

Prof. ÖZDEN HATIRNAZ NG

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul University, Health Sciences Institute, Turkey 2005 - 2012

Postgraduate, Istanbul University, Health Sciences Institute, Turkey 2002 - 2005

Undergraduate, Istanbul University, Faculty Of Science, Department Of Biology, Turkey 1998 - 2002

Research Areas

Medicine, Medical Biology, Medical Genetics, Health Sciences, Fundamental Medical Sciences

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2023 - Continues

Associate Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2018 - 2023

Research Assistant, Istanbul University, Deneysel Tıp Araştırma Enstitüsü, Genetik Anabilim Dalı, 2005 - 2018

Academic and Administrative Experience

Vice Dean, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2024 - Continues

Deputy Director of the Center, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Medical Sciences, 2023 - Continues

Course Board Chairman, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2022 - 2024

Assistant Director of the Institute, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2022 - 2023

Deputy Director of the Center, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2019 - 2022

Yıl Koordinatörü, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2019 - 2022

Acibadem Mehmet Ali Aydınlar University, 2019 - 2020

Supervised Theses

- Hatırnaz Ng Ö., Lösemi ve Lenfomaya Genetik Yatkınlık, Doctorate, G.Şentürk(Student), Continues
- Hatırnaz Ng Ö., Özdemir Ö., An Elaborative Multiplex Primer Design Algorithm to Develop Comprehensive Multigene Panels, Postgraduate, A.Akkuş(Student), 2024
- Hatırnaz Ng Ö., ERLIN1 gene associated neurodegenerative phenotype, Postgraduate, G.Şebnem(Student), 2024
- Hatırnaz Ng Ö., Functional analysis of variants identified in cancer predisposition genes, Postgraduate, U.Amanvermez(Student), 2024
- Hatırnaz Ng Ö., Özdemir Ö., Multivariate analysis of genomic in-silico pathogenicity predictors, Postgraduate, E.Aydın(Student), 2024
- Hatırnaz Ng Ö., Sayitoğlu M., Çocukluk Çağı Lösemi Lenfomalarda Yatkınlık Genlerinin Araştırılması, Doctorate, K.KHODZHAEV(Student), 2024
- Hatırnaz Ng Ö., Development of Gene Editing Based Applications For X-Linked Agammaglobulinemia, Postgraduate, M.Gündoğdu(Student), 2023
- Hatırnaz Ng Ö., Molecular Diagnosis with Exome Sequencing Re-Analysis of Undiagnosed and Rare Diseases, Postgraduate, S.AKYÖNEY(Student), 2022
- Hatırnaz Ng Ö., Enhanced phagocytosis of CAR macrophage in solid tumor, Postgraduate, D.ÇAKIRSOY(Student), 2021
- Hatırnaz Ng Ö., Sayitoğlu M., Primer immün yetmezlik hastalarında TREC/KREC analizi ile T ve B hücre gelişimi kontrolü, Postgraduate, G.ŞENTÜRK(Student), 2018
- Hatırnaz Ng Ö., Sayitoğlu M., Akut lenfoblastik lösemi hastalarına ait tüm genom ekspresyon datasında regülatör miRNA'ların saptanması ve validasyonu, Postgraduate, K.Khodzhaev(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Clinical management of three JMML siblings with germline CBL variation**
Agaoglu N. B., Yalcın K., Unal B., Onder G., Celen S. S., Zhumatayev S., Ozbek U., HATIRNAZ NG Ö.
Cancer Genetics, vol.292-293, pp.120-123, 2025 (SCI-Expanded)
- II. **Managing CDH1 Cancer Risks in a Child: Complex Decision Making in a Family With Hereditary Diffuse Gastric Cancer**
Agaoglu N. B., HATIRNAZ NG Ö., Zemheri I. E., Unal B., Gerenli N., Tosun I., Yazıcı H., Ozbek U., Kamihara J., Rana H. Q.
American Journal of Medical Genetics, Part A, vol.197, no.2, 2025 (SCI-Expanded)
- III. **Status of IKZF1 Deletions in Diagnose and Relapsed Pediatric B-ALL Patients.**
Erbilgin Y., Firtina S., Kirat E., Khodzhaev K., Karakas Z., Ünüvar A., Ocak S., Celkan T. T., Zengin E., Aylan Gelen S., et al.
Biochemical genetics, 2025 (SCI-Expanded)
- IV. **Long-term immunological changes after corrective cardiac surgery**
Bilgic-Eltan S., Amirov R., Babayeva R., Yorgun Altunbas M., Karakurt T., Can S., Yalcın Gungoren E., Bozkurt S., Ozturk N., Catak M. C., et al.
Scandinavian Journal of Immunology, vol.100, no.6, 2024 (SCI-Expanded)
- V. **Molecular and In Silico Analysis of the CHEK2 Gene in Individuals with High Risk of Cancer Predisposition from Türkiye.**
Ozdemir Ö., Bychkovsky B. L., Unal B., Onder G., Amanvermez U., Aydın E., Ergun B., Sahin I., Gokbayrak M., Ugurtas C., et al.
Cancers, vol.16, no.22, 2024 (SCI-Expanded)
- VI. **Pushing the boundaries of rare disease diagnostics with the help of the first Undiagnosed Hackathon.**
Delgado-Vega A. M., Cederroth H., Taylan F., Ekholm K., Ek M., Thonberg H., Jemt A., Nilsson D., Einfeldt J., Bilgrav Saether K., et al.
Nature genetics, vol.56, no.11, pp.2287-2294, 2024 (SCI-Expanded)
- VII. **Rapid genome sequencing for critically ill infants: an inaugural pilot study from Turkey.**

Guner Yilmaz B., Akgun-Dogan Ö., Ozdemir Ö., Yuksel B., Hatirnaz Ng Ö., Bilguvar K., Ay B., Ozkose G. S., Aydin E., Yigit A., et al.

Frontiers in pediatrics, vol.12, pp.1412880, 2024 (SCI-Expanded)

- VIII. **Genomic disparity impacts variant classification of cancer susceptibility genes in Turkish breast cancer patients.**
Agaoglu N. B., Unal B., Hayes C. P., Walker M., Ng Ö., Doganay L., Can N. D., Rana H. Q., Ghazani A. A.
Cancer medicine, 2024 (SCI-Expanded)
- IX. **Memantine and SKF82958 but not an enriched environment modulate naloxone-precipitated morphine abstinence syndrome without affecting hippocampal tPA mRNA levels in rats**
Aslan A., Hatirnaz-Ng Ö., Tasar O., Ozbek U., Yamanturk-Celik P.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.234, 2024 (SCI-Expanded)
- X. **A new line method; A direct test in spinal muscular atrophy screening for DBS**
Kubar A., Temel S. G., Beken S., Onder G., Hatirnaz Ö., Korkmaz A., Alanay Y., Ozbek U., Sag S. O., Ergoren M. C., et al.
Molecular Genetics and Genomic Medicine, vol.11, no.12, 2023 (SCI-Expanded)
- XI. **Impact of TP53 gene variants on prognosis and survival of childhood acute lymphoblastic leukemia.**
Firtina S., Erbilgin Y., Hatirnaz Ng Ö., Karaman S., Karakas Z., Celkan T. T., Gelen S. A., Yildirmak Y., Ozbek U., Sayitoglu M.
Scandinavian journal of clinical and laboratory investigation, vol.83, no.3, pp.187-193, 2023 (SCI-Expanded)
- XII. **Perception and management of cancer predisposition in pediatric cancer centers: A European-wide questionnaire-based survey.**
Lazic J., Haas O. A., Özbek U., Ripperger T., Byrjalsen A., Te Kronnie G., Sayitoğlu M., Ng Ö., Agaoglu N. B., Erbilgin Y., et al.
Pediatric blood & cancer, vol.70, no.5, 2023 (SCI-Expanded)
- XIII. **Obstacles and expectations of rare disease patients and their families in Turkiye: ISTisNA project survey results**
Hatirnaz Ng Ö., Sahin I., Erbilgin Y., Ozdemir Ö., Yucesan E., Erturk N., Yemenici M., Akgun Dogan Ö., Ugur Iseri S. A., Satman I., et al.
FRONTIERS IN PUBLIC HEALTH, vol.10, 2023 (SCI-Expanded)
- XIV. **Concurrent Pathogenic Variants of BRCA1, MUTYH and CHEK2 in a Hereditary Cancer Family**
Agaoglu N. B., HATIRNAZ NG Ö., Unal B., AKGÜN DOĞAN Ö., Amanvermez U., Yildiz J., Doganay L., Ghazani A. A., Rana H. Q.
CANCER GENETICS, vol.268-269, pp.128-136, 2022 (SCI-Expanded)
- XV. **Tackling TKI resistance in AML: A commentary on "Inhibition of BCL2A1 by STAT5 inactivation overcomes resistance to targeted therapies of FLT3-ITD/D835 mutant AML." by Yamatani et al.**
Hatirnaz Ng Ö., Eşkazan A. E.
Translational oncology, vol.19, pp.101394, 2022 (SCI-Expanded)
- XVI. **Determining T and B Cell development by TREC/KREC analysis in primary immunodeficiency patients and healthy controls**
Senturk G., Ng Y. Y., Eltan S. B., Baser D., Ogulur I., Altindirek D., Firtina S., Yilmaz H., Kocamis B., Kiykim A., et al.
SCANDINAVIAN JOURNAL OF IMMUNOLOGY, vol.95, 2022 (SCI-Expanded)
- XVII. **Primary antibody deficiencies in Turkey: molecular and clinical aspects**
Firtina S., Ng Y. Y., HATIRNAZ NG Ö., Kiykim A., Ozek E. Y., Kara M., AYDINER E., Nepesov S., Camcioglu Y., Sayar E. H., et al.
IMMUNOLOGIC RESEARCH, vol.70, no.1, pp.44-55, 2022 (SCI-Expanded)
- XVIII. **Zinc finger protein 384 (ZNF384) impact on childhood mixed phenotype acute leukemia and B-cell precursor acute lymphoblastic leukemia**
Sudutan T., ERBİLĞİN Y., HATIRNAZ NG Ö., KARAMAN S., KARAKAŞ Z., Kucukcankurt F., Celkan T., Timur C., Ozdemir G. N., Hacisalihoglu S., et al.
LEUKEMIA & LYMPHOMA, vol.63, no.12, pp.2931-2939, 2022 (SCI-Expanded)
- XIX. **Mutational landscape of SARS-CoV-2 genome in Turkey and impact of mutations on spike protein structure.**

Hatirnaz N, Akyoney S, Sahin I, Soykam H, Bayram A, Ozdemir Ö, Kancagi D, Sir K, Yurtsever B, Kocagoz A, et al. *PloS one*, vol.16, no.12, 2021 (SCI-Expanded)

- XX. **Prognostic evidence of LEF1 isoforms in childhood acute lymphoblastic leukemia.**
ERBİLGİN Y., Ng Ö., Can I., Firtina S., Kucukcankurt F., KARAMAN S., KARAKAŞ Z., Celkan T. T., ZENGİN E., AYLAN GELEN S., et al.
International journal of laboratory hematology, vol.43, no.5, pp.1093-1103, 2021 (SCI-Expanded)
- XXI. **Gamma-irradiated SARS-CoV-2 vaccine candidate, OZG-38.61.3, confers protection from SARS-CoV-2 challenge in human ACEII-transgenic mice.**
Turan R. D., Tastan C., Kancagi D. D., Yurtsever B., Karakus G. S., Ozer S., Abanuz S., Cakirsoy D., TÜMENTEMUR G., Demir S., et al.
Scientific reports, vol.11, no.1, pp.15799, 2021 (SCI-Expanded)
- XXII. **Preclinical efficacy and safety analysis of gamma-irradiated inactivated SARS-CoV-2 vaccine candidates**
Sir Karakus G., Tastan C., Dilek Kancagi D., Yurtsever B., Tumentemur G., Demir S., Turan R. D., Abanuz S., Cakirsoy D., Seyis U., et al.
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- XXIII. **Mutational landscape of severe combined immunodeficiency patients from Turkey**
Çekiç Ş., Ng Y. Y., Ng Ö., Kiykim A., Özen A. O., Özen A. O., Özen A. O., Özen A. O., Torun S. H., et al.
INTERNATIONAL JOURNAL OF IMMUNOGENETICS, vol.47, no.6, pp.529-538, 2020 (SCI-Expanded)
- XXIV. **Copy-number variations in adult patients with chronic immune thrombocytopenia.**
YÜCESAN E., Ng Ö., Yalniz F. F., Yilmaz H., SALİHOĞLU A., Sudutan T., Eskazan A. E., Ongoren S., Baslar Z., Soysal T., et al.
Expert review of hematology, vol.13, no.11, pp.1277-1287, 2020 (SCI-Expanded)
- XXV. **The potential protective roles of zinc, selenium and glutathione on hypoxia-induced TRPM2 channel activation in transfected HEK293 cells**
Ergun D. D., Dursun S., PASTACI ÖZSOBACI N., HATIRNAZ NG Ö., NAZIROĞLU M., ÖZÇELİK D.
JOURNAL OF RECEPTORS AND SIGNAL TRANSDUCTION, vol.40, no.6, pp.521-530, 2020 (SCI-Expanded)
- XXVI. **Hydrogen Sulphide and Nitric Oxide Cooperate in Cardioprotection Against Ischemia/Reperfusion Injury in Isolated Rat Heart.**
ÜSTÜNOVA S., TAKIR S., YILMAZER N., Bulut H., ALTINDİREK D., HATIRNAZ NG Ö., Tansel C. D., Dogan B. S. U., ÖZBEK U., ARMUTAK E. İ., et al.
In vivo (Athens, Greece), vol.34, no.5, pp.2507-2516, 2020 (SCI-Expanded)
- XXVII. **Lymphoma Predisposing Gene in an Extended Family: CD70 Signaling Defect**
Khodzhaev K., Bay S. B., Kebudi R., ALTINDİREK D., Kaya A., Erbilgin Y., HATIRNAZ NG Ö., KIYKIM A., Erol F. C., Sen Zengin F., et al.
JOURNAL OF CLINICAL IMMUNOLOGY, vol.40, no.6, pp.883-892, 2020 (SCI-Expanded)
- XXVIII. **PTEN and AKT1 Variations in Childhood T-Cell Acute Lymphoblastic Leukemia**
Kucukcankurt F., Erbilgin Y., Firtina S., Hatirnaz Ö., Karakas Z., Celkan T., Unuvar A., Ozbek U., Sayitoglu M.
TURKISH JOURNAL OF HEMATOLOGY, vol.37, no.2, pp.98-103, 2020 (SCI-Expanded)
- XXIX. **Prognostic gene alterations and clonal changes in childhood B-ALL.**
ERBİLGİN Y., Firtina S., Mercan S., Ng Ö., KARAMAN S., Tasar O., KARAKAŞ Z., Celkan T. T., Zenging E., Sarperg N., et al.
Leukemia research, vol.83, pp.106159, 2019 (SCI-Expanded)
- XXX. **Deep sequencing of BCR-ABL1 kinase domain mutations in chronic myeloid leukemia patients with resistance to tyrosine kinase inhibitors.**
ERBİLGİN Y., Eskazan A. E., HATIRNAZ NG Ö., SALİHOĞLU A., ELVERDİ T., Firtina S., Tasar O., Mercan S., Sisko S., Khodzhaev K., et al.
Leukemia & lymphoma, vol.60, no.1, pp.200-207, 2019 (SCI-Expanded)
- XXXI. **A novel pathogenic frameshift variant of CD3E gene in two T-B+ NK+ SCID patients from Turkey.**
Firtina S., Ng Y. Y., Ng Ö., Nepesov S., Yesilbas O., Kilercik M., Burtocene N., Cinar S., Camcioglu Y., ÖZBEK U., et al.
Immunogenetics, vol.69, no.10, pp.653-659, 2017 (SCI-Expanded)

- XXXII. **Dysregulation of the DKK1 gene in pediatric B-cell acute lymphoblastic leukemia**
Firtina S., Hatirnaz Ng Ö., Erbilgin Y., Ozbek U., Sayitoglu M.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.1, pp.357-363, 2017 (SCI-Expanded)
- XXXIII. **A Possible Role for WNT5A Hypermethylation in Pediatric Acute Lymphoblastic Leukemia**
HATIRNAZ NG Ö., Firtina S., Can I., KARAKAŞ Z., Agaoglu L., DOĞRU Ö., Celkan T., Akcay A., Yildirmak Y., Timur C., et al.
TURKISH JOURNAL OF HEMATOLOGY, vol.32, no.2, pp.127-135, 2015 (SCI-Expanded)
- XXXIV. **Deregulated WNT signaling in childhood T-cell acute lymphoblastic leukemia**
HATIRNAZ NG Ö., ERBİLGİN Y., Firtina S., Celkan T., KARAKAŞ Z., Aydoğan G., Turkkın E., Yildirmak Y., Timur C., ZENGİN E., et al.
BLOOD CANCER JOURNAL, vol.4, 2014 (SCI-Expanded)
- XXXV. **LOCAL RENIN-ANGIOTENSIN SYSTEM IN NORMAL HEMATOPOIETIC AND MULTIPLE MYELOMA-RELATED PROGENITOR CELLS**
Haznedaroglu I., Uz B., Ozcebe O., Buyukasik Y., Goker H., Aksu S., Sayinalp N., Tatonyan S., Sayitoglu M., Erbilgin Y., et al.
HAEMATOLOGICA, vol.98, pp.768, 2013 (SCI-Expanded)
- XXXVI. **Identification of Interconnected Markers for T-Cell Acute Lymphoblastic Leukemia**
Maiorov E. G., Keskin O., Ng Ö., Ozbek U., Gursoy A.
BIOMED RESEARCH INTERNATIONAL, 2013 (SCI-Expanded)
- XXXVII. **Upregulation of T-Cell-Specific Transcription Factor Expression in Pediatric T-Cell Acute Lymphoblastic Leukemia (T-ALL)**
SAYITOĞLU M., ERBİLGİN Y., HATIRNAZ NG Ö., Yildiz I., Celkan T., Anak S., Devcioglu O., Aydoğan G., Karaman S., SARPER N., et al.
TURKISH JOURNAL OF HEMATOLOGY, vol.29, no.4, pp.325-333, 2012 (SCI-Expanded)
- XXXVIII. **Genetic alterations in members of the Wnt pathway in acute leukemia**
Erbilgin Y., Ng Ö., Mavi N., Ozbek U., Sayitoglu M.
Leukemia and Lymphoma, vol.53, no.3, pp.508-510, 2012 (SCI-Expanded)
- XXXIX. **Definition of C282Y mutation in a hereditary hemochromatosis family from Turkey**
Yoenal O., Hatirnaz Ö., Akyuez F., Koroglu G., Ozbeik U., Cefle K., Mungan Z.
Turkish Journal of Gastroenterology, vol.18, no.1, pp.53-57, 2007 (SCI-Expanded)
- XL. **HFE gene mutation, chronic liver disease, and iron overload in Turkey**
Yoenal O., Hatirnaz Ö., Akyuez F., Ozbek U., Demir K., Kaymakoglu S., Oekten A., Mungan Z.
Digestive Diseases and Sciences, vol.52, no.11, pp.3298-3302, 2007 (SCI-Expanded)
- XLI. **The SOCS-1 gene methylation in chronic myeloid leukemia patients**
Hatirnaz M., Ure U., Ar C., Akyerli C., Soysal T., Ferhanoglu B., Oezcelik T., Ozbek U.
American Journal of Hematology, vol.82, no.8, pp.729-730, 2007 (SCI-Expanded)

Supported Projects

Hatirnaz Ng Ö., Acan Ö. U., TUBITAK Project, Kanser Hücrelerinde Hibrit Epitel-Mezenkimal Geçiş Durumlarının Karakterizasyonu ve Bu Hibrit Durumları Hedefleyen İlaç Adayı Moleküllerin Belirlenmesi, 2022 - 2025

BAYRAM AKÇAPINAR G., DOĞAN T., Bilgüvar K., HATIRNAZ NG Ö., ÖZBEK U., AKGÜN DOĞAN Ö., TUBITAK Project, Deep-CP: Development of a Deep Learning Variant Pathogenicity Prediction Tool using AlphaFold for Cerebral Palsy , 2022 - 2025

Akgün Doğan Ö., Özbek U., Hatirnaz Ng Ö., Alanay Y., Development Agency, İstanbul Tanısız ve NAdir Hastalıklara Çözüm Platformu-İSTisNA, 2022 - 2024

Alanay Y., Özbek U., Hatirnaz Ng Ö., Akgün Doğan Ö., Özdemir Ö., Çıtak A., Korkmaz Toygar A., Beken S., Kazancı E., Demirel A., et al., Project Supported by Higher Education Institutions, Yenidoğan ve Çocuk Yoğun Bakım Ünitesinde (YYBÜ/ÇYBÜ) Hızla Kötüleşen Kritik Yenidoğan ve Süt Çocuklarında Hızlı Yeni Nesil Dizileme ile Genetik Tanı, 2022 - 2024

HATIRNAZ NG Ö., ÖZDEMİR Ö., ÖZBEK U., TUBITAK Project, SARS-CoV-2 enfeksiyonuna yönelik peptid konjuge modifiye

antisense morfolino oligomer tabanlı tedavi geliştirilmesi, 2021 - 2024

Akgün Doğan Ö., Alanay Y., Hatırnaz Ng Ö., Açikel Elmas M., Project Supported by Higher Education Institutions, "Hereditör Spastik Paraparezili Bir Ailede Klinik İnceleme ve ERLIN1 Geninin Hastalık Patofizyolojisindeki Yerinin Aydınlatılması", 2022 - 2023

Hatırnaz Ng Ö., Özbek U., Sayitoğlu M., Ng Y. Y., Kıykm A., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), X'e Bağlı Agamaglobulinemi'de Lentiviral Gen Terapinin Preklinik Uygulamaları, 2021 - 2022

Hatırnaz Ng Ö., Gezen Ak D., Dursun E., Çine N., TÜBİTAK Project, Nörodejenerasyonun ana patolojik bileşenlerinden amiloid beta 1-42 ve alfa sinükleinin, mitokondrial DNA tarafından kodlanan genlerin transkripsiyonları üzerine etkilerinin, DNA, RNA ve protein etkileşimleri açısından araştırılması -, 2020 - 2022

Hatırnaz Ng Ö., Sayitoğlu M., Özbek U., Çine N., Canpolat C., Ministry of Health, TÜSEB Bireysel ve Dönüşümsel Tıp Alanındaki Uygulamalı Proje Çağrısı: Akut lenfoblastik lösemi, 2020 - 2021

Hatırnaz Ng Ö., Özbek U., Alanay Y., Project Supported by Higher Education Institutions, Albinizm Hastalıklarında gen varyantlarının ekzom analizi ile belirlenmesi, 2020 - 2021

Hatırnaz Ng Ö., Özbek U., Alanay Y., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Bireysel ve Dönüşümsel Tıp Alanındaki Uygulamalı Proje Çağrısı: Albinizm, 2019 - 2021

Özbek U., Hatırnaz Ng Ö., Alanay Y., Development Agency, İSTİSNA – İstanbul Tanısız ve Nadir Hastalıklara Çözüm Platformu Fizibilite Projesi, 2019 - 2021

Özbek U., Hatırnaz Ng Ö., Alanay Y., Project Supported by Higher Education Institutions, Genetic predisposition to leukemia and lymphoma, 2019 - 2020

Peer Reviews in Scientific Publications

BMC CANCER, Journal Indexed in SCI-E, February 2024

Turkish Journal of Hematology, National Scientific Refreed Journal, April 2023

BMC CANCER, Journal Indexed in SCI-E, January 2023

BMC CANCER, Journal Indexed in SCI-E, January 2023

TURKISH JOURNAL OF HAEMATOLOGY, National Scientific Refreed Journal, January 2022

TURKISH JOURNAL OF HEMATOLOGY, Journal Indexed in SCI-E, December 2021

BMC CANCER, Journal Indexed in SCI-E, October 2021

OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, Journal Indexed in SCI-E, October 2021

BMC GENETICS, Journal Indexed in SCI-E, May 2021

UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, Journal Indexed in SCI-E, January 2021

Scientific Project Refereeing

Chamber / Union / Professional Association, March 2024

Project Supported by Higher Education Institutions, BAP Research Project, September 2023

TÜBİTAK Project, 1002 - Quick Support Program, March 2023

TÜBİTAK Project, 1002 - Quick Support Program, March 2023

TÜBİTAK Project, My support program is not listed (Old), February 2023

Project Supported by Higher Education Institutions, BAP Research Project, January 2023

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), November 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), November 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), June 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), May 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), May 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), May 2022

TÜBİTAK Project, 2209-B - Sanayiye Yönelik Lisans Araştırma Projeleri Destekleme Programı, May 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), May 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), May 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), April 2022
TUBITAK Project, 3501 - National Young Researcher Career Development Program, February 2022
Project Supported by Other Official Institutions, November 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, September 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, September 2021
TUBITAK Project, 3501 - National Young Researcher Career Development Program, August 2021
TUBITAK Project, 1002 - Quick Support Program, July 2020

Congress and Symposium Activities

Ulusal Hematoloji Kongresi, Working Group, Antalya, Turkey, 2024
şıl Berat Barlan Akademisi DOĞUŞTAN BAĞIŞIKLIK KUSURLARI ULUSLARARASI USTALIK OKULU, Invited Speaker, İzmir, Turkey, 2024
Ulusal Hematoloji Kongresi, Working Group, Antalya, Turkey, 2023
Nadir ve Tanımsız Hastalıkların Çözümünde Kullanılacak Stratejiler, Genomik Yaklaşımlar ve Veri Analizleri Eğitimi, Moderator, İstanbul, Turkey, 2023
Undiagnosed Diseases Network International (UDNI) Hackathon, Attendee, Stockholm, Sweden, 2023
Molecular Biology and Genetics Departmental Seminar Series, Invited Speaker, İstanbul, Turkey, 2023
European Leukemia Net, Working Group, Mannheim, Germany, 2023
Nadir Hastalıklar Günü Etkinliği, Moderator, İstanbul, Turkey, 2023
Orphanet Nomenklatürü Eğitimi, Moderator, İstanbul, Turkey, 2023
EJP RD: 4th General Assembly and Consortium meeting , Working Group, Porto, Portugal, 2022