

Prof. ÖZDEN HATIRNAZ NG

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 57133

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

Dissertations

Doctorate, T-hücreli akut lenfoblastik lösemide genom boyu anlatım analizleri, Istanbul University, Sağlık Bilimleri Enstitüsü, 2012

Postgraduate, Kronik myeloid lösemi (KML) hastalarında, SOCS-1 gen metillenmesinin araştırılması, Istanbul University, Sağlık Bilimleri Enstitüsü, 2005

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

Courses

Prenatal Diagnosis, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Hücre biyolojisi, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Medical Biology and Genetics for Pharmacy, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

İleri Hücre Biyolojisi, Doctorate, 2023 - 2024, 2022 - 2023, 2018 - 2019

So Common No Matter How Rare, Undergraduate, 2021 - 2022

Medical Biology and Genetics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

Medical Biology and Genetics, Undergraduate, 2021 - 2022, 2020 - 2021

Medical Genetics, Doctorate, 2018 - 2019

Gelişim Genetiği, Doctorate, 2017 - 2018

Kanser Genetiği, Doctorate, 2017 - 2018, 2016 - 2017

Medical Genetics, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Advising 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

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İstanbul Medeniyet Üniversitesi, December, 2023

Associate Professor Exam, Associate Professor Exam, Acibadem Mehmet Ali Aydınlar Üniversitesi, October, 2023

Doctorate, Doctorate, İstanbul Üniversitesi, September, 2023

Doctorate, Doctorate, İstanbul Üniversitesi, August, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Kocaeli Üniversitesi, August, 2023

Doctorate, Doctorate, Kocaeli Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, September, 2022

Doctorate, Doctorate, İstanbul Üniversitesi, August, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Acibadem Mehmet Ali Aydınlar Üniversitesi, October, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Acibadem Mehmet Ali Aydınlar Üniversitesi, October, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Long-term immunological changes after corrective cardiac surgery**
Bilgic-Eltan S., Amirov R., Babayeva R., Yorgun Altunbas M., Karakurt T., Can S., Yalcin Gungoren E., Bozkurt S., Ozturk N., Catak M. C., et al.
Scandinavian Journal of Immunology, vol.100, no.6, 2024 (SCI-Expanded)
- II. **Molecular and In Silico Analysis of the CHEK2 Gene in Individuals with High Risk of Cancer Predisposition from Türkiye.**
Ozdemir O., Bychkovsky B. L., Unal B., Onder G., Amanvermez U., Aydin E., Ergun B., Sahin I., Gokbayrak M., Ugurtas C., et al.
Cancers, vol.16, no.22, 2024 (SCI-Expanded)
- III. **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., Eisefeldt J., Bilgrav Saether K., et al.
Nature genetics, vol.56, no.11, pp.2287-2294, 2024 (SCI-Expanded)
- IV. **Rapid genome sequencing for critically ill infants: an inaugural pilot study from Turkey.**
Guner Yilmaz B., Akgun-Dogan O., Ozdemir O., 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)
- V. **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)
- VI. **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)
- VII. **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, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **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)

- X. **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)
- XI. **Obstacles and expectations of rare disease patients and their families in Turkiye: ISTisNA project survey results**
Hatirnaz Ng Ö., Sahin I., Erbilgin Y., Ozdemir O., 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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **Zinc finger protein 384 (ZNF384) impact on childhood mixed phenotype acute leukemia and B-cell precursor acute lymphoblastic leukemia**
Sudutan T., ERBİLGİN Y., HATIRNAZ NG Ö., KARAMAN S., KARAKAŞ Z., Kucukcankurt F., Celkan T., Timur C., Ozdemir G. N., Hacasalihoglu S., et al.
LEUKEMIA & LYMPHOMA, vol.63, no.12, pp.2931-2939, 2022 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)

- XXI. **Mutational landscape of severe combined immunodeficiency patients from Turkey**
Çekici 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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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., Burtecene N., Cinar S., Camcioglu Y., ÖZBEK U., et al.
Immunogenetics, vol.69, no.10, pp.653-659, 2017 (SCI-Expanded)
- XXX. **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)
- XXXI. **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)
- XXXII. **Deregulated WNT signaling in childhood T-cell acute lymphoblastic leukemia**
HATIRNAZ NG Ö., ERBİLGİN Y., Firtina S., Celkan T., KARAKAŞ Z., Aydogan G., Turkkan E., Yildirmak Y., Timur C., ZENGİN E., et al.
BLOOD CANCER JOURNAL, vol.4, 2014 (SCI-Expanded)
- XXXIII. **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)

XXXIV. 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)

XXXV. 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., Devecioglu O., Aydogan G., Karaman S., SARPER N., et al.

TURKISH JOURNAL OF HEMATOLOGY, vol.29, no.4, pp.325-333, 2012 (SCI-Expanded)

XXXVI. 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)

XXXVII. 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)

XXXVIII. 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)

XXXIX. 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)

Articles Published in Other Journals

- I. **Kronik Myeloid Lösemide BCR-ABL Füzyon Transkriptinin Eş Zamanlı PCR ile Kantitasyonu İçin Referans Plazmid Oluşturulması**
NG Y. Y., Yılmaz Z. H., HATIRNAZ NG Ö., SAYITOĞLU M.
Deneysel Tıp Araştırma Enstitüsü Dergisi, vol.7, no.13, pp.93-100, 2017 (Peer-Reviewed Journal)
- II. **Hematolojik Maligniteler Moleküler Genetik Etiyoloji ve 2016 Dünya Sağlık Örgütü Sınıflaması**
HATIRNAZ NG Ö., ÖZBEK U.
Türkiye Klinikleri Dergisi Tıbbi Genetik Özel Sayısı, vol.2, no.2, pp.88-98, 2017 (Peer-Reviewed Journal)
- III. **First Steps of the Genetic Monitorization in Primary Immune Deficiencies in the Lead of Prof. Dr. Işıl Barlan in Turkey**
Ng Y. Y., Şişko S., Hatirnaz Ng Ö., Çatal Tatonyan S., Sever Kaya D., Fırtına S., Sayitoğlu M., Özbek U.
Turkish Journal of Immunology, vol.3, no.2, pp.47, 2015 (Scopus)
- IV. **First Steps of the Genetic Monitorization in Primary Immune Deficiencies in the Lead of Prof. Dr. Isil Barlan in Turkey**
Ng Y. Y., Sisko S., HATIRNAZ NG Ö., Tatonyan S. C., ŞATANA D., FIRTINA S., SAYITOĞLU M., ÖZBEK U.
TURKISH JOURNAL OF IMMUNOLOGY, no.2, pp.47, 2015 (ESCI)
- V. **8q24 bölgesi çocukluk çağı lenfoblastik lösemiler için potansiyel risk oluşturur mu**
HATIRNAZ NG Ö., Can İ., SİNEM F., ERBİLGİN Y., ÖZBEK U., SAYITOĞLU M.
Deneysel Tıp Dergisi, vol.5, no.9, 2015 (Peer-Reviewed Journal)
- VI. **AKUT LÖSEMİ HÜCRE SERİLERİNDE BETA KATENİN siRNA UYGULAMALARI**
HATIRNAZ NG Ö., ERBİLGİN Y., AKTAŞ E., DENİZ G., ÖZBEK U., SAYITOĞLU M.
DENEYSEL TIP DERGİSİ, vol.2, no.3, pp.16-22, 2012 (Peer-Reviewed Journal)
- VII. **BETA KATENİN VE AXIN2 PROTEİNLERİ ETKİLEŞİMLERİNİN PROKSİMİTİ LİGASYON ASSAY YAKINSAL BAĞLANMA TESPİTİ İLE GÖRÜNTÜLENMESİ**
ERBİLGİN Y., HATIRNAZ NG Ö., SAYITOĞLU M., SÖDERBERG O., ÖZBEK U.
DENEYSEL TIP DERGİSİ, vol.1, no.2, pp.24-27, 2011 (Peer-Reviewed Journal)
- VIII. **Sayımsal Gerçek Zamanlı Polimer Zincir Reaksiyonu ve Hematolojik Gen Anlatım Analizleri**

Books & Book Chapters

- I. **CANCER EVOLUTION: FROM MULTISTEP CARCINOGENESIS TO CHROMOTHRIPSIS**
Hatırnaz Ng Ö.
in: Cancer: From Genomics to Pharmaceutics, Zeynep Karakaş, Müge Sayitoğlu, Meryem Sedef, Editor, Istanbul Univ Press, Istanbul Univ Rectorate, İstanbul, pp.13-18, 2024
- II. **Hematolojik Malnitelerde Minimal Kalıntı Hastalığın Belirlenmesi**
Hatırnaz Ng Ö.
in: HematoLog Genetik, Müge Sayitoğlu, Editor, Galenos, Ankara, pp.137-152, 2019
- III. **Nükleik asit yapısı ve işlevi**
Hatırnaz Ng Ö., Arda E. Ş. N.
in: Tıbbi Genetiğin Esasları, uğur özbek, Editor, istanbul medikal sağlık ve yayıncılık, İstanbul, pp.13-21, 2014
- IV. **DNA Analizi**
Hatırnaz Ng Ö., Arda E. Ş. N.
in: tıbbi genetiğin esasları, uğur özbek, Editor, İstanbul medikal sağlık yayınevi, İstanbul, pp.41-54, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Primer İmmün Yetmezliklerde Rutin Tanı Deneyimi: 2010-2016 Yılları Aziz Sancar Deneysel Tıp Araştırma Enstitüsü, Genetik Anabilim Dalı Verileri**
HATIRNAZ NG Ö., NG Y. Y., Şişko S., Çatal Tatonyan S., Firtina S., Sever Kaya D., ÖZBEK U., SAYITOĞLU M.
3.Klinik İmmünoloji Kongresi, Turkey, 12 April 2017 - 15 April 2017
- II. **Statistical Analysis of Genomic in-silico Pathogenicity Predictors**
Aydin E., Ergun B., HATIRNAZ NG Ö., ÖZDEMİR Ö.
56th Annual Conference of the European-Society-of-Human-Genetics (ESHG), Glasgow, England, 10 - 13 June 2023, pp.652
- III. **From patient to function: modeling CRIM1 in xenopus tropicalis**
AKGÜN DOĞAN Ö., Viviano S., HATIRNAZ NG Ö., Agaoglu N. B., Ji W., Jeffries L., Ozbek U., Lakhani S., Khokha M., Deniz E., et al.
55th European-Society-of-Human-Genetics (ESHG) Conference, Vienna, Austria, 11 - 14 June 2022, pp.656-657
- IV. **Molecular Diagnosis of TYR Negative Albinism Patients by Clinical Exome Sequencing**
Akyoney S., Sahin I., Unal B., Agaoglu N. B., Mudun A., Parlakunes Z., Yilmaz E., ALANAY Y., ÖZBEK U., HATIRNAZ NG Ö.
54th Conference of the European-Society-of-Human-Genetics (ESHG), ELECTR NETWORK, 28 - 31 August 2021, pp.118
- V. **KALITSAL KANSERLERDE KLİNİK ÖNEMİ BİLİNMEYEN GENOMİK VARYANTLARIN FONKSİYONEL KARAKTERİZASYONU VE SINIFLANDIRILMASI**
Üstün Yılmaz S., Özdemir Ö., AĞAOĞLU N. B., HATIRNAZ NG Ö., MÜFTÜOĞLU M., ÖZBEK U.
8.TÜRK TIBBİ ONKOLOJİ KONGRESİ, Antalya, Turkey, 3 - 07 November 2021
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- LXXIII. **AKUT LÖSEMİ HASTALARINDA WNT SİNYAL İLETİ YOLU GENLERİNİN HİPERMETİLASYON ANALİZLERİ**
HATIRNAZ Ö., SAYITOĞLU M., ÖZBEK U.
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- LXXIV. **Detection of SOCS 1 suppressor of cytokine signaling 1 methylation in CML chronic myeloid leukemia patients**
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- LXXVII. **ALLELOTYPE FREQUENCIES OF TPMT CYP3A4 AND CYP23A5 GENES IN TURKISH POPULATION**
ÖZBEK U., SAYITOĞLU M., HATIRNAZ Ö.
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The Second European-American Intensive Course in Clinical and Forensic Genetics, 3 - 14 September 2001

Supported Projects

Hatırnaz Ng Ö., Açıkan 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., Hatırnaz Ng Ö., Alanay Y., Development Agency, İstanbul Tanısız ve NAdir Hastalıklara Çözüm Platformu-İSTİSNA, 2022 - 2024

Alanay Y., Özbek U., Hatırnaz 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., Açıkcel Elmas M., Project Supported by Higher Education Institutions,

“Herediter 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., Kıyık 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

Activities in Scientific Journals

Acıbadem Sağlık Bilimleri Dergisi, Committee Member, 2020 - Continues

Memberships / Tasks in Scientific Organizations

Türk Hematoloji Derneği, Member of Science Committee, 2022 - Continues, Turkey

Tıbbi Genetik Derneği, Member, 2005 - Continues, Turkey

Scientific Refereeing

Chamber / Union / Professional Association, Türk Hematoloji Derneği, Turkey, March 2024

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

Project Supported by Higher Education Institutions, BAP Research Project, Istanbul University, Turkey, September 2023

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

TÜBİTAK Project, 1002 - Quick Support Program, Acıbadem Mehmet Ali Aydınlar University, Turkey, March 2023

TÜBİTAK Project, 1002 - Quick Support Program, Acıbadem Mehmet Ali Aydınlar University, Turkey, March 2023

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

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

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Project Supported by Higher Education Institutions, BAP Research Project, Kocaeli University, Turkey, January 2023

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acıbadem Mehmet Ali Aydınlar University, Turkey, November 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acıbadem Mehmet Ali Aydınlar University, Turkey, November 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acıbadem Mehmet Ali Aydınlar University, Turkey, June 2022

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Turkey, May 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acibadem Mehmet Ali Aydınlar University, Turkey, May 2022

TUBITAK Project, 2209-B - Sanayiye Yönelik Lisans Araştırma Projeleri Destekleme Programı, Acibadem Mehmet Ali Aydınlar University, Turkey, May 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acibadem Mehmet Ali Aydınlar University, Turkey, May 2022

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Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acibadem Mehmet Ali Aydınlar University, Turkey, April 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydınlar University, Turkey, February 2022

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

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

Project Supported by Other Official Institutions, Acibadem Mehmet Ali Aydınlar University, Turkey, November 2021

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

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

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Acibadem Mehmet Ali Aydınlar University, Turkey, September 2021

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Acibadem Mehmet Ali Aydınlar University, Turkey, September 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydınlar University, Turkey, August 2021

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

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

TUBITAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydınlar University, Turkey, July 2020

Scientific Consultations

TÜBİTAK, Project Consultancy, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, Turkey, 2022 - Continues

Tasks In Event Organizations

Hatırnaz Ng Ö., Özbek U., Alanay Y., 2020 Nadir Hastalıklar Günü, Workshop Organization, İstanbul, Turkey, Mart 2020

Hatırnaz Ng Ö., Özbek U., Alanay Y., İSTİSNA Projesi Paydaş Ağı Çalıştayı, Workshop Organization, İstanbul, Turkey, Şubat 2020

Hatırnaz Ng Ö., Özbek U., HIGHLIGHTS OF BERTINORO Predisposition to leukemia and lymphoma, Workshop Organization, İstanbul, Turkey, Ekim 2019

Özbek U., Hatırnaz Ng Ö., Akyerli Boylu C., Ağırbaşı D., Öz Arslan D., Clinical Genomics and NGS Hybrid Course, Scientific Congress, İstanbul, Turkey, Mayıs 2019

Scientific Research / Working Group Memberships

Undiagnosed Disease Network, Acibadem Mehmet Ali Aydınlar University, Turkey, <https://www.udninternational.org/>, 2020 - Continues

Ejprd, Acibadem Mehmet Ali Aydınlar University, Turkey, <https://www.ejprarediseases.org/>, 2018 - Continues

Cost Legend-Wg5, Acibadem Mehmet Ali Aydinlar University, Turkey, <https://www.legend-cost.eu/>, 2019 - 2022

Metrics

Publication: 141

Citation (WoS): 494

Citation (Scopus): 247

H-Index (WoS): 12

H-Index (Scopus): 9

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

Scholarships

Short Term Scientific Mission, European Commission, 2022 - 2022