

## Asst. Prof. NİHAL İNANDIKLIOĞLU

### Personal Information

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### Education Information

Doctorate, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (Dr), Turkey 2010 - 2014

Postgraduate, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), Turkey 2007 - 2010

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2004 - 2006

### Dissertations

Doctorate, Akut lenfoblastik lösemili çocuklarda VEGF-A, MMP-2, MMP-9, TIMP-1 ve TIMP-2 genlerinin ekspresyon ve metilasyon düzeylerindeki değişikliklerin incelenmesi, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (Dr), 2014

Postgraduate, Nöroblastoma hastalarında kromozom düzensizlikleri, MYCN ve AURKA gen değişikliklerinin incelenmesi, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), 2010

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology

### Academic and Administrative Experience

Yozgat Bozok University, 2017 - 2019

### Courses

TIBBİ BİYOLOJİ, Undergraduate, 2016 - 2017, 2017 - 2018, 2019 - 2020

TIBBİ BİYOLOJİ VE GENETİK, Undergraduate, 2018 - 2019, 2019 - 2020

Tıbbi Genetik, Undergraduate, 2016 - 2017, 2017 - 2018

Moleküler Biyoloji ve Genetikte Çalışma Yöntemleri, Undergraduate, 2016 - 2017

Moleküler Biyoloji Seminerleri, Undergraduate, 2016 - 2017

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Nephroprotective effect of apilarnil in lipopolysaccharide-induced sepsis through TLR4/NF-κB signaling pathway.**  
İNANDIKLIOĞLU N., DOĞANYİĞİT Z., Okan A., KAYMAK E., SİLİCİ S.  
Life sciences, vol.284, pp.119875, 2021 (Journal Indexed in SCI)
- II. **Telomere Length and Oxidative Stress in Patients with ST-Segment Elevation and Non-ST-Segment**

**Elevation Myocardial Infarction.**

Inandiklioğlu N., Demir V., Ercan M.

Advances in experimental medicine and biology, 2021 (Journal Indexed in SCI Expanded)

- III. **Circulating Myonectin and Irisin Levels in Gestational Diabetes Mellitus - A Case-control Study**  
ONAT T., İNANDIKLIOĞLU N.  
ZEITSCHRIFT FÜR GEBURTSHILFE UND NEONATOLOGIE, 2021 (Journal Indexed in SCI)
- IV. **Telomere Length in Idiopathic Recurrent Pregnancy Loss**  
ONAT T., DEMİR ÇALTEKİN M., İNANDIKLIOĞLU N., BAŞER E., AYDOĞAN KIRMIZI D., Kara M., Ercan F., YALVAÇ E. S.  
ZEITSCHRIFT FÜR GEBURTSHILFE UND NEONATOLOGIE, 2021 (Journal Indexed in SCI)
- V. **Relationship of serum calprotectin, angiopoietin-1, and angiopoietin-2 levels with coronary collateral circulation in patients with stable coronary artery disease**  
Demir V., Ede H., Ercan M., TURAN Y., HİDAYET Ş., İNANDIKLIOĞLU N., Erbay A. R.  
KARDIOLOGIA POLSKA, vol.77, no.12, pp.1155-1162, 2019 (Journal Indexed in SCI)
- VI. **REPORT OF A NEW CASE WITH PENTASOMY X AND NOVEL CLINICAL FINDINGS**  
DEMİRHAN O., TANRIVERDİ N., YILMAZ M. B. , KOCATÜRK SEL S., İNANDIKLIOĞLU N., Luleyap U., Akbal E., CÖMERTPAY G., Tufan T., Dur O.  
BALKAN JOURNAL OF MEDICAL GENETICS, vol.18, no.1, pp.85-92, 2015 (Journal Indexed in SCI)
- VII. **Frequency and Types of Chromosomal Abnormalities in Turkish Women with Amenorrhea**  
DEMİRHAN O., TANRIVERDİ N., Tunc E., Inandikioglu N., Suleymanova D.  
JOURNAL OF PEDIATRIC AND ADOLESCENT GYNECOLOGY, vol.27, no.5, pp.274-277, 2014 (Journal Indexed in SCI)
- VIII. **The Role Of Glucocorticoid Receptor Gene (nr3c1 Gene) Polymorphism On Relapsing Of Idiopathic Nephrotic Syndrome In Children.**  
Dur O., Anarat A., DEMİRHAN O., İNANDIKLIOĞLU N., KARABAY BAYAZIT A.  
PEDIATRIC NEPHROLOGY, vol.29, no.9, pp.1730-1731, 2014 (Journal Indexed in SCI)
- IX. **High prevalence of immunoglobulin light chain gene aberrations as revealed by FISH in multiple myeloma and MGUS**  
Tuerkmen S., Binder A., Gerlach A., Niehage S., Theodora Melissari M., İNANDIKLIOĞLU N., Doerken B., Burmeister T.  
GENES CHROMOSOMES & CANCER, vol.53, no.8, pp.650-656, 2014 (Journal Indexed in SCI)
- X. **Genetic alterations of chromosomes, p53 and p16 genes in low- and high-grade bladder cancer**  
Abat D., DEMİRHAN O., İNANDIKLIOĞLU N., Tunc E., ERDOĞAN Ş., Tastemir D., USLU İ. N. , Tansug Z.  
ONCOLOGY LETTERS, vol.8, no.1, pp.25-32, 2014 (Journal Indexed in SCI)
- XI. **Polychlorinated biphenyls and organochlorine pesticides in amniotic fluids of pregnant women in south-central Turkey**  
DAĞLIOĞLU N., AKÇAN R., Efeoglu P., İNANDIKLIOĞLU N., GÜLMEN M. K. , DEMİRHAN O.  
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.95, no.6, pp.954-961, 2013 (Journal Indexed in SCI)
- XII. **Mesenchymal Stem Cell: Does it Work in an Experimental Model with Acute Respiratory Distress Syndrome?**  
Yilmaz S., İNANDIKLIOĞLU N., Yildizdas D., Subasi C., AÇIKALIN A., KUYUCU Y., BAYRAM İ., Topak A., Tanyeli A., DURUKSU G., et al.  
STEM CELL REVIEWS AND REPORTS, vol.9, no.1, pp.80-92, 2013 (Journal Indexed in SCI)
- XIII. **Behavior of Sphingosine 1-Phosphate Receptor Gene Expression in Patients with Neuroblastoma**  
Yilmaz S., Acipayam C., Erbey F., SEZGİN G., BAYRAM İ., Tuccar Y., İNANDIKLIOĞLU N., Tanyeli A.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.23, no.2, pp.88-96, 2013 (Journal Indexed in SCI)
- XIV. **Chromosome Imbalances and Alterations in the p53 Gene in Uterine Myomas from the Same Family Members: Familial Leiomyomatosis in Turkey**  
Hakverdi S., DEMİRHAN O., Tunc E., İNANDIKLIOĞLU N., USLU İ. N. , Gungoren A., Erdem D., Hakverdi A. U.  
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.14, no.2, pp.651-658, 2013 (Journal Indexed in SCI)
- XV. **International Evaluation of Unrecognizably Uglifying Human Faces in Late and Severe Secondary Hyperparathyroidism in Chronic Kidney Disease. Sagliker Syndrome. A Unique Catastrophic Entity, Cytogenetic Studies for Chromosomal Abnormalities, Calcium-Sensing Receptor Gene and GNAS1**

**Mutations. Striking and Promising Missense Mutations on the GNAS1 Gene Exons 1, 4, 10, 4**

Yildiz I., Sagliker Y., Demirhan O., Tunc E., İNANDIKLIOĞLU N., Tasdemir D., Acharya V., Zhang L., Golea O., Sabry A., et al.

JOURNAL OF RENAL NUTRITION, vol.22, no.1, pp.157-161, 2012 (Journal Indexed in SCI)

- XVI. **Chromosome imbalances and alterations of AURKA and MYCN genes in children with neuroblastoma.**  
Inandiklioğlu N., Yılmaz S., Demirhan O., Erdoğan S., Tanyeli A.  
Asian Pacific journal of cancer prevention : APJCP, vol.13, pp.5391-7, 2012 (Journal Indexed in SCI Expanded)
- XVII. **RAPID DETECTION OF FETAL ANEUPLOIDIES BY QUANTITATIVE FLUORESCENT-POLYMERASE CHAIN REACTION FOR PRENATAL DIAGNOSIS IN THE TURKISH POPULATION**  
GÜZEL A. İ. , YILMAZ M., DEMİRHAN O., PAZARBAŞI A., KOCATÜRK SEL S., Erkoç M. A. , İNANDIKLIOĞLU N., ÖZGÜNEN F. T. , Sariturk C.  
BALKAN JOURNAL OF MEDICAL GENETICS, vol.15, no.1, pp.11-17, 2012 (Journal Indexed in SCI)
- XVIII. **The genotoxic effect of nicotine on chromosomes of human fetal cells: The first report described as an important study**  
DEMİRHAN O., Demir C., Tunc E., İNANDIKLIOĞLU N., Sutcu E., Sadikoglu N., Ozcan B.  
INHALATION TOXICOLOGY, vol.23, no.13, pp.829-834, 2011 (Journal Indexed in SCI)
- XIX. **The Reliability of Maternal Serum Triple Test in Prenatal Diagnosis of Fetal Chromosomal Abnormalities of Pregnant Turkish Women**  
DEMİRHAN O., PAZARBAŞI A., GÜZEL A. İ. , Tastemir D., YILMAZ M. B. , Kasap M., Ozgunen F. T. , Evruke C., Demir C., Tunc E., et al.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.15, no.10, pp.701-707, 2011 (Journal Indexed in SCI)
- XX. **MTHFR gene polymorphisms in bladder cancer in the Turkish population.**  
Izmirli M., Inandiklioglu N., Abat D., Alptekin D., Demirhan O., Tansug Z., Bayazit Y.  
Asian Pacific journal of cancer prevention : APJCP, vol.12, pp.1833-5, 2011 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Endocan and Asymmetric Dimethylarginine as an Etiological Indicator in the Maternal and Umbilical Cord Serum in Pre-Eclampsia**  
İNANDIKLIOĞLU N., BAŞER E., AYDOĞAN KIRMIZI D.  
HASEKI TIP BULTENİ-MEDICAL BULLETIN OF HASEKI, vol.59, no.4, pp.308-312, 2021 (Journal Indexed in ESCI)
- II. **Association between rs1421085 and rs9939609 Polymorphisms of Fat Mass and Obesity-Associated Gene with High-Density Lipoprotein Cholesterol and Triglyceride in Obese Turkish Children and Adolescents**  
Inandiklioğlu N., Yasar A.  
JOURNAL OF PEDIATRIC GENETICS, vol.10, no.1, pp.9-15, 2021 (Journal Indexed in ESCI)
- III. **Changes in the expression and methylation levels of the MMP-2, MMP-9, TIMP-1, TIMP-2 and VEGF-A genes in children with acute lymphoblastic leukemia**  
Inandiklioglu N., DEMİRHAN O., Bayram I., Tanyeli A.  
ÇUKUROVA MEDICAL JOURNAL, vol.46, no.2, pp.825-833, 2021 (Journal Indexed in ESCI)
- IV. **The Role of IL-1β and IL-6 in Epilepsy Disease**  
GÜLERYÜZ N. N. , ŞAHİN S., İNANDIKLIOĞLU N.  
bozok medical journal, vol.10, no.2, pp.224-229, 2020 (Other Refereed National Journals)
- V. **Plasma expression and methylation levels of vascular endothelial growth factor (VEGF-C) and basic fibroblast growth factor (bFGF) in children with acute lymphoblastic leukemia in Çukurova Region, Turkey**  
İNANDIKLIOĞLU N., DEMİRHAN O., BAYRAM İ., TANYELİ A.  
Cukurova Medical Journal, vol.45, no.2, pp.581-587, 2020 (Refereed Journals of Other Institutions)
- VI. **Investigation of clinical and genetic factors in patients with deep vein thrombosis. A retrospective study**

İNANDIKLIOĞLU N., UZUN H. A. , ÇİÇEKÇİOĞLU F.

ACTA ANGIOLOGICA, vol.26, no.3, pp.96-101, 2020 (Journal Indexed in ESCI)

VII. **TÜRKİYE'DE İÇ ANADOLU BÖLGESİ'NDE D VİTAMİNİDÜZEYİ İLE SOSYO-EKONOMİK VE EĞİTİMFAKTÖRLERİ ARASINDA BİR İLİŞKİ VAR MIDIR?**

BALBALOĞLU Ö., İNANDIKLIOĞLU N.

BOZOK TIP DERGİSİ, vol.8, no.4, pp.139-143, 2018 (Other Refereed National Journals)

VIII. **Pankreas Hastalıkları ve Genetik**

İNANDIKLIOĞLU N., ATASEVEN H.

Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.10, no.3, pp.140-45, 2017 (Other Refereed National Journals)

IX. **Applications of Fluorescence in Situ Hybridization (FISH) for Detecting Genetic Changes in Hematological Malignancies**

TAŞTEMİR KORKMAZ D., DEMİRHAN O., GÜRKAN E., tunç e., İNANDIKLIOĞLU N.

Journal of Cancer Therapy, vol.2, no.2, pp.125-134, 2011 (Refereed Journals of Other Institutions)

X. **Amniyosentez ile Tanı Konulan 4707 Olgunun Sitogenetik Bulgularının Değerlendirilmesi**

PAZARBAŞI A., DEMİRHAN O., TAŞTEMİR KORKMAZ D., tunç e., özgünen f. t. , ALPTEKİN D., EVRÜKE İ. C. , DEMİR S. C. , kasap m., karakan karakaş z., et al.

CUKUROVA MEDICAL JOURNAL, vol.36, pp.8-14, 2011 (Refereed Journals of Other Institutions)

## Books & Book Chapters

I. **Tümörlerde Karyotipik Değişiklikler**

İNANDIKLIOĞLU N.

in: Her Yönüyle Kanser, Hilmi Ataseven, Koray Sayın, Editor, Sivas Cumhuriyet Üniversitesi Rektörlük Matbaası, Sivas, pp.247-260, 2020

II. **Immune Responses to SARS-CoV, MERS-CoV and SARS-CoV-2**

İNANDIKLIOĞLU N., AKKOÇ T.

in: Advances in Experimental Medicine and Biology Cell Biology and Translational Medicine, Kursad Turksen, Editor, Springer Nature Switzerland AG, Cham, pp.5-12, 2020

III. **GENETİK**

İnandıklioğlu N.

in: GEBELİKTE RİSKLİ DURUMLAR VE YAKLAŞIMLAR, Prof. Dr. Ethem Serdar YALVAÇ, Prof. Dr. Mustafa KARA, Editor, NOBEL TIP KİTAPEVLERİ, İstanbul, pp.81-92, 2019

## Refereed Congress / Symposium Publications in Proceedings

I. **TELOMERE LENGTH AND CARDIOVASCULAR DISEASES**

İnandıklioğlu N.

23rd International Conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants, Paris, France, 13 - 15 October 2021, pp.49

II. **Anticancer Activity And hTERT Gene Expression Analysis In SH-SY5Y Neuroblastoma Cell Lines Applied To Docetaxel**

İnandıklioğlu N., Taş A., Ağbekaş T., Tunçbilek Z., Siliğ Y.

2. Uluslararası Kanser Günleri, Sivas, Turkey, 16 - 18 September 2021, pp.289

III. **EXPRESSION AND METHYLATION LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF-C) AND BASIC FIBROBLAST GROWTH FACTORS (BFGF) IN CHILDHOOD ACUTE LYMPHOBLASTIC LEUKEMIA**

İNANDIKLIOĞLU N., DEMİRHAN O., BAYRAM İ., Tanyeli A.

8th International Eurasian Hematology Oncology Congress (EHOC), İstanbul, Turkey, 18 - 21 October 2017, vol.61

IV. **Mesenchymal Stem Cell: Does it Work in an Experimental Model with Acute Respiratory Distress**

## **Syndrome?**

Yilmaz S., İNANDIKLIOĞLU N., Yildizdas D., Subasi C., Acikalin A., KUYUCU Y., Bayram I., Topak A., Tanyeli A., DURUKSU G., et al.

42nd Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, Valencia, Spain, 3 - 06 April 2016, vol.51

V. **WHOLE 13 EXONS OF GNAS1 GENE IN SAGLIKER SYNDROME(SS). COMBINATION-COMPULSION OF BONE DYSPLASIAS-HEREDITARY OSTEODISTROPHIES(BD), CHRONIC KIDNEY DISEASES (CKD) AND SECONDARY HYPERPARATHYROIDISM(SH)**

DEMİRHAN O., Sagliker Y., Akbal E., Paylar N., Sagliker H. S. , Ozkaynak P. S. , YILDIZ İ., İNANDIKLIOĞLU N., Tunc E., BALAL M., et al.

52nd Congress of the European-Renal-Association-European-Dialysis-and-Transplant-Association, London, Canada, 28 - 31 May 2015, vol.30

VI. **THE INVESTIGATION OF VEGF-A, MMP-2, MMP-9, TIMP-1, TIMP-2 GENES EXPRESSION ALTERATIONS AND METHYLATION LEVELS IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA**

İNANDIKLIOĞLU N., DEMİRHAN O., BAYRAM İ., Kasap M., YILMAZ Ş., Tanyeli A.

5th International Eurasian Hematology Congress, Antalya, Turkey, 15 - 19 October 2014, vol.38

VII. **THE WHOLE 13 EXONS OF GNAS1 GENE AND THE GENES FOR HEREDITARY OSTEODISTROPHIAS(HO) IN SAGLIKER SYNDROME(SS). COMBINATION-COMPULSION OF HEREDITARY OSTEODISTROPHIAS AND CHRONIC KIDNEY DISEASES (CKD) ?**

Sagliker Y., DEMİRHAN O., YILDIZ İ., Paylar N., İNANDIKLIOĞLU N., Akbal E., Tunc E.

51st Congress of the European-Renal-Association(ERA)/European-Dialysis-and-Transplant-Association (EDTA), Amsterdam, Netherlands, 31 May - 03 June 2014, vol.29, pp.381

VIII. **STRIKING AND PROMISING MIS-SENSE MUTATIONS ON THE GNAS1 GENE EXONS' 1,4,10 AND 4 IN SAGLIKER SYNDROME (SS). A UNIQUE CATASTROPHIC ENTITY. CYTOGENETIC STUDIES FOR CHROMOSOMAL ABNORMALITIES, CASR GENES AND GNAS 1 MUTATIONS. INTERNATIONAL EVALUATION OF UNRECOGNIZABLY UGLYFYING HUMAN FACES IN LATE AND SEVERE SH IN CKD**

Yildiz I., Sagliker Y., DEMİRHAN O., Tunc E., İNANDIKLIOĞLU N., Tasdemir D., Acharya V., Zhang L., Golea O., Sabry A., et al.

49th Congress of the European-Renal-Association/European-Dialysis-and-Transplant-Association (ERA-EDTA), Paris, France, 24 - 27 May 2012, vol.27, pp.157-158

IX. **Applications of Fluorescence In Situ Hybridization (FISH) For Detecting Genetic Changes In Hematological Malignancies.**

Taştemir Korkmaz D., Demirhan O., Gürkan E., Tunç E., İnanıklioğlu N.

the 9th National Medical Genetics Congress, İstanbul, Turkey, 1 - 05 December 2010, vol.78, no.1, pp.69

X. **Doğum öncesi tanıda kantitatif floresan PCR (QF-PCR) ile fetal anöploidilerin hızlı tayini.**

Güzel A. İ. , Pazarbaşı A., Demirhan O., Yılmaz M. B. , Kocatürk Sel S., İnanıklioğlu N., Özgünen F. T. , Sarıtürk Ç.

XI. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2009, pp.95

## **Supported Projects**

İNANDIKLIOĞLU N., DEMİRTAŞ M., ÇELİK Y., DEMİR V., Project Supported by Higher Education Institutions, Non-Obstrüktif Koroner Arterlerle Birlikte Miyokard İnfarktüsü (MINOCA) Olan Olgularda Telomer Uzunluğunun Araştırılması, 2019 - Continues

İNANDIKLIOĞLU N., Project Supported by Higher Education Institutions, Apılarnilin rat intraperitoneal sepsis modelinde böbrek hasarı üzerine olan etkisini IL-1, IL-6, NF-?B, TNF-? ve TLR-4 genlerinin ekspresyon düzeyleri ile araştırılması, 2019 - 2021

İNANDIKLIOĞLU N., Project Supported by Higher Education Institutions, St Segment Elevasyonlu ve St Segment Depresyonlu Miyokard İnfarktüsülü Hastalarda Telomer Uzunluklarının Araştırılması, 2017 - 2021

İNANDIKLIOĞLU N., Project Supported by Higher Education Institutions, Çocukluk Çağı Obezite İle Fto Geni Rs9939609, Rs1421085 ve Mc4R Geni Rs17782313, Rs12970134 Snp Bölgeleri Arasındaki İlişkinin Araştırılması, 2016 - 2020

## **Citations**

Total Citations (WOS):79

h-index (WOS):5

## **Non Academic Experience**

University, Charité – Universitätsmedizin Berlin, Institut für Medizinische Genetik und Humangenetik