



Assist. Prof. Dr. FULYA KÜÇÜKCANKURT

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Fulya Küçükçankurt

EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Istanbul University	Genetics (PhD)	2017 - 2022
Master's Degree	Istanbul University	Genetics (MSc.) (with Thesis)	2013 - 2016
Bachelor's Degree	Halic University	Department of Molecular Biology and Genetics	2004 - 2009

RESEARCH AREAS

Genetics, Molecular Genetics, Molecular Hematology

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Assistant Professor	Altinbas University Faculty of Medicine	Department of Medical Biology	2022 -

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
Horizontal Transfer Commission membership	Altinbas University Faculty of Medicine	2024 -
Accreditation Committee Membership	Altinbas University Faculty of Medicine	2023 -

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
European Society of Human Genetics	Membership	2023 -

NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

ARTICLES

Decoding myasthenia gravis: advanced diagnosis with infrared spectroscopy and machine learning

Severcan F, Ozyurt I, Dogan A, Severcan M, Gurbanov R, Kucukcankurt F, Elibol B, Tiftikcioglu I, Gursoy E, Yangin MN, Zorlu Y. Scientific Reports, 2024

International DOI: 10.1038/s41598-024-19316-0.

Theranostic potential of a novel aptamer specifically targeting HER2 in breast cancer cells.

Küçükçankurt F, Uçak S, Altıok N.

Turkish Journal of Biology, 2024

International DOI: 10.55730/1300-0152.2680

ARTICLES

Zinc finger protein 384 (ZNF384) impact on childhood mixed phenotype acute leukemia and B-cell precursor acute lymphoblastic leukemia.

Tugce Sudutan, Yucel Erbilgin, Ozden Hatirnaz Ng, Serap Karaman, Zeynep Karakas, Fulya Kucukcankurt, Gul Nihal Ozdemir, Tiraje Celkan, Cetin Timur, Sadan Hacısalioglu, Sema Aylan Gelen, Müge Sayitoğlu

Leukemia&Lymphoma, 2022

International DOI: 10.1080/10428194.2022.2095630

Prognostic evidence of LEF1 isoforms in childhood acute lymphoblastic leukemia.

Erbilgin, Y., Hatirnaz Ng, O., Can, I., Firtina, S., Kucukcankurt, F., Karaman, S., Karakas, Z., Celkan, T. T., Zengin, E., Aylan Gelen, S., Nihal Ozdemir, G., Yildirmak, Y., Dogru, O., Tansel, T., Khodzhaev, K., Toluk, O., Ozbek, U., & Sayitoglu, M.

International Journal of Laboratory Hematology, 2021

International DOI: 10.1111/ijlh.13513

PTEN and AKT1 variations in childhood T-cell acute lymphoblastic leukemia.

Küçükçankurt, F., Erbilgin, Y., Firtina, S., Ng, Ö. H., Karakaş, Z., Celkan, T., Ünüvar, A., Özbek, U., & Sayitoğlu, M.

Turkish Journal of Hematology, 2020

International DOI: 10.4274/tjh.galenos.2019.2019.0282

AXIN2 VARIATIONS MAY CONTRIBUTE TO INCREASED RISK OF PEDIATRIC T-ALL.

Yücel Erbilgin, Fulya Tozan, Özden Hatirnaz Ng, Zeynep Karakaş, Tülin Tiraje Celkan, Zeynep Yıldız Yıldirmak, Müge Sayitoğlu

Acta Medica Nicomedica, 2022

National

Çocukluk Çağı T-ALL Hastalarında PTEN ve AKT1 Gen Anlatım Düzeyleri

Fulya KÜÇÜKCANKURT, Özden HATIRNAZ NG, Müge SAYITOĞLU, Yücel ERBİLGİN.

Sağlık Bilimlerinde İleri Araştırmalar Dergisi, 2020

National

HER2 Reseptörüne Karşı Geliştirilen DNA Aptamerlerin Meme Kanseri Tedavi Amaçlı Kullanılması.

Fulya KÜÇÜKCANKURT, Nedret ALTIOK

Tıp Fakültesi Klinikleri, 2020

National

PROCEEDINGS

Effects of an Inhibitor of Sonic Hedgehog Signalling on Smoothed Receptor Expression.

S. Yilmazer, O. Kurnaz Gomeksiz, F. Kucukcankurt, D. Gezen-Ak, E. Dursun.

Focus on Microscopy | FOM | 2023 conference, Porto, Portugal,

International

The role of pyridostigmine (Mestinon®) treatment in myasthenia gravis disease: an infrared spectroscopic study by using human serum.

Ceren Celik, Fulya Kucukcankurt, Ayca Dogan, Rafig Gurbanov, Esra Basar Gursoy, Bedile Irem Tiftikcioglu, Feride Severcan.

4th International Biophysics Congress, 2022, Adiyaman, Turkiye,

International

Prognostic evidence of LEF1 isoforms in childhood acute lymphoblastic leukemia.

Yucel Erbilgin, Ozden Hatirnaz Ng, Sinem Firtina, Fulya Kucukcankurt, Zeynep Karakas, Tiraje Celkan, Sema Aylan Gelen, Khusan Khodzhaev, Müge Sayitoglu.

European Society of Human Genetics Conference, 2021,

International

PTEN and AKT1 GENE VARIATIONS IN CHILDHOOD T-ALL PATIENTS

Kucukcankurt F, Hatirnaz Ng O, Erbilgin Y, Ozbek U, Karakaş Z, Çelkan T, Sayitoglu M

6th International Congress on Leukemia Lymphoma Myeloma, 2016, Antalya, Turkey,

International

PROCEEDINGS

Differential Binding of a Novel HER2 Targeted Aptamer in Breast Cancer Cells.

Nedret Altıok, Fulya Kucukcankurt, Veli Cengiz Ozalp

Aptamers in Bordeaux, Bordeaux, France,

International

Molecular markers and prognostic significance in childhood biphenotypic acute leukemia patients.

Fulya Küçükçankurt, Yücel Erbilgin, Tuğçe Sudutan, Zeynep Karakas, Serap Karaman, Gül Nihal Özdemir, Çetin Timur, Tiraje Celkan, Müge Sayitoğlu.

48th National Hematology Congress, 2023, Antalya, Turkey,

National

PROJECTS

Statin Grubu İlaçların Meme Kanseri Tiplerinin Tedavisinde Mevalonat Yolağındaki Hedeflerinin Araştırılması (Executive)

BAP, 24.01.2024 -

National Continues

İn vitro Alzheimer modelinde Apilarnil'in Koruyucu etkisinin araştırılması (Researcher)

BAP, 24.01.2024 -

National Continues

Apilarnil'in Sitokinler Üzerindeki Etkisi: FMF'li Hastalarda İnflamatuvar Süreçlerin İzlenmesi (Researcher)

BAP, 24.01.2024 -

National Continues

Bifenotipik Akut Lösemi Hastalarının Genetik Karakterizasyonu (Researcher)

Other Official Institutions and Organizations, 24.11.2022 -

National Continues

Farklı Cinsiyetlerde Yüksek Yağ ve Yüksek Karbonhidrat İçerikli Diyetlerin Fare Karaciğer Dokusu Yapı ve Fonksiyonu Üzerindeki Etkileri. (Scholar)

Tübitak 3501, 24.03.2020 -

National Completed

SHH Yolağı İnhibisyonunun Nörodejenerasyon ile İlişkisinin Araştırılması (Researcher)

BAP, 24.03.2018 -

National Completed

Hedefe Yönelik Aptamer-İlaç Konjugatı: Kanser Tedavisinde Hücre İçine Selektif İlaç Taşınması ve Dual İnhibitör Etki. (Scholar)

Tübitak 1001, 24.11.2017 -

National Completed

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	MED200-C6	INTRODUCTION TO CLINICAL SCIENCES COMMITTEE VI
Bachelor's Degree	MED200-C4	CENTRAL NERVOUS SYSTEM COMMITTEE IV
Bachelor's Degree	MED200-C5	ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE V
Bachelor's Degree	MED300-C5	UROGENITAL SYSTEM DISEASES COMMITTEE - V
Bachelor's Degree	MED300-C6	GASTROINTESTINAL SYSTEM AND DISEASES COMMITTEE - VI
Bachelor's Degree	MED300-C7	NEUROLOGICAL SCIENCES, PSYCHIATRY AND MUSCULOSKELETAL SYSTEM COMMITTEE - VII

COURSES

Bachelor's Degree	MED300-C8	PUBLIC HEALTH, FORENSIC MEDICINE, DEONTOLOGY, BIOSTATISTICS COMMITTEE - VIII
Bachelor's Degree	MED150-C1	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE I
Bachelor's Degree	MED150-C2	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE II
Bachelor's Degree	MED300-C1	INFECTIOUS DISEASES COMMITTEE - I

PERSONAL INFORMATION

CONTACT INFORMATION

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