

# Prof. Burçak VURAL

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-6553-2020

Yoksis Researcher ID: 47341

## Education Information

Doctorate, Istanbul University, Health Sciences Institute, Genetik, Turkey 2001 - 2005

Postgraduate, Istanbul University, Health Sciences Institute, Genetik , Turkey 1993 - 1995

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 1986 - 1990

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, BEHÇET HASTALIĞINDA ROL OYNAYAN YENİ İMMUNOGENİK ANTİJENLERİN SEREX METODU İLE BELİRLENMESİ, Istanbul University, Sbe, Detae, Genetik, 2005

Postgraduate, BAZI GENOMİK LOKUSLARIN ALLEL VE GENOTİP FREKANSLARININ TÜRK TOPLUMUNDA BELİRLENMESİ VE ADLİ AMAÇLI KULLANIMI, Istanbul University, Sbe, Detae, Genetik , 1995

## Research Areas

Life Sciences, Molecular Biology and Genetics, Natural Sciences

## Academic Titles / Tasks

Professor, Istanbul University, Aziz Sancar Detae, Genetik, 2015 - Continues

Associate Professor, Istanbul University, Detae, Genetik , 2011 - 2015

Research Assistant, Istanbul University, Detae, Genetik , 2007 - 2011

Research Assistant, Istanbul University, Detae, Genetik , 2000 - 2006

## Courses

GENETİKTE GÜNCEL KONULAR, Doctorate, 2013 - 2014, 2012 - 2013

GENETİKTE GÜNCEL KONULAR, Doctorate, 2010 - 2011

## Advising Theses

- VURAL B., Nöro-Behçet Hastalarında Complexin1 Gen Ekspresyonu ve Bu Gene Etki Eden mikroRNA'ların Araştırılması, Doctorate, E.ÜĞÜREL(Student), Continues
- VURAL B., BEHÇET HASTALIĞI-GENOM ANALİZ ÇALIŞMASINDA BELİRLENEN IL23R-IL12RB2 BÖLGESİNDEKİ VARYANTIN (RS924080), IL23R VE IL12RB2 GENLERİNİN EKSPRESYONLARI İLE İLİŞKİSİNİNİN ARAŞTIRILMASI, Postgraduate, F.ÇAVUŞ(Student), Continues
- VURAL B., BEHÇET HASTALIĞINDA OTOREAKTİVİTE GÖSTEREN ANTİJENLERİN SERUM SEVİYELERİNİN HASTA GRUPLARINDA ARAŞTIRILMASI, IL-10 GENŞ EKSPRESYONU VE RS 1554286 SNP'Sİ İNCELENMESİ, Postgraduate, E.ŞEHİTOĞLU(Student), 2014
- VURAL B., ÜÇLÜ NEGATİF MEME KANSERİ(ÜNМК) TEDAVİSİNDE, AZD7762 İLACINA KARŞI HASSASLIĞIN RBFOX2 GEN EKSPRESYONU İLE ARAŞTIRILMASI, Postgraduate, İ.MERT(Student), 2014

## Jury Memberships

- Appointment to Academic Staff-Assistant Professorship, YARD DOÇ SINAV JÜRİ ÜYESİ, KOCAELİ ÜNİVERSİTESİ, MYO, August, 2014
- Post Graduate, TEZ SAVUNMA JÜRİ ÜYESİ, İÜ, DETAE, GENETİK, July, 2014
- Appointment to Academic Staff-Assistant Professorship, Yard doc kadro yenileme, İÜ, DETAE, GENETİK, August, 2013
- Post Graduate, Y lisans tez sınavı, KOCAELİ ÜNİVERSİTESİ, MYO, June, 2011

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

- I. **Epithelial-to-Mesenchymal Transition Is Not a Major Modulating Factor in the Cytotoxic Response to Natural Products in Cancer Cell Lines**  
Kucukkaraduman B., Cicek E. G., Akbar M. W., Demirkol Canlı S., Vural B., Güre A. O.  
MOLECULES, vol.26, no.19, 2021 (SCI-Expanded)
- II. **A novel 20-gene prognostic score in pancreatic adenocarcinoma**  
Demirkol C., Dedeoğlu E., Akbar M., Küçükkaraduman B., İşbilen M., Erdoğan Ö., Erciyas S., Yazıcı H., Vural B., Güre A.  
PLOS ONE, vol.15, no.4, 2020 (SCI-Expanded)
- III. **Enhanced NLRP3 and DEFA1B Expression During the Active Stage of Parenchymal Neuro-Behçet's Disease**  
UGUREL E., ERDAG E., KUCUKALI C. İ., OLCAY A., Sanli E., AKBAYIR E., KURTUNCU M., GUNDUZ T., YILMAZ V., TUZUN E., et al.  
IN VIVO, vol.33, no.5, pp.1493-1497, 2019 (SCI-Expanded)
- IV. **Increased complexin-1 and decreased miR-185 expression levels in Behçet's disease with and without neurological involvement**  
Ugurel E., Sehitoglu E., Tuzun E., Kurtuncu M., Coban A., Vural B.  
NEUROLOGICAL SCIENCES, no.3, pp.411-416, 2016 (SCI-Expanded)
- V. **TaqI, FokI, and ApaI Polymorphisms in the Vitamin D Receptor in Behçet's Disease in Turkish Population**  
ERTEN G., KALKAN M., Bilgiç G., Akdeniz N., OZKOK E., VURAL B.  
DISEASE MARKERS, 2016 (SCI-Expanded)
- VI. **Antibodies to DNA repair proteins in headache with neurological deficits and cerebrospinal fluid lymphocytosis (HaNDL) patients**  
Erdag E., ÇELEBİSOY N., YÜCEYAR A. N., Kurtuncu M., Vural B., Tuzun E.  
ACTA NEUROLOGICA BELGICA, vol.115, no.2, pp.137-140, 2015 (SCI-Expanded)
- VII. **Sorcin antibody as a possible predictive factor in conversion from radiologically isolated syndrome**

**to multiple sclerosis: a preliminary study**

Sehitoglu E., Cavus F., Ulusoy C., Kucukerden M., Orcen A., Akbas-Demir D., Coban A., Vural B., Tuzun E., Turkoglu R.  
INFLAMMATION RESEARCH, no.10, pp.799-801, 2014 (SCI-Expanded)

- VIII. **Increased IL-23 receptor, TNF-alpha and IL-6 expression in individuals with the IL23R-IL12R132 locus polymorphism**  
Cavus F., Ulusoy C., Orcen A., Gül A., Tuzun E., Vural B.  
IMMUNOLOGY LETTERS, vol.160, no.1, pp.96-98, 2014 (SCI-Expanded)
- IX. **Switch-Associated Protein 70 Antibodies in Multiple Sclerosis: Possible Association with Disease Progression**  
TURKOGLU R., Gencer M., EKMEKCI D., Ulusoy C., Erdag E., Sehitoglu E., Cavus F., Haytural H., Kucukerden M., Yalcinkaya N., et al.  
MEDICAL PRINCIPLES AND PRACTICE, no.3, pp.239-245, 2014 (SCI-Expanded)
- X. **Mitochondrial carrier homolog 1 (Mtch1) antibodies in neuro-Behcet's disease**  
Vural B., Sehitoglu E., Cavus F., Yalcinkaya N., Haytural H., Kucukerden M., Ulusoy C., Ugurel E., Turan S., Bulut L., et al.  
JOURNAL OF NEUROIMMUNOLOGY, no.1-2, pp.139-144, 2013 (SCI-Expanded)
- XI. **CACNA1H antibodies associated with headache with neurological deficits and cerebrospinal fluid lymphocytosis (HaNDL)**  
Kurtuncu M., KAYA D., Zuliani L., Erdag E., Icoz S., Ugurel E., Cavus F., Aysit N., Birisik O., Vincent A., et al.  
CEPHALALGIA, vol.33, no.2, pp.123-129, 2013 (SCI-Expanded)
- XII. **Switch-associated protein 70 antibodies in multiple sclerosis: relationship between increased serum levels and clinical relapse**  
Erdag E., Tuzun E., Ugurel E., Cavus F., Sehitoglu E., Giris M., Vural B., Eraksoy M., Akman-Demir G.  
INFLAMMATION RESEARCH, vol.61, no.9, pp.927-930, 2012 (SCI-Expanded)
- XIII. **Evaluation of Glutathione S-Transferase P1 Polymorphisms (Ile105Val and Ala114Val) in Patients with Small Cell Lung Cancer**  
Vural B., Yakar F., Derin D., Saip P., Yakar A., Demirkan A., Karabulut A., Ugurel E., Cine N., Kilicaslan Z., et al.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.16, no.7, pp.701-706, 2012 (SCI-Expanded)
- XIV. **11 beta-hydroxysteroid dehydrogenase type 1 gene expression is increased in ascending aorta tissue of metabolic syndrome patients with coronary artery disease**  
Atalar F., Vural B., Ciftci C., Demirkan A., Akan G., Susleyici-Duman B., GUNAY D., Akpinar B., Sagbas E., Ozbek U., et al.  
GENETICS AND MOLECULAR RESEARCH, vol.11, no.3, pp.3122-3132, 2012 (SCI-Expanded)
- XV. **Anti-neuronal and stress-induced-phosphoprotein 1 antibodies in neuro-Behcet's disease**  
Vural B., Ugurel E., Tuzun E., Kurtuncu M., Zuliani L., Cavus F., Icoz S., Erdag E., Gül A., Gure A. O., et al.  
JOURNAL OF NEUROIMMUNOLOGY, no.1-2, pp.91-97, 2011 (SCI-Expanded)
- XVI. **Sequence variations of NKX2-5 and HAND1 genes in patients with atrial isomerism.**  
Hatemi A. C., Gulec Ç., Cine N., Vural B., Hatirnaz O., Sayitoglu M., Oztunc F., Saltik L., Kansiz E., Unaltuna N. E.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.11, no.4, pp.319-28, 2011 (SCI-Expanded)
- XVII. **Glutathione S-transferase P1 polymorphisms are associated with time to tumor progression in small cell lung cancer patients**  
Saip P., Sen F., Vural B., Ugurel E., Demirkan A., Derin D., Eralp Y., Camlica H., Ustuner Z., Ozbek U.  
JOURNAL OF BUON, vol.16, no.2, pp.241-246, 2011 (SCI-Expanded)
- XVIII. **AUTOANTIBODY RESPONSES AGAINST PINK1 AND SWAP70 ANTIGENS IN BEHCET'S DISEASE**  
Ugurel E., Vural B., Cavus F., Ozbek U., Gül A., GÜRE A. O.  
CLINICAL AND EXPERIMENTAL RHEUMATOLOGY, vol.28, no.4, 2010 (SCI-Expanded)
- XIX. **Comparison of the Cytogenetic and Molecular Analyses in the Assessment of Imatinib Response in Chronic Myelocytic Leukemia**  
Palanduz S., Bayrak A., Sirma S., Vural B., Cefle K., Ucur A., Ozturk Ş., Yenerel M. N., Besisik S., Yavuz S., et al.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.13, no.5, pp.599-602, 2009 (SCI-Expanded)

- XX. **Seroreactivity against PTEN-induced putative kinase 1 (PINK1) in Turkish patients with Behçet's disease.**  
Vural B., Demirkan A., Ugurel E., Kalaylioglu-Wheeler Z., Esen B., Gure A. O., Gul A., Ozbek U.  
Clinical and experimental rheumatology, vol.27, no.2, 2009 (SCI-Expanded)
- XXI. **Prognostic and predictive value of vascular endothelial growth factor and its soluble receptors, VEGFR-1 and VEGFR-2 levels in the sera of small cell lung cancer patients**  
Ustuner Z., Saip P., Yasasever V., Vural B., Yazar A., Bal C., Ozturk B., Ozbek U., Topuz E.  
MEDICAL ONCOLOGY, vol.25, no.4, pp.394-399, 2008 (SCI-Expanded)
- XXII. **Presence of fatty-acid-binding protein 4 expression in human epicardial adipose tissue in metabolic syndrome**  
Vural B., Atalar F., Ciftci C., Demirkan A., Susleyici-Duman B., Gunay D., Akpınar B., Sagbas E., Ozbek U., Buyukdevrim A. S.  
CARDIOVASCULAR PATHOLOGY, vol.17, no.6, pp.392-398, 2008 (SCI-Expanded)
- XXIII. **Association between reduced levels of MEFV messenger RNA in peripheral blood leukocytes and acute inflammation**  
Ustek D., EKMEKCI C. G., Selcukbiricik F., Cakiris A., OKU B., Vural B., YANAR H., TAVILOGLU K., Ozbek U., Gul A.  
ARTHRITIS AND RHEUMATISM, vol.56, no.1, pp.345-350, 2007 (SCI-Expanded)
- XXIV. **Frequency of SOX group B (SOX1, 2, 3) and ZIC2 antibodies in Turkish patients with small cell lung carcinoma and their correlation with clinical parameters**  
Vural B., Chen L., Saip P. M., Chen Y., Ustuner Z., Gonen M. S., Simpson A., Old L., Ozbek U., Gure A.  
CANCER, vol.103, no.12, pp.2575-2583, 2005 (SCI-Expanded)
- XXV. **Turkish population data on nine short tandem repeat loci: HumCSF1PO, HumTH01, HumTPOX, HumFES/FPS, HumF13B, HumVWA, D3S1358, D7S820, D16S539**  
Asicioglu F., Akyüz F., Çetinkaya Ü., YILMAZ S., KOLUAÇIK S., VURAL B., OZBEK U.  
FORENSIC SCIENCE INTERNATIONAL, vol.126, no.3, pp.252-253, 2002 (SCI-Expanded)
- XXVI. **Analysis of neutrophils' role on incisional wound healing**  
Canturk N., Vural B., Esen N., Canturk Z., Solakoglu S., Kirkali G., Sokmensuer C., UTKAN N. Z.  
BRITISH JOURNAL OF SURGERY, vol.85, pp.108-109, 1998 (SCI-Expanded)
- XXVII. **Turkish population data on the short tandem repeat locus TPOX**  
Vural B., pada m., athoğlu e., kolusayın ö., cenani a., Morling N., tümer z.  
INTERNATIONAL JOURNAL OF LEGAL MEDICINE, vol.111, no.2, pp.105-106, 1998 (SCI-Expanded)
- XXVIII. **Turkish population data on the HLA-DQ alpha, LDLR, GYPA, HBGG, D7S8, and GC loci**  
Vural B., athoğlu e., kolusayın ö., toğan i., büyükdevrim s., özçelik t.  
INTERNATIONAL JOURNAL OF LEGAL MEDICINE, vol.111, no.1, pp.43-45, 1998 (SCI-Expanded)
- XXIX. **Identification of point mutations in 41 unrelated patients affected with Menkes disease**  
Tumer Z., Lund C., Tolshave J., Vural B., Tonnesen T., Horn N.  
AMERICAN JOURNAL OF HUMAN GENETICS, vol.60, no.1, pp.63-71, 1997 (SCI-Expanded)
- XXX. **CHARACTERIZATION OF THE EXON STRUCTURE OF THE MENKES DISEASE GENE USING VECTORETTE PCR**  
TUMER Z., VURAL B., TONNESEN T., CHELLY J., MONACO A., HORN N.  
GENOMICS, vol.26, no.3, pp.437-442, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of Sensitivity to AZD7762 in TripleNegative Breast Cancer (TNBC) with RBFOX2 Gene Expression as a Biomarker**  
Alkaç I. M., İşbilen M., Küçükkaraduman B., Güre A. O., Vural B.  
EXPERIMED, vol.12, no.2, pp.33-37, 2022 (Peer-Reviewed Journal)
- II. **Üçlü Negatif Meme Kanserinde Nanomalzeme Temelli Tedavi Stratejileri: Geleneksel Derleme**  
Alkaç İ. M., Vural B.

Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.1, no.1, pp.1-8, 2021 (Scopus)

III. **Mitokondriyal DNA, Anaerik Kalıtım ve İnsan**

Şoroğlu C. V., Berkay E. G., Vural B.

Sağlık Bilimlerinde İleri Araştırmalar Dergisi, vol.4, no.2, pp.65-74, 2021 (Peer-Reviewed Journal)

IV. **Investigation of IL-10 Gene Expression and rs1554286 SNP in Behçet's Disease**

Şehitoğlu E., Uğurel E., Tüzün E., Vural B.

EXMEPIMED, vol.10, no.1, pp.25-29, 2020 (Peer-Reviewed Journal)

V. **Investigation of IL-10 gene expression and rs1554286 SNP in Behçet's disease**

Şehitoğlu Taşar E., Uğurel E., Tüzün E., Vural B.

EXPERIMED, vol.10, no.1, pp.25-29, 2020 (Peer-Reviewed Journal)

VI. **Expression Levels of Inflammasome Complexes in Experimental Autoimmune Myasthenia Gravis Mouse Model (EAMG).**

Baltacı C. N., YILMAZ V., ULUSOY C. A., TÜZÜN E., VURAL B.

Experimed, vol.9, no.3, pp.79-85, 2019 (Peer-Reviewed Journal)

VII. **Expression levels of inflammasome complexes in experimental autoimmune myasthenia gravis mouse model (EAMG)**

Baltacı C., Yılmaz V., Ulusoy C. A., Tüzün E., Vural B.

EXPERIMED, vol.9, no.3, pp.79-85, 2019 (Peer-Reviewed Journal)

VIII. **HEK293 Hücreleri Üzerine Endoplazmik Retikulum Stresi Uyararı Tunikamisin Etkisi**

Kalkan M. A., VURAL B., Kalkan E. K.

EXPERİMED, vol.8, no.8, pp.71-78, 2018 (Peer-Reviewed Journal)

IX. **The Effect of Endoplasmic Reticulum Stress Activator-Tunicamycin on HEK293 Cells**

Kalkan M. A., Vural B., Bayrak A. E.

Experimed, vol.8, no.3, pp.71-78, 2018 (Peer-Reviewed Journal)

X. **Autologous anti-SOX2 antibody responses reflect intensity but not frequency of antigen expression in small cell lung cancer**

Atakan S., Bayiz H., SAK S., Poyraz A., VURAL B., Yildirim A. S., Demirag F., GÜRE A. O.

BMC CLINICAL PATHOLOGY, vol.14, 2014 (ESCI)

XI. **Behçet Hastalarında SWAP70 Antikorunun İncelenmesi**

uğurel e., karabulut a., GÜL A., güre a. o., TÜZÜN E., ÖZBEK U., VURAL B.

DeneySEL Tıp Dergisi, vol.2, no.2, pp.22-29, 2012 (Peer-Reviewed Journal)

XII. **Investigation of Swap70 antibody in patients with Behçet's disease**

Uğurel E., Karabulut A., Gül A., Güre A., Shugaiv E., Tüzün E., Özbek U., Vural B.

EXPERIMED, vol.2, no.4, pp.22-29, 2012 (Peer-Reviewed Journal)

XIII. **Akciğer Kanserinin Teşhis, Tedavi ve Takibinde Yeni Bir Parametre Olarak Anti-Tümör Antikorların Önemi**

güre a. o., VURAL B., ÖZBEK U., firat n. d., savaş i.

plevra bülteni, vol.1, pp.20-26, 2012 (Peer-Reviewed Journal)

XIV. **CYP1A1, GSTM1 and NQO1 gene polymorphisms: Genetic risk factors for small cell lung cancer**

demirkan a., VURAL B., üstüner z., uygun k., öztürk açıklın b., derin d., SAİP P. M., ÖZBEK U.

TURKISH JOURNAL OF CANCER, vol.35, pp.171-176, 2005 (Peer-Reviewed Journal)

XV. **Ülkemizde DNA analizi (HLADQA1, LDLR, GYPA, HBGG ve GC lokusları)**

VURAL B., ÖZBEK U., athoğlu e., büyükdevrim s., kolusayın ö., özçelik t.

ADLİ TIP BÜLTENİ, vol.7, no.1, pp.5-13, 2002 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **Antik DNA - Geçmişin Yankılarında DNA'nın İzini Sürmek**

Vural B. (Editor), Erten Yurdağül G. (Editor), Bayram Akçapınar G. (Editor)

GİNKO BİLİM, İstanbul, 2024

## II. Antik DNA ve Etik

Vural B., Atalay A.

in: Antik DNA - Geçmişin Yankılarında DNA'nın İzini Sürmek, Burçak Vural, Gaye Erten YUrdagül, Günesli Bayram Akçapınar, Editor, GİNKO BİLİM, İstanbul, pp.313-328, 2024

## III. bölüm 5 kromozomlar, bölüm 7 kromozom anomalileri, bölüm 12 genetik değerlendirme, genetik danışmanlık ve üremeye ilgili seçenekler

VURAL B.

in: tıbbi genetiğin esasları, Özbek U. ve ark, Editor, İstanbul Tıp Kitabevi, İstanbul, pp.57-176, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Whole Exome Sequence Analyses In A Consanguineous Family With Affected Dizygotic Twins Reveal A Novel SEPN1 Variant Associated With Multiminicore Disease**  
Sarı Tunel F., Tuncer Kılınc F. N., Bayrak A. E., Salman Yılmaz S., Oflazer P., Vural B.  
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019, pp.76
- II. **Mutant Hücrelerde ER Stres Cevabında Rol Alan BiP ve XBP1 Genlerinin in vitro Analizi**  
Kalkan M. A., Vural B., Bayrak A. E.  
X. Aziz Sancar DETAE Günleri, İstanbul, Turkey, 29 - 30 November 2018, pp.5
- III. **The expression analysis of genes in unfolded protein response system in PRKAG2 in vitro mutated cells**  
Kalkan M. A., Vural B., Bayrak A. E.  
6th International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 5 - 08 September 2018, pp.109
- IV. **Berberinin AMP-aktif edilmiş protein kinaz yolağında bulunan seçilmiş genlerin ekspresyon düzeylerine etkisi**  
Çelebi G., Kalkan M. A., Çoban N., Selçuk B. Ş., Vural B., Bayrak A. E.  
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017, pp.12
- V. **AMP-Aktive edilmiş Protein Kinazın (AMPK) Aktivatörü-AICAR kullanımının AMPK yolağındaki genler üzerine etkisi**  
Kalkan M. A., Çelebi G., Çoban N., Selçuk B. Ş., Vural B., Bayrak A. E.  
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017, pp.27
- VI. **Berberinin AMP-aktif edilmiş, protein kinaz yolağında bulunan seçilmiş, genlerin ekspresyon düzeylerine etkisi.**  
Çelebi G., Kalkan M., ÇOBAN N., OZSAIT-SELCUK B., VURAL B., KOMURCU-BAYRAK E.  
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017, pp.2
- VII. **AMP-Aktive edilmiş, Protein Kinazın (AMPK) Aktivatörü-AICAR kullanımının AMPK yolağındaki genler üzerine etkisi.**  
Kalkan M., Çelebi G., ÇOBAN N., OZSAIT-SELCUK B., VURAL B., KOMURCU-BAYRAK E.  
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017, pp.3
- VIII. **The effects of missense mutations causing PRKAG2 cardiomyopathy on expression levels of selected genes involved in AMPK pathway.**  
KOMURCU-BAYRAK E., Kalkan M., Çelebi G., ÇOBAN N., OZSAIT-SELCUK B., VURAL B., BAYRAK A. E.  
American Society of Human Genetics Congress, Orlando, United States Of America, 17 - 21 October 2017, pp.1
- IX. **Nöro Behçet Hastalığının Aktif ve İnaktif Dönemlerindeki Gen Ekspresyon Profilleri**  
UĞUREL E., ŞEHİTOĞLU E., KÜRTÜNCÜ M., TÜZÜN E., SHUGAİV E., ÇOBAN A., VURAL B.  
6. DETAE Günleri, Turkey, 24 November 2014
- X. **Antibodies to DNA repair proteins in HANDL patients**  
Erdag E., Tuzun E., Kurtuncu M., Vural B.  
12th International Congress of Neuroimmunology (ISNI), Mainz, Germany, 9 - 13 November 2014, vol.275, pp.59
- XI. **Mitochondrial carrier 1 (MTCH1) antibodies in neuromyelitis optica patients with or without**

#### **aquaporin-4 antibodies**

Coban A, Cavus F., Ulusoy C., Turan S., Vural B., Turkoglu R., Kurtuncu M., Eraksoy M., Akman-Demir G., Tuzun E. 6th Congress of the Pan-Asian-Committee-on-Treatment-and-Research-in-Multiple-Sclerosis (PACTRIMS), Kyoto, Japan, 6 - 08 November 2013, vol.20, pp.942-943

- XII. **Evaluation of anti neuronal autoimmunity in migraine patients with white matter lesions**  
ULUSOY C. A., ŞEHİTOĞLU E., ÇAVUŞ F., KÜÇÜKERDEN M., HAYTURAL H., YALÇINKAYA N., ÖRÇEN A., DEMİR A., ÇOBAN A., VURAL B., et al.  
EFNS-ENS Joint Congress of European Neurology, 31 May 2014
- XIII. **Gene expression profiles in neuro Behcet s disease during active and inactive stages**  
UĞUREL E., ŞEHİTOĞLU E., KÜRTÜNCÜ M., SHUGAIV E., ULUSOY C. A., KÜÇÜKERDEN M., ÇOBAN A., TÜZÜN E., VURAL B.  
EFNS-ENS Joint Congress of European Neurology, 31 May 2014
- XIV. **Gene expression profiles in neuro-Behcet's disease during active and inactive stages**  
Uğurel E., Sehitoglu E., KÜRTÜNCÜ M., Shugaiv E., ULUSOY C. A., Kucukerden M., ÇOBAN A., TÜZÜN E., VURAL B.  
Joint Congress of European Neurology, İstanbul, Turkey, 31 May - 03 June 2014
- XV. **Ak Madde Lezyonlu Migren Hastalarında Anti Nöronal Otoimmünite Değerlendirmesi**  
ŞEHİTOĞLU E., ÇAVUŞ F., ULUSOY C. A., KÜÇÜKERDEN M., HAYTURAL H., YALÇINKAYA N., ÖRÇEN A., DEMİR D., ÇOBAN A., VURAL B., et al.  
49. Ulusal Nöroloji Kongresi, Turkey, 15 November 2013
- XVI. **MTCH1 antibodies in Neuromyelitis Optica patients with or without aquaporin 4 antibodies**  
ÇOBAN A., Çavuş F., ULUSOY C. A., Turan S., VURAL B., Türkoğlu R., KÜRTÜNCÜ M., ERAKSOY M., Demir G., TÜZÜN E.  
Twenty-third Meeting of the European Neurological Society, 08 June 2013
- XVII. **Novel Anti-Neuronal Antibodies in Neuromyelitis Optica Patients with or without Aquaporin-4 Antibodies**  
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- XVIII. **Switch-associated protein 70 (SWAP 70) antibody levels are associated with clinical relapse in multiple sclerosis**  
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- XXII. **11 beta-HSD type 1 is responsible for low plasma hdl-cholesterol and abdominal obesity in metabolic syndrome patients**  
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## Supported Projects

VURAL B., TUBITAK Project, Nöro-Behçet Hastalarında Complexin1 ve Complexin2 Gen Ekspresyonlarının Araştırılması, 2014 - Continues

VURAL B., SARI TUNEL F., Project Supported by Higher Education Institutions, Multiminicore Hastası İkiz Kardeşin Tüm Ekzom Dizileme Verisinden Hastalık Etkeni Varyantların Tespiti Konfirmasyonu ve Gen Ekspresyonu Çalışmaları, 2017 - 2019

VURAL B., BALTACI C. N., Project Supported by Higher Education Institutions, Deneysel Otoimmün Miyasthenia Gravis Fare Modelinde İnfamazom Komplekslerinin Ekspresyon Seviyesi, 2017 - 2019

VURAL B., KALKAN M. A., BAYRAK A. E., Project Supported by Higher Education Institutions, Mutant Proteinlere Bağlı Endoplazmik Retikulum Strese Cevapta Rol Oynayan Genlerin İn Vitro Analizi, 2017 - 2018

VURAL B., Project Supported by Higher Education Institutions, Gene Expression Profiles in Neuro-Behçet's Disease During Active and Inactive Stages, 2014 - 2014

VURAL B., Project Supported by Higher Education Institutions, Üçlü negatif meme kanseri (ÜNMK) tedavisinde, AZD7762 ilacına karşı hassaslığın RBFOX2 gen ekspresyonu ile araştırılması, 2013 - 2014

VURAL B., Project Supported by Higher Education Institutions, Nöro-Behçet Hastalığının Vasküler ve Parankimal Tiplerinde Gen Ekspresyon Profilleri, 2013 - 2014

VURAL B., Project Supported by Higher Education Institutions, DUYGUDURUM BOZUKLUKLARINDA BAZI KEMOKİN VE KEMOKİN RESEPTÖR POLİMORFİZMLERİNİN İNCELENMESİ, 2012 - 2014

VURAL B., Project Supported by Higher Education Institutions, Anti-neuronal and stress-induced-phosphoprotein 1 antibodies in neuro-Behçet's disease, 2012 - 2013

VURAL B., Project Supported by Higher Education Institutions, Behçet Hastalığında otreaktivite geliştiren bazı antijenlerin araştırılması, 2011 - 2012

TÜZÜN E., VURAL B., TUBITAK Project, Nöro-behçet Hastalarında Otreaktivite Gelişen Antijenlerin Serex Metodu ile Belirlenmesi, 2008 - 2011

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## **Memberships / Tasks in Scientific Organizations**

Tıbbi genetik Derneđi, Member, 1995 - Continues

## **Scientific Refereeing**

TUBITAK Project, January 2014

Food and Agricultural Immunology, Journal Indexed in SSCI, June 2013

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## **Metrics**

Publication: 74

Citation (WoS): 501

Citation (Scopus): 554

H-Index (WoS): 12

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## **Scholarships**

TÜBİTAK- Doktora sonrası Yurtdışı bursu, TUBITAK, 2006 - Continues

## **Awards**

VURAL B., Romatoloji Ödülü ikincilik ödülü, RAED, September 2007

VURAL B., Sözlü Bildiri Birincilik Ödülü, XVII. Ulusal Kanser Kongresi, April 2007

VURAL B., Moleküler Genetik Alanında Poster Birincilik Ödülü, VII.Ulusal Prenatal Tanı ve Tıbbi Genetik Kongresi, May 2006

UYDEŞ DOĞAN B. S., VURAL B., Prof.Dr. Meliha Terziođlu Ödülü, İstanbul Üniversitesi Bilimsel Araştırma Projeleri Birimi, April 2006

VURAL B., Birincilik çalışma ödülü, Türk Kanser Araştırma ve Savaş Kurumu, April 2005