E., Altunkanat D., Cagatay P., Omer B., Palanduz Ş., Satman İ., Aral F.
EUROPEAN JOURNAL OF NUTRITION, vol.62, no.5, pp.2155-2164, 2023 (SCI-Expanded)

V. **Cytogenetic and molecular characterization of a patient having infertility and mild intellectual disability with a very rare unstable ring chromosome 13**
Kaya M., Suer İ., Kalayci T., Karaman B., Ozturk Ş., Palanduz Ş.
SCOTTISH MEDICAL JOURNAL, vol.67, no.4, pp.173-177, 2022 (SCI-Expanded)

VI. **The effect of Anzer honey on X-ray induced genotoxicity in human lymphocytes: An in vitro study**
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MICROSCOPY RESEARCH AND TECHNIQUE, vol.85, no.6, pp.2241-2250, 2022 (SCI-Expanded)

VII. **OCT-1 Expression in Patients with Chronic Myeloid Leukemia: A Comparative Analysis with Respect to Response to Imatinib Treatment**
Bozkurt Bulakçı B., Aday A., Gürtekin B., Yavuz A. S., Öztürk Ş., Çefle K., Palanduz A., Palanduz Ş.
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VIII. **Is there a relationship between ACTN3 R577X gene polymorphism and sarcopenia?**
Kahraman M., Ozulu Turkmen B., Bahat-Ozturk G., Catikkas N. M., Oren M. M., Sahin A., Daglar A., Ozturk S., Palanduz Ş., Diler A. S., et al.
AGING CLINICAL AND EXPERIMENTAL RESEARCH, vol.34, no.4, pp.757-765, 2022 (SCI-Expanded)

IX. **Overview of clinical and genetic features of CML patients with variant Philadelphia translocations involving chromosome 7: A case series**
Bayrak A. G., Daglar Aday A., Yavuz A. S., Nalcaci M., Ozbalak M. M., Cefle K., Ozturk Ş., Palanduz Ş.
LEUKEMIA RESEARCH, vol.111, 2021 (SCI-Expanded)

X. **Clinical Characteristics and Mutation Spectrum of Neurofibromatosis Type 1 in 27 Turkish Families**
Sharifi S., Kalayci T., Palanduz S., Ozturk S., Cefle K.
BALKAN MEDICAL JOURNAL, vol.38, no.6, pp.365-373, 2021 (SCI-Expanded)

XI. **Re: Indication for Y Chromosome Microdeletion Analysis in Infertile Men: Is a New Sperm Concentration Threshold Needed?**
Ortac M., Ergul R., Gurcan M., Kalayci T., Palanduz S., Aydin R., Kadioglu A.
JOURNAL OF UROLOGY, vol.206, no.4, pp.1050, 2021 (SCI-Expanded)

XII. **Skeletal and molecular findings in 51 Cleidocranial dysplasia patients from Turkey**
Berkay E. G., Elkanova L., Kalayci T., ULUDAĞ ALKAYA D., Altunoglu U., Cefle K., Mihci E., NUR B., Tasdelen E., Bayramoglu Z., et al.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.185, no.8, pp.2488-2495, 2021 (SCI-Expanded)

XIII. **A case mimicking chronic myeloid leukemia with t(8;22)(p11;q11)/BCR-FGFR1 and sequential**

transformation to B-acute lymphoblastic leukemia and acute myeloid leukemia
Bayrak A. G., Ucur A., Aday A., Bagatır G., Erdem S., Hancer V. S., Nalcacı M., Ozturk Ş., Cefle K., Palanduz Ş., et al.
Journal of Hematopathology, vol.14, no.2, pp.151-156, 2021 (SCI-Expanded)

XIV. **Dysregulation of MS4A3 and PRDX5 Gene Expression in Multiple Myeloma Patients**
Suer İ., Aday A., Sariman M., Ayer M., Hindilerden I. Y., Ekmekci S. S., Abacı N., Palanduz Ş., Çefle K., Öztürk Ş.
UHOD-ULUSLARARASI HEMATOLOJI-ONKOLOJI DERGISI, vol.31, no.4, pp.205-213, 2021 (SCI-Expanded)

XV. **Indication for Y Chromosome Microdeletion Analysis in Infertile Men: Is a New Sperm Concentration Threshold Needed?**
Ortac M., Ergul R. B., Gurcan M., Kalayci T., Palanduz Ş., Aydin R., Kadıoğlu A.
UROLOGY, vol.146, pp.113-117, 2020 (SCI-Expanded)

XVI. **RELATIONSHIP BETWEEN CHROMOSOMAL ABERRATIONS AND GENE EXPRESSIONS IN THE p53 PATHWAY IN CHRONIC LYMPHOCYTIC LEUKEMIA**
ÖZTAN G., Aktan M., Palanduz Ş., İŞSEVER H., ÖZTÜRK Ş., Nikerel E., Ucur A., Bagatir G., BAYRAK A. G., ÇEFLE K.
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XVII. **DNA damage effects of inhalation anesthetics in human bronchoalveolar cells**
ÇUKUROVA Z., Cetingok H., Ozturk S., Gedikbasi A., HERGÜNSEL O., Ozturk D., Don B., Cefle K., Palanduz S., Ertem D. H.
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XVIII. **Investigation of Gene Expressions of Myeloma Cells in the Bone Marrow of Multiple Myeloma Patients by Transcriptome Analysis**
Sariman M., Abaci N., Ekmekci S., Cakiris A., Pacal F., Ustek D., Ayer M., Yenerel M. N., Besisik S., Cefle K., et al.
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XIX. **The Effect of PAI-1 Gene Variants and PAI-1 Plasma Levels on Development of Thrombophilia in Patients With Klinefelter Syndrome**
Erkal B., Yıgın A. K., Palanduz S., Dasdemir S., Seven M.
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XX. **Clinical features and molecular genetic analysis in a Turkish family with oral white sponge nevus**
Kurklu E., Ozturk S., Cassidy A. J., Ak G., Koray M., Cefle K., Palanduz S., Gulluoglu M., Tanyeri H., McLean W.
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XXI. **REST Final-Exon-Truncating Mutations Cause Hereditary Gingival Fibromatosis**
BAYRAM Y., WHITE J. J., Elcioglu N., CHO M. T., ZADEH N., Gedikbasi A., Palanduz S., Ozturk Ş., Cefle K., Kasapcopur O., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.101, no.1, pp.149-156, 2017 (SCI-Expanded)

XXII. **WRN Mutation Update: Mutation Spectrum, Patient Registries, and Translational Prospects**
Yokote K., Chanprasert S., Lee L., EIRICH K., Takemoto M., Watanabe A., Koizumi N., LESSEL D., Mori T., Hisama F. M., et al.
HUMAN MUTATION, vol.38, no.1, pp.7-15, 2017 (SCI-Expanded)

XXIII. **The frequency of C609T polymorphism in the NQO1 gene and its relation to cytogenetic abnormalities in patients with myelodysplastic syndrome.**
Bagatır G., Sırma S. Ö., Palanduz S., Ozturk Ş., Cefle K., Ozbek U., Yenerel M. N., Nalcacı M.
Cellular and molecular biology (Noisy-le-Grand, France), vol.62, no.7, pp.61-5, 2016 (SCI-Expanded)

XXIV. **Mutations in RAD21 Disrupt Regulation of APOB in Patients With Chronic Intestinal Pseudo-Obstruction**
BONORA E., BIANCO F., Cordeddu L., Bamshad M., Francescatto L., Dowless D., STANGHELLINI V., COGLIANDRO R. F., Lindberg G., Mungan Z., et al.
GASTROENTEROLOGY, vol.148, no.4, pp.771-793, 2015 (SCI-Expanded)

XXV. **Genotoxicity of fixation devices analyzed by the frequencies of sister chromatid exchange**
Aydil B. A., Kocak Berberoglu H., Ozturk S., Cefle K., Palanduz S., Erkal H.
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.19, no.4, pp.299-304, 2013 (SCI-Expanded)

XXVI. **Investigation of mutations in the synaptonemal complex protein 3 (SYCP3) gene among azoospermic**

infertile male patients in the Turkish population
Gurkan H., Aydın F. F., Kadioglu A., Palanduz S.
ANDROLOGIA, vol.45, no.2, pp.92-100, 2013 (SCI-Expanded)

XXVII. **A Turkish trichothiodystrophy patient with homozygous XPD mutation and genotype-phenotype relationship**
Pehlivan D., Cefle K., Raams A., Ozturk Ş., Baykal C., Kleijer W. J., Palanduz S., Jaspers N. G. J.
JOURNAL OF DERMATOLOGY, vol.39, no.12, pp.1016-1021, 2012 (SCI-Expanded)

XXVIII. **Prostaglandin transporter mutations cause pachydermoperiostosis with myelofibrosis**
Diggle C. P., Parry D. A., Logan C. V., Laissue P., Rivera C., Martin Restrepo C., Fonseca D. J., Morgan J. E., Allanore Y., Fontenay M., et al.
HUMAN MUTATION, vol.33, no.8, pp.1175-1181, 2012 (SCI-Expanded)

XXIX. **A novel two bases deletion in the albumin gene causes analbuminaemia in a young Turkish man.**
CARIDI G., DAGNINO M., Di D., AKYÜZ F., BOZTAS G., BESISIK F., DEMIR K., ORMECI A., GOKTURK S., CEFLE K., et al.
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XXX. **Investigation of Arg399Gln and Arg194Trp Polymorphisms of the XRCC1 (X-Ray Cross-Complementing Group 1) Gene and Its Correlation to Sister Chromatid Exchange Frequency in Patients with Chronic Lymphocytic Leukemia**
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XXXI. **No difference in micronuclear scores in both circulating lymphocytes and Buccal Epithelial Cells between Patients with Oral Lichen Planus and Oral Lichenoid Stomatitis**
Ergun S., Kaya M., Warnakulasuriya S., Erbagci M., Oeztuerk Ş., Saruhanoglu A., Oezel S., Cefle K., Palanduz S., Tanyeri H.
ORAL DISEASES, vol.16, no.6, pp.524-525, 2010 (SCI-Expanded)

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XXXIV. **NILOTINIB EFFICACY IN 21 IMATINIB-RESISTANT OR-INTOLERANT T (9;22) POSITIVE CHRONIC MYELOID LEUKEMIA PATIENTS WITH AND WITHOUT ADDITIONAL CHROMOSOMAL CHANGES**
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XXXVI. **İMATİNİBE DİRENÇLİ VEYA ENTOLERANS GÖSTEREN, KROMOZOMAL DEĞİŞİKLİKLERİ OLAN VE OLMAYAN T(9;22) POZİTİF KRONİK MYELOİD LÖSEMİLİ 21 HASTADA NİLOTİNİB'İN ETKİNLİĞİ**
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XXXVII. **Cytogenetic Analysis and Examination of SOS1 Gene Mutation in a Turkish Family with Hereditary Gingival Fibromatosis**
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SUER İ., KAYA M., ÖZTÜRK Ş., ÇEFLE K., PALANDUZ Ş., KARATAŞ Ö. F., Project Supported by Higher Education Institutions, CDR1as CircRNA'sı ile Prostat Kanseri Arasındaki İlişkinin Araştırılması, 2021 - 2024
PALANDUZ Ş., MEHTEROĞLU E., SUER İ., Project Supported by Higher Education Institutions, MiR-7-5p İle Akut Myeloid Lösemi (AML) İlişkisinin İncelenmesi, 2021 - 2022
KALAYCI T., ÖZTÜRK Ş., PALANDUZ Ş., ÇEFLE K., SHARIFI S., Project Supported by Higher Education Institutions, FMR1 ve Karyotip Analizi Normal Sonuçlanan Prematür Over Yetmezliği POF Olgularında Moleküler Etyopatogenezin Araştırılması, 2019 - 2021
ARAL F., ELİUZ TİPİCİ B., ÖMER B., SATMAN İ., PALANDUZ Ş., ÇOŞKUNPINAR E. M., Project Supported by Higher Education Institutions, Tip 2 Diyabetlilerde Lactobacillus GG'nin Glisemik Kontrol, Bazı İnflamatuar Sitokinler ve Gen Ekspresyon Düzeyleri Üzerine Etkileri, 2015 - 2018
PALANDUZ Ş., Project Supported by Higher Education Institutions, KRONİK MYELOSİTİK LÖSEMİ HASTALARINDA MOLEKÜLER MONİTÖRİZASYON-KLİNİK SEYİR İLİŞKİSİNİN VE SLC22A1 mRNA EKSPRESYONUNUN ARAŞTIRILMASI, 2015 - 2018
KARAMAN B., UYGUNER Z. O., PALANDUZ Ş., TÜYSÜZ B., BAŞARAN S., ÇEFLE K., Project Supported by Higher Education Institutions, Dengesiz genomik yeniden düzenlenmelerin tanısında SNP mikro-array teknolojisinin katkıları, 2013 - 2016
PALANDUZ Ş., Project Supported by Higher Education Institutions, MESANE TÜMÖRLÜ OLGULARIN BİYOPSİ ÖRNEKLERİNDE SİNYAL İLETİ YOLAKLARININ ROLLERİNİN ARAŞTIRILMASI, 2010 - 2012
PALANDUZ Ş., Project Supported by Higher Education Institutions, Miyelodisplastik sendromlu olgularda genomik instabilitenin farklı sitogenetik yöntemlerle (kromozom aberasyonu, kardeş kromatid değişimi, mikronukleus) araştırılması, 2008 - 2011
PALANDUZ Ş., Project Supported by Higher Education Institutions, Kronik Myeloid Lösemi (KML)'li olgularda konvansiyonel sitogenetik ve FISH yöntemiyle Ph1 kromozomu ve varyant translokasyonların tespiti, 2008 - 2011
PALANDUZ Ş., Project Supported by Higher Education Institutions, Pnömonide D vitamini düzeyi, 2007 - 2011
PALANDUZ Ş., Project Supported by Higher Education Institutions, Stroke caused by central nervous system vasculitis in a young adult patient with Down Syndrome, 2010 - 2010

Activities in Scientific Journals

İÇ HASTALIKLARI DERGİSİ, First Editor, 2009 - Continues

Metrics

Publication: 200
Citation (WoS): 1046
Citation (Scopus): 1288
H-Index (WoS): 17
H-Index (Scopus): 19

Congress and Symposium Activities

İnhalasyon Anestezisi İle Oluşan Genotoksik Etkilerin Bronkoalveolar Lavaj Sıvısında Tek Hücre Jel Elektroforezi, Komet Yöntemi İle İncelenmesi, Attendee, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi / 47,XXY,inv(12) (q15q24) Karyotip Özelliği Gösteren Klinefelter Sendromlu Bir Olgu, Attendee, İstanbul, Turkey, 2014

11.Ulusal Tıbbi Genetik Kongresi /Erkek İnfertilitesinde AZF, Attendee, İstanbul, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi /Büyük Yq delesyonlu 46,X, del(Yq) İnfertil Olguda Sadece AZFc Delesyonu, Attendee, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi / Kleidokranial Displazi: Olgu Sunumu, Attendee, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi /46, XY,t(4;6) (p15.3;q23) Kriptik Dengeli Resiprokal Translokasyonunu Taşıyan İnfertil Olgu, Attendee, İstanbul, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi /Diskeratozis Konjenita: Olgu Sunumu, Attendee, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi / mos 46,XX/ 47,XXX/ 48, XXXX Karyotipli Cinsel Kimlik Bozukluğu Tanılı Olgu, Attendee, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi /Akut Lökoz Tanılı Bir Olguda i(11)(q10), i(11)(p10),+11 Bulgusu, Attendee, İstanbul, Turkey, 2014
11.Ulusal Tıbbi Genetik Kongresi /mos 46,XX / 47,XXX/ 48,XXXX Karyotipli Cinsel Kimlik Bozukluğu Tanılı Olgu, Attendee, Turkey, 2014

Awards

Abuaisha A., Kaya M., Suer İ., Çefle K., Palanduz Ş., Öztürk Ş., Sözlü Bildiri İkincilik Ödülü, 7. Uluslararası Erciyes Tıp Tıbbi Genetik Kongresi, May 2022

Non Academic Experience

Denizli Askeri Hastanesi
Hacettepe Tıp Fakültesi