

# **MD Murat KAYA**

## **Personal Information**

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## **International Researcher IDs**

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## **Education Information**

Doctorate, Istanbul University, Deneysel Tıp Araştırma Enstitüsü, Genetik A.D., Turkey 2013 - 2018

## **Dissertations**

Postgraduate, Radyoaktif iyot verilen tiroid kanserli hastalıklarda kardeş kromatid değişimi ve mikronukleus yöntemleriyle genotoksisitenin araştırılması, Istanbul University, Istanbul Medical Faculty, Genetik A.D., 2013

## **Research Areas**

Medicine, Health Sciences, Internal Medicine Sciences, Medical Genetics

## **Academic Titles / Tasks**

Researcher, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2006 - Continues

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **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)
- II. **The effect of Anzer honey on X-ray induced genotoxicity in human lymphocytes: An in vitro study**  
Bagatir G., Kaya M., Suer İ., Çefle K., Palanduz A., Palanduz Ş., Becerir H. B., Koçyiğit Avcı M., Öztürk Ş.  
MICROSCOPY RESEARCH AND TECHNIQUE, vol.85, no.6, pp.2241-2250, 2022 (SCI-Expanded)
- III. **CASC11 promotes aggressiveness of prostate cancer cells through miR-145/IGF1R axis**  
Capik O., Sanli F., Kurt A., Ceylan O., Suer İ., Kaya M., Ittmann M., Karataş Ö. F.  
PROSTATE CANCER AND PROSTATIC DISEASES, vol.24, no.3, pp.891-902, 2021 (SCI-Expanded)
- IV. **Potential therapeutic road for targeting the SARS-CoV-2 at throat**  
Kaya M., Abuasha A. M., Serakinci N., Ozturk S.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.122, no.3, pp.206-211, 2021 (SCI-Expanded)
- V. **Evaluation of micronuclear frequencies in both circulating lymphocytes and buccal epithelial cells of patients with oral lichen planus and oral lichenoid contact reactions**  
Saruhanoglu A., Ergun S., Kaya M. O., Warnakulasuriya S., Erbagci M., Öztürk S., Deniz E., Ozel S., Cefle K., Palanduz S.,

et al.

ORAL DISEASES, vol.20, no.5, pp.521-527, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Turmeric Inhibits MDA-MB-231 Cancer Cell Proliferation, Altering miR-638-5p and Its Potential Targets.**  
Kaya M., Abuaisha A., Suer İ., Emiroglu S., Abanoz F., Palanduz S., Cefle K., Ozturk Ş.  
European journal of breast health, vol.20, no.2, pp.102-109, 2024 (ESCI)
- II. **A Bioinformatics Approach to Male Infertility, MicroRNAs, and Targeted Genes**  
KAYA M.  
Ahi Evran Medical Journal, vol.7, no.3, pp.296-303, 2023 (Peer-Reviewed Journal)
- III. **A Bioinformatics Analysis of circRNA/miRNA/mRNA Interactions in Acute Myeloid Leukemia**  
ERDOĞAN C., Kaya M., SUER İ.  
Experimed, vol.13, no.1, pp.45-53, 2023 (Peer-Reviewed Journal)
- IV. **Is the AURKB Gene Involved in Aml Cell Proliferation Since It is Targeted by miR-34a-5p and let-7b-5p?**  
Suer İ., Kaya M.  
KONURALP TIP DERGİSİ, vol.15, no.1, pp.16-23, 2023 (ESCI)
- V. **THE EFFECT OF miR-34a-5p ON OVEREXPRESSED AML ASSOCIATED GENES MiR-34a-5p'NİN AŞIRI İFADE EDİLEN AML İLİŞKİLİ GENLER ÜZERİNDEKİ ETKİSİ**  
Kaya M., Suer İ.  
İstanbul Tip Fakultesi Dergisi, vol.86, no.1, pp.59-68, 2023 (Scopus)
- VI. **The Effect of miR-34a-5p and miR-145-5p Ectopic Expression on Cell Proliferation and Target Gene Expression in the MDA-MB-231 Cell Line**  
SUER İ., KAYA M., ÖZGÜR E.  
Namık Kemal Tip Dergisi, vol.9, no.2, pp.166-173, 2021 (Peer-Reviewed Journal)
- VII. **The Relationship Between Larynx Cancer and MicroRNAs**  
KAYA M., KARATAŞ Ö. F.  
Van Tip Dergisi, vol.27, no.4, pp.535-541, 2020 (Peer-Reviewed Journal)
- VIII. **De novo t(1;6)(p13p21.3) Dengeli Resiprokal Translokasyonun İnfertilite ile İlişkisi**  
Kaya M., Bağatır Ozan G., Çefle K., Öztürk Ş., Palanduz Ş.  
Sağlık bilimlerinde değer (Online), vol.10, no.1, pp.108-110, 2020 (Peer-Reviewed Journal)
- IX. **Case Report: a novel chromosomal insertion, 46, XY, inv ins(18;2)(q11.2;q13q22), in a patient with infertility and mild intellectual disability.**  
Kaya M., Suer İ., Öztürk Ş., ÇEFLE K., Karaman B., Palanduz Ş.  
F1000Research, vol.8, pp.281, 2019 (Scopus)
- X. **Investigation of the Effect of Decitabine on Hep-2 Cell Line at Chromosomal Level**  
Kaya M., SUER İ.  
International Journal of Scientific and Technological Research, vol.5, no.4, pp.98-107, 2019 (Peer-Reviewed Journal)
- XI. **Association of pericentric inv(12)(p11.2q14) with infertility and recurrent miscarriages: Case report and literature review Perisentrik inv(12)(p11.2q14)'nin infertilite ve tekrarlayan düşüklerle ilişkisi: vaka örneği ve literatür taraması**  
Kaya M., Karataş Ö. F.  
Duzce Medical Journal, vol.21, no.2, pp.132-135, 2019 (Scopus)

## Books & Book Chapters

- I. Kaya M.  
in: Prof. Dr. Şükrü ÖZTÜRK, Prof. Dr. Kivanç ÇEFLE, Editor, EMA Tıp Kitap Evi, İstanbul, pp.281-306, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **Autosomal Anomalies in Infertile Patients**  
Gürçan M., Ergül R. B., Aydin R., Kaya M., Kalayci T., Dursun M., Kadioğlu A.  
Türk Üroloji Derneği Sempozyumu, Antalya, Turkey, 16 - 19 March 2023, pp.146-148
- II. **The Phenotypic Effect of X;Autosome Balanced Chromosomal Translocations: A Case with Premature Ovarian Failure and Familial t(X;9)(q22;q34)**  
Abuaisha A., Kaya M., SUER İ., ÇEFLE K., PALANDUZ Ş., ÖZTÜRK Ş.  
7. Uluslararası Erciyes Tıp Tibbi Genetik Kongresi, İstanbul, Turkey, 26 - 28 May 2022, vol.1, pp.42-43
- III. **miR-16-5p/CCNE1 Relation in AML Cells**  
Teomete Ş., Kaya M., Suer İ., Çefle K., Palanduz Ş., Öztürk Ş.  
VIII. INSAC International Congress on Health Sciences (ICHES-2022), Konya, Turkey, 18 - 20 March 2022, pp.116-122
- IV. **A RARE CASE OF MUCINOUS CARCINOMA OF THE BREAST IN A 30-YEAR-OLD FEMALE**  
Emiroğlu S., Abuaisha A., Tükenmez M., Kaya M., Suer İ., Bayram A., Öztürk Ş.  
4th International Congress on Medical Sciences and Multidisciplinary Approaches, 26 March - 28 August 2022, pp.302-308
- V. **RELATIONSHIP BETWEEN MIR-7-5P AND SKP2 GENE IN HL60 AND NB4 CELLS**  
Mehteroğlu E., Suer İ., Kaya M., Palanduz Ş.  
INTERNATIONAL CONGRESS OF MULTIDISCIPLINARY STUDIES IN HEALTH SCIENCES, Erzurum, Turkey, 18 - 19 February 2022, pp.264-270
- VI. **miR-638-5P/PGK1 Gene Interaction in HL60 and NB4 Cells**  
Özbakış S., Suer İ., Kaya M., Öztürk Ş.  
9th International Medicine and Health Sciences Researches Congress, Ankara, Turkey, 18 - 19 March 2022, pp.505-510
- VII. **Bioinformatic analysis of differentially expressed circRNAs and miRNAs in AML**  
Suer İ., Kaya M., Erdoğan C.  
The 13th International Scientific Research Congress, Ankara, Turkey, 11 - 12 March 2022, vol.1, no.1, pp.369-376
- VIII. **Steroide duyarlı kronik anemisi ve osteosklerozu olan erişkin olguda moleküler tanının klinik izleme etkisi**  
Sharifi S., Kalayci T., Kaya M., Suer İ., Öztürk Ş., Çefle K., Yenerel M. N., Palanduz Ş.  
14. Ulusal Tibbi Genetik Kongresi (Uluslararası katılımlı), İstanbul, Turkey, 20 - 23 November 2020, pp.37
- IX. **46,XX,t(8;9)(q12;q12) translokasyon taşıyıcısı tekrarlayan gebelik kayıp öykülü olgu sunumu**  
Suer İ., Kaya M., Sharifi S., Kalayci T., Öztürk Ş., Çefle K., Palanduz Ş.  
14. Ulusal Tibbi Genetik Kongresi (Uluslararası katılımlı), İstanbul, Turkey, 20 November - 22 December 2020, pp.89
- X. **Investigation of miR-145 target genes in multiple myeloma cell lines**  
Kaya M., SUER İ., KARATAŞ Ö. F., ÖZGÜR E., GEZER U., ÇEFLE K., ÖZTÜRK Ş., PALANDUZ Ş.  
V. International Participated Erciyes Medical Genetics Days Congress, Nevşehir, Turkey, 20 - 22 February 2020, vol.2584, pp.37
- XI. **Investigation of miR-34a target genes in multiple myeloma cell lines**  
Suer İ., Kaya M., Karataş Ö. F., Özgür E., Gezer U., Çefle K., Öztürk Ş., Palanduz Ş.  
VII. International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 07 September 2019, pp.141
- XII. **Larenks Kanseri Primer Hücre Kultüründe Oluşturulan Küre (Sphere)'lerde Oct4 ve Klf4 Ekspresyon Analizi**  
Suer İ., Karataş Ö. F., Kaya M., Öztürk Ş.  
7. Kök Hücre Sempozyumu, İstanbul, Turkey, 11 May 2018, pp.7-10

- XIII. Akut Myeloid Lösemi ve 3q Kromozomal Yeniden Düzenlenmeleri**  
 Bağatır Ozan G., Kaya M., Dön B., Suer İ., Nalçacı M., Yenerel M. N., Çefle K., Uçur A., Bayrak A. G., Öztürk Ş., et al.  
 3.Uluslararası Biyolojik Bilimler Kongresi (UBBK), Eskişehir, Turkey, 3 - 05 May 2018, pp.35
- XIV. A Novel Insertional Translocation in a Patient with Infertility and Undiagnosed Mild Intellectual Disability**  
 Suer İ., Kaya M., Bagatır Ozan G., Karaman B., Çefle K., Öztürk Ş., Palanduz Ş.  
 Erciyes Medical Genetics Days, Kayseri, Turkey, 7 - 10 March 2018, pp.32
- XV. idic(Y)(q11.2) ABNORMALITY IN CASES WITH MIXT GONADAL DYSgenesis AND INFERTILITY**  
 Kaya M., Suer İ., Kalaycı T., Karaman B., Dön B., Bağatır Ozan G., Uçur A., Öztan G., Bayrak A. G., Çefle K., et al.  
 Erciyes Medical Genetics Days, Kayseri, Turkey, 7 - 10 March 2018, pp.16

## Other Publications

- I. Case Report: a novel chromosomal insertion, 46, XY, inv ins(18;2)(q11.2;q13q22), in a patient with infertility and mild intellectual disability**  
 Kaya M., Suer İ., Öztürk Ş., Çefle K., Karaman B., Palanduz Ş.  
 Other, pp.1-12, 2019

## Supported Projects

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 - Continues  
 ÖZTÜRK Ş., KAYA M., KAŞITOĞLU T. N., Project Supported by Higher Education Institutions, Let-7b-5p ve Let-7b-3p miRNA'larının HL-60ve NB4 Akut Myeloid Lösemi Hücre Hatlarında Fonksiyonel Etkilerinin ve Hedef Genlerinin Araştırılması, 2020 - Continues  
 ÖZTÜRK Ş., TEOMETE Ş., KAYA M., Project Supported by Higher Education Institutions, Akut Myeloid Lösemi Hücre Hatlarında miR-15a-5p ve miR-16-5p'nin Fonksiyonel Etkilerinin ve miRNA Hedef Gen İlişkisinin İncelenmesi, 2020 - Continues  
 ÇEFLE K., ÖZTÜRK Ş., SUER İ., KAYA M., KARATAŞ Ö. F., Project Supported by Higher Education Institutions, Multiple Myeloma'da miR-145 ve Hedef Genlerinin Fonksiyonel Olarak Araştırılması, 2018 - 2020  
 Çefle K., Suer İ., Öztürk Ş., Kaya M., Karataş Ö. F., Project Supported by Higher Education Institutions, Multiple Myeloma'da miR-145 ve Hedef Genlerinin Fonksiyonel Olarak Araştırılması, 2018 - 2020

## Scientific Refereeing

HEAD AND NECK, SCI Journal, April 2023  
 THE EUROPEAN RESEARCH JOURNAL, National Scientific Refreed Journal, June 2022  
 Ahi Evran Medical Journal, National Scientific Refreed Journal, March 2022  
 THE EUROPEAN RESEARCH JOURNAL, National Scientific Refreed Journal, September 2021

## Metrics

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