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EDUCATION

PhD	**İstanbul University**, **Health Sciences Institute Medical Biology and Genetics Depart.**	2007-2011
Master	**Trakya University**, **Health Sciences Institute Medical Biology and Genetics Depart.**	2003-2006
University	**Trakya University**, **Medical Faculty**	1991-1998

WORK EXPERIENCE

Trakya University, **Medical Faculty, Medical Genetics Depart.** 2011-
Associate Professor Doctor

İstanbul University, **Medical Faculty, Medical Biology and Genetics Depart.** 2007-2011
Research Assistant

Trakya University, **Medical Faculty, Medical Biology and Genetics Depart.** 2002-2007
Research Assistant

T. C. Ministry of Health, Medical Doctor 1999-2002

THESIS & PROJECTS

PhD Thesis : İstanbul University, **Health Sciences Institute, Medical Biology and Genetics Depart.**
Azoospermik infertil erkek hastalarda sinaptonemal kompleks protein 3 (SYCP3) genindeki mutasyonların DNA dizi analizi yöntemi ile araştırılması

Master Thesis: Trakya University, **Health Sciences Institute, Medical Biology and Genetics Depart.**
Major depresyon olgularında Norepinefrin Transfer Geni Polimorfizmleri sıklığı

PROJECTS:

2003- 2006	**TÜBAP-572** (Trakya Üniversitesi Bilimsel Araştırma Projeleri-572) "Major Depresyon Olgularında Norepinefrin Transfer Geni Polimorfizmleri Sıklığı". **Proje Yürütücüsü:** Doç. Dr. Gökay BOZKURT

2003-2006	**TÜBAP-583** (Trakya Üniversitesi Bilimsel Araştırma Projeleri-583) "Bipolar Duygudurum Bozukluğunda MAO Gen Polimorfizmleri Sıklığı". **Proje Yürütücüsü:** Prof. Dr. Çetin ALGÜNEŞ
2009-Mart 2013	**TÜBAP-129** (Trakya Üniversitesi Bilimsel Araştırma Projeleri-129) "FMF (Ailevi Akdeniz Ateşi) Hastalarında MEFV Geni Ekzon 2, 3, 5, 6, 7 ve 10 Gen Bölgesi Mutasyonları ile Pyrin Proteini Ekspresyon Düzeyleri Arasındaki İlişkinin Belirlenerek Genotip-Fenotip İlişkisinin Araştırılması". **Proje Yürütücüsü:** Yard. Doç Dr. Hilmi TOZKIR
Şubat 2010-Haziran 2011	**İstanbul Üniv. Bilimsel Araştırma Projeleri Birimi- 4862** **"**Azospermik infertil erkek hastalarda sinaptonemal kompleks protein 3 genindeki mutasyonların DNA dizi analizi yöntemi ile araştırılması". **Proje Yürütücüsü:** Prof. Dr. Filiz AYDIN
Temmuz 2011-	**TÜBİTAK 3501 Ulusal Genç Araştırmacı Kariyer Geliştirme Programı (Kariyer Programı)- Proje no: 111S153** "Sistemik Lupus Eritematozus ve Sistemik Sklerozlu Hastalarda Öldürücü Immünglobulin Benzeri Reseptör (KIR) Genotiplerinin, Kir Geni Demetilasyon Durumunun ve DNA Metiltransferaz Ekspresyonunu Araştırılması" **Proje Yürütücüsü:** Yard. Doç. Dr. Jülide DUYMAZ TOZKIR
24.04.2012-17.12.2013	**TÜBAP-2012/91** Metilentetrahidrofolat redüktaz (MTHFR) Geni C677T ve A1298C Polimorfizmleri İlişkisinin Türk Toplumundaki Nedeni Açıklanamayan (İdiyopatik) İnfertil Erkek Hastalarda Araştırılması **Proje Yürütücüsü:** Yard. Doç Dr. Hakan GÜRKAN
2012	**TÜBAP-2012/79** Prematüre Pubarş Tanılı Olgularda CYP21A2 Genine Ait Mutasyonların Araştırılması, **Proje Yürütücüsü:** Prof. Dr. Filiz TÜTÜNCÜLER
2012-2015	**TÜBAP-2012/158** İnfertil Erkek Hastalarda 5,10 Metilentetrahidrofolat Redüktaz (MTHFR) Gen Metilasyonunun Araştırılması **Proje Yürütücüsü:** Doç Dr. Hakan GÜRKAN

2013	**TÜBAP-2013/139** Doku Metalloprotienaz İnhibitör 1 (TIMP-1) Gen Polimorfizminin Karaciğer Sirozu Gelişimine Etkileri **Proje Yürütücüsü:** Prof. Dr. Ali Rıza Soy
2013-2013	IL23 yolağındaki Tirozin Kinaz-2 (Tyk2) Gen Polimorfizmlerinin İnflamatuvar Barsak Hastalığı ile ilişkisi **Proje Yürütücüsü:** Prof. Dr. Ahmet TEZEL
2013	**TÜBAP-2013-107** IL23R, JAK2 ve STAT3 Gen Polimorfizmlerinin Trakya Bölgesinde İnflamatuvar Barsak Hastalığı ile İlişkisi **Proje Yürütücüsü:** Prof. Dr. Ahmet TEZEL
2013-2015	**TÜBAP-2013-72** Migren Tanılı Kişilerde eNOS Gen Polimorfizmi İlişkisinin Araştırılması **Proje Yürütücüsü:** Yard. Doç Dr. Sibel GÜLER
2013	**TÜBAP-2013-89** Investigation of toll like receptor 2 gene polymorphisms (A16934T and R753Q) in children with atopic dermatitis **Proje Yürütücüsü:** Prof. Dr. Mehtap YAZICIOĞLU
2013	**TÜBAP-2013-138** Nedeni açıklanamayan tekrarlayan gebelik kayıplarında Vasküler Endoteliyal Büyüme Faktörü (VEGF) Genetik Varyasyonlarının Araştırılması **Proje Yürütücüsü:** Prof. Dr. Koray ELTER
2014-2015	**TÜBAP-2014-97** Mikrodizin (Mikroarray) Analizi ve Önemi **Proje Yürütücüsü:** Yard. Doç Dr. Hakan GÜRKAN
2014	**TÜBAP-2014-59** Non-Obstruktif Azoospermik İnfertil Erkek Hastalarda Gen Kopya Sayısı Değişikliklerinin Mikrodizin Analizi (arrayCGH) Yöntemi ile Araştırılması **Proje Yürütücüsü:** Doç Dr. Hakan GÜRKAN

PUBLICATIONS

1- **Hakan Gurkan**, Nese Özkayın, Kıymet Tabakcıoglu, Cetin Algunes. MEFV Gene Exon 2 and Exon 10 gene region mutations of Familial Mediterranean Fever Patients in Trakya Population. Trakya Üniversitesi Tıp Fakültesi Dergisi, **2010;27(1):37-43.**

2- **Gurkan H,** Kucukdurmaz F, Akman T, Aydın F, Kadioglu A. Screening for Y chromosome microdeletion in a nonobstructive azoospermic male patient with allogeneic bone marrow transplantation from his sister. Case Report Med. **2010;2010:541061**. *Epub 2010 Dec 16*, PMID: 21209805.

3- Toptas B, Görmüs U, Ergen A, **Gürkan H**, Kelesoglu F, Darendeliler F, Bas F, Dalan AB, Izbirak G, Isbir T. Comparison of Lipid Profiles with APOA1 MspI Polymorphism in Obese Children with Hyperlipidemia. In Vivo. **2011 May-Jun;25(3):425-30.**

4- K.Ayna T, Tozkır H, Ş.Çiftçi H, **Gürkan H**, Tekgündüz E, Algüneş Ç, Gürtekin M, Çarin M. HLA-DP uyumsuzluğuna bağlı mikst lenfosit kültür testindeki pozitiflik. **Balkan Med J 2011; 28:224-226**

5- Tozkir H, Sağiroğlu T, Kiliçarslan-Ayna T, Tan S, Copuroğlu E, Sağiroğlu G, Sari G, **Gürkan H**, Sezer A. The presence of donor-specific antibodies in renal transplantation. **Transplant Proc. 2012 Jul;44(6):1667-9.**

6- Akgul SU, Oguz FS, Calişkan Y, Kekik C, **Gürkan H**, Türkmen A, Nane I, Aydin F. The Effect of Glutathion S-Transferase Polymoprhisms and Anti-GSST1 Antibodies on Allograft Functions in Recipients of Renal Transplant. **Transplant Proc. 2012 Jul;44(6):1679-84.**

7- **Hakan Gurkan**, Sadık Altan Ozal, Haluk Esgin. Results of Mitochondrial DNA Sequence Analysis in Patients with Clinically Diagnosed Leber's Hereditary Optic Neuropathy. **Balkan Med J, 2012 Sep;29(3):306-9**

8- **Gurkan H**, Aydin F, Kadıoglu A, Palanduz S. Investigation of mutations in the synaptonemal complex protein 3 (SYCP3) gene among azoospermic infertile male patients in the Turkish population. **Andrologia. 2013 Apr;45(2):92-100.**

9- V. Ulker, **H. Gurkan**, H. Tozkir, V. Karaman, H. Ozgur, C. Numanoglu, A. Gedikbasi, O. Akbayir, Z.O. Uyguner. Novel *NLRP7* mutations in familial recurrent hydatidiform mole: are *NLRP7* mutations a risk for recurrent reproductive wastage? **European Journal of Obstetrics & Gynecology and Reproductive Biology,** 170 (2013) 188–192

10- Ulusal S, **Gürkan H**, Vatansever Ü, Kürkçü K, Tozkir H, Acunaş BA. A Case Of Treacher Collins Syndrome. **BJMG, 16 (2), 2013, 77-80.**

11- Hilmi Tozkır, **Hakan Gürkan**, Neşe Özkayın, Necdet Süt. Mediterranean Fever Gene Mutations and Messenger Ribonucleic Acid Expressions in Pediatric Patients With Familial Mediterranean Fever in the Trakya Region of Turkey. **Turk J Rheumatol. Arch Rheumatol 2014;29(2):118-125**, doi: 10.5606/ArchRheumatol.2014.3622

12- Pamuk ON, Tozkir H, Uyanik MS, **Gurkan H**, Saritas F, Duymaz J, Donmez S, Yazar M, Pamuk GE. PECAM-1 gene polymorphisms and soluble PECAM-1 level in rheumatoid arthritis

and systemic lupus erythematosus patients: any link with clinical atherosclerotic events? **Clin Rheumatol.** 2014 Dec;33(12):1737-43. doi: 10.1007/s10067-014-2771-3

13- Hilmi Tozkır, Omer Nuri Pamuk, Julide Duymaz, **Hakan Gurkan,** Metin Yazar, Gulce Sarı, Hazel Tanrıkulu And Gulsum Emel Pamuk. Increased frequency of class I and II anti-human leukocyte antigen antibodies in systemic lupus erythematosus and scleroderma and associated factors: a comparative study. **International Journal of Rheumatic Diseases**. Article first published online: 8 Oct 2014 | DOI: 10.1111/1756-185X.12484

14- Sari G, Yazar M, Tozkir H, Duymaz J, **Gürkan H**. Identification of a novel HLA-A*26 allele, HLA-A*26:01:36, in a Turkish family by sequence-based typing. Tissue Antigens. 2014 Oct 27. doi: 10.1111/tan.12461.

15- Hilmi Kodaz, Bulent Erdogan, Ilhan Hacibekiroglu, Esma Turkmen, **Hakan Gurkan**, Dogan Albayrak, Ebru Tastekin, Sernaz Uzunoglu, Irfan Cicin. Impact of bevacizumab on survival outcomes in primary tumor resected metastatic colorectal cancer. **Med Oncol**. 2015 Jan;32(1):441

16- **H. Gurkan**, H. Tozkır, E. Göncü, S. Ulusal and M. Yazar. The relationship between methylenetetrahydrofolate reductase c.677TT genotype and oligozoospermia in infertile male patients living in the Trakya region of Turkey. **Andrologia**. 2015 Nov;47(9):1068-74.

17- **Gürkan, Hakan**; Fischer, Judith; Ulusal, Selma; Vatansever, Ülfet; Hartmann, Britta; Tozkır, Hilmi; Schlipf, Nina; Acunas, Betül Ayse. A novel mutation in the ABCA12 gene in a Turkish case of Harlequin ichthyosis. **Clin Dysmorphol**. 2015 Jul;24(3):115-7

18- Pamuk GE, Tozkır H, Uyanık MS, **Gurkan H**, Duymaz J, Pamuk ON. Natural Kıller Cell Immunoglobulın-Lıke Gene Polymorphısms in Non-Hodgkın's Lymphoma Possible Association with Clinical Course. **Leuk Lymphoma**. 2015 Oct;56(10):2902-7

19- Güray Can, Ahmet Tezel, **Hakan Gürkan**, Hatice Can, Bülent Yılmaz, Gülbin Ünsal, Ali Rıza Soylu, Hasan Celalettin Ümit. Tyrosine kinase-2 gene polymorphisms are associated with ulcerative colitis and Crohn's disease in Turkish Population. Clinics and Research in Hepatology and Gastroenterology. **Clin Res Hepatol Gastroenterol**. 2015 Sep;39(4):489-98

20- Güler S, **Gürkan H**, Tozkir H, Turan N, Çelik Y. An investigation of the relationship between the eNOS gene polymorphism and diagnosed migraine. **Balkan J Med Genet**. 2015 Apr 10;17(2):49-59.

21- Mehmet Sevki Uyanik, Muzaffer Demir, Idris Kurt, Muhammet Maden, Fulya Oz Puyan, **Hakan Gurkan**, Elif Gulsum Umit, Gulsum Emel Pamuk. Could the Mosaic Pattern of Chromosomal

Abnormality Predict Overall Survival of Patients with Myelodysplastic Syndrome? ***Hematology/Oncology and Stem Cell Therapy***, http://dx.doi.org/10.1016/j.hemonc.2015.12.002

22- Emine Ikbal Atli, **Hakan Gurkan**, Hilmi Tozkir, Yasemin Ozen, Selma Ulusal, Engin Atli, Gulizar Fusun Varol and Cenk Sayin. Cytogenetic Analysis and Thrombophilia-Associated Gene Mutations of Couples with Recurrent Miscarriage. Journal of Fertilization: In Vitro - IVF-Worldwide, Reproductive Medicine, Genetics & Stem Cell Biology. JFIV Reprod Med Genet 2016, 4:3 DOI: 10.4172/2375-4508.1000189

23- Tozkır JD, Tozkır H, **Gürkan H**, Dönmez S, Eker D, Pamuk GE, Pamuk ÖN. The investigation of killer cell immunoglobulin-like receptor genotyping in patients with systemic lupus erytematosus and systemic sclerosis. **Clin Rheumatol**. 2016 Mar 9.

24- Kinyas S, Ozal SA, Guclu H, Gurlu V, Esgin H, **Gurkan H.** Von Hippel-Lindau Disease: The Clinical Manifestations and Genetic Analysis Results of Two Cases From A Single Family. **BJMG** 18(2), 2015, 65.

25- İkbal Atli E, **Gürkan H**, Vatansever Ü, Ulusal S, Tozkir H. A Case With Emanuel Syndrome: Extra Derivative 22 Chromosome Inherited From The Mother. **BJMG** 18(2), 77-82

26- Hilmi Kodaz, Ebru Taştekin, Bülent Erdoğan, İlhan Hacıbekiroğlu, Hilmi Tozkır, **Hakan Gürkan,** Esma Türkmen, Bora Demirkan, Sernaz Uzunoğlu , İrfan Çiçin. KRAS Mutation in Small Cell Lung Carcinoma and Extrapulmonary Small Cell Cancer. **Balkan Med J**; 2016; 33: 407-410.

27- Inan C, Sayın NC, Atlı E, Ulusal S, Erzincan S, Uzun I, **Gurkan H**, Varol FG. Tetrasomy 18p in a Twin Pregnancy with Diverse Expression in Both Fetuses. Fetal Pediatr Pathol. 2016 Jun 16:1-5. [Epub ahead of print]

28- Sonay Temurhan, Zeynep Tamay, **Hakan Gurkan**, Sebahat Akgul, Deniz Ozceker, Cigdem Kekik, Penbe Cagatay, Filiz Aydin and Nermin Guler. The Effect of TGFB1 and CD14 Gene Polymorphisms on the Clinical Findings of Cystic Fibrosis in Turkish Patients. Int J Hum Genet, 16(1,2): 40-47 (2016**)**

29- Can G, Tezel A, **Gürkan H**, Tozkır H, Ünsal G, Soylu AR, Ümit HC. Investigation of IL23R, JAK2, and STAT3 gene polymorphisms and gene-gene interactions in Crohn's disease and ulcerative colitis in a Turkish population. Turk J Gastroenterol. 2016 Nov;27(6):525-536. doi: 10.5152/tjg.2016.16327.

30- Pamuk ON, **Gurkan H**, Pamuk GE, Tozkır H, Duymaz J, Yazar M. BLK pathway-associated rs13277113 GA genotype is more frequent in SLE patients and associated with low gene

expression and increased flares. Clin Rheumatol. Clin Rheumatol. 2017 Jan;36(1):103-109. doi: 10.1007/s10067-016-3475-7. Epub 2016 Nov 18

31- Görker I, **Gürkan H**, Demir Ulusal S, Atlı E, Ikbal Atlı E. A 9-year-old-girl with Phelan McDermid Syndrome, who had been diagnosed with an autism spectrum disorder. BJMG, 19 (2), 2016, 85-90. DOI: 10.1515/bjmg-2016-0041

32- Can C, Yazıcıoğlu M, **Gürkan H**, Tozkır H, Görgülü A, Süt NH. Lack of Association between Toll-like Receptor 2 Polymorphisms (R753Q and A-16934T) and Atopic Dermatitis in Children from Thrace Region of Turkey. Balkan Med J. 2017 Apr 6. doi: 10.4274/balkanmedj.2015.1253. [Epub ahead of print]

33- Can N, Celik M, Sezer YA, Ozyilmaz F, Ayturk S, Tastekin E, Sut N, **Gurkan H**, Ustun F, Bulbul BY, Guldiken S, Puyan FO. Follicular morphological characteristics may be associated with invasion in follicular thyroid neoplasms with papillary-like nuclear features. Bosn J Basic Med Sci. 2017 Apr 28. doi: 10.17305/bjbms.2017.2039. [Epub ahead of print]

34- Klingbeil KD, Greenland CM, Arslan S, Llamos Paneque A, **Gurkan H**, Demir Ulusal S, Maroofian R, Carrera-Gonzalez A, Montufar-Armendariz S, Paredes R, Elcioglu N, Menendez I, Behnam M, Foster J 2nd, Guo S, Escarfuller S, Cengiz FB, Duman D, Bademci G, Tekin M. Novel EYA1 variants causing Branchio-oto-renal syndrome. Int J Pediatr Otorhinolaryngol. 2017 Jul;98:59-63. doi: 10.1016/j.ijporl.2017.04.037. Epub 2017 Apr 26.

35- Ulusal SD, **Gürkan H**, Atlı E, Özal SA, Çiftdemir M, Tozkır H, Karal Y, Güçlü H, Eker D, Görker I. Genetic Analyses of The *NF1* Gene in Turkish Neurofibromatosis Type I Patients and Definition of Three Novel Variants. BJMG 20 (1), 2017, 13-20. DOI: 10.1515/bjmg-2017-0008

36- Atli, Engin; **Gurkan, Hakan**; Ulusal, Selma; Karal, Yasemin; Atli, Emine I.; Tozkir, Hilmi Identification of a novel homozygous TBC1D24 mutation in a Turkish family with DOORS syndrome. Clin Dysmorphol. **2018 Jan**;27(1):1-3. doi: 10.1097/MCD.0000000000000204.

37- Pamuk GE, Tozkır H, Uyanık MS, **Gurkan H**, Duymaz J, Pamuk ON. CXCL12 rs18011157 polymorphısm in patients wıth non-Hodgkin's lymphoma: Is it associated with poor outcome? J Cancer Res Ther. **2018 Jul-Sep**;14(5):1075-1078. doi: 10.4103/0973-1482.203596.

38- Görker I, **Gürkan H**, Ulusal S, Atli E, Ayaz G, Ceylan C, Tozkir H, Altay MA, Erol A, Yildiz N, Direk C, Akköprü H, Kilit N, Aykutlu HC, Bozatli L, Çelik Z, Berberoğlu KK. Investigation of Copy Number Variation by arrayCGH in Turkish Children and Adolescents Diagnosed with

Autism Spectrum Disorders. Noro Psikiyatr Ars. **2018 Apr** 26;55(3):215-219. doi: 10.5152/npa.2017.21611.

39- Cihan Inan, Niyazi Cenk Sayin, **Hakan Gurkan**, Selen Gursoy Erzincan, Isil Uzun, Havva Sutcu, Emine Ikbal Atli, Fusun Varol. Large posterior encephalocele associated with severe ventriculomegaly, cerebellar atrophy and transposition of the great arteries. J Clin Ultrasound. **2018 Nov**;46(9):588-590. doi: 10.1002/jcu.22625. Epub 2018 Aug 14.

40- Uzun Çilingir I, Sayin NC, **Gurkan H**, Çiftdemir NA, Atlı E, İnan C, Erzincan S, Sutcu H, Vatansever U, Varol F. Deletion of macro domain containing 2(MACRO D2) associated with transient hydrops fetalis. Taiwan J Obstet Gynecol. **2018 Dec**;57(6):897-898. doi: 10.1016/j.tjog.2018.10.023.

41- Bademci G, Abad C, Incesulu A, Elian F, Reyahi A, Diaz-Horta O, Cengiz FB, Sineni CJ, Seyhan S, Atli EI, Basmak H, Demir S, Nik AM, Footz T, Guo S, Duman D, Fitoz S, **Gurkan H**, Blanton SH, Walter MA, Carlsson P, Walz K, Tekin M. FOXF2 is required for cochlear development in humans and mice. Hum Mol Genet. **2018** Dec 17. doi: 10.1093/hmg/ddy431.

42- Atli Eİ, **Gurkan H**, Atli E, Tozkir H, Varol GF, İnan C. Prenatal Diagnosıs Of A New Case: De Novo Balanced Non-Robertsonian Translocation Involving t(15;22)(p11.2;q11.2). BJMG 21 (2), **2018** (69-72). DOI: 10.2478/bjmg-2018-0020

43- Emine Ikbal Atli, **Hakan Gurkan**, Ahmet Muzaffer Demir. An unknown chromosomal aberration in a patient with chronic lymphocytic leukemia: Extra isochromosome 4q. Journal of Cancer Research and Therapeutics.DOI:10.4103/jcrt.JCRT_236_17

44- Cihan Inan, N. Cenk Sayin, **Hakan Gurkan**, Selen G. Erzincan, Isil Uzun, Havva Sutcu, Engin Atli and Fusun Varol. Unusual facio-upper arm band of a fetus mimicking amniotic band syndrome. J. Obstet. Gynaecol. Res. Vol. 45, No. 4: 927–930, **April 2019**. doi:10.1111/jog.13905

45- Inan C, Sayin NC, Dolgun ZN, **Gurkan H**, Erzincan SG, Uzun I, Sutcu H, Ates S, Atli E, Varol F. Prenatal diagnosis of chromosomal polymorphisms: most commonly observed polymorphism on Chromosome 9 have associations with low PAPP-A values. J Matern Fetal Neonatal Med. **2019 May**;32(10):1688-1695. doi: 10.1080/14767058.2017.1416079. Epub 2017 Dec 20.

46- Cihan Inan, N. Cenk Sayin, **Hakan Gurkan**, Engin Atli, Selen Gursoy Erzincan, Isil Uzun, Havva Sutcu, Sumeyra Dogan, Emine Ikbal Atli, and Fusun Varol. Schizencephaly accompanied by occipital encephalocele and deletion of chromosome 22q13.32: a case report. Fetal And Pediatric Pathology. **https://doi.org/10.1080/15513815.2019.1604921. 26 February 2019**

47- Uzun Cilingir I, Varol F, **Gurkan H**, Sutcu H, Atli E, Eker D, Inan C, Erzincan S, Sayin C. Placental and serum levels of human Klotho in severe preeclampsia: A potential sensitive biomarker. Placenta. **2019 Sep** 15;85:49-55. doi: 10.1016/j.placenta.2019.08.084. Epub 2019 Aug 19.

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49- Elmaoğulları S, Yıldız AE, Demir S, **Gürkan H**, Uçaktürk SA. A novel LEMD3 pathogenic variant in a son and mother with osteopoikilosis. Turk J Pediatr. 2019;61(4):594-598. doi: 10.24953/turkjped.2019.04.018.

50- Sanri A., **Gurkan H.**, Demir S. Cardiofaciocutaneous Syndrome Phenotype in a Case with de novo KRAS Pathogenic Variant. Mol Syndromol **2020 Jan**;10(6):344-347. doi: 10.1159/000504374

51- Atli E.I., Atli E., Yalcintepe S., **Gurkan H**. A Rare Case of Mosaic Unbalanced Non-Robertsonian Translocation Involving Chromosomes 15 and 22 with Congenital Abnormalities in Monozygotic Twins. Mol Syndromol **2020 Jan**;10(6):320-326. doi: 10.1159/000505004.

52- Celik M, Bulbul BY, Ayturk S, Durmus Y, **Gurkan H**, Can N, Tastekin E, Ustun F, Sezer A, Guldiken S. The relation between BRAFV600E mutation and clinicopathological characteristics of papillary thyroid cancer. Med Glas (Zenica). 2020 Feb 1;17(1). doi: 10.17392/1086-20. [Epub ahead of print]

53- Atli EI, **Gurkan H**, Atli E, Vatansever U, Acunas B, Mail C. De Novo Subtelomeric 6p25.3 Deletion with Duplication of 6q23.3-q27: Genotype-Phenotype Correlation. J Pediatr Genet. 2020 Mar;9(1):32-39. doi: 10.1055/s-0039-1694703. Epub 2019 Aug 12.

54- Baysal M, Demirci U, Umit E, Kirkizlar HO, Atli EI, **Gurkan H**, Gulsaran SK, Bas V, Mail C, Demir AM. Concepts of Double Hit and Triple Hit Disease in Multiple Myeloma, Entity and Prognostic Significance. Sci Rep. 2020 Apr 6;10(1):5991. doi: 10.1038/s41598-020-62885-0.

55- **Hakan Gurkan**, Emine Ikbal Atli, Engin Atli, Leyla Bozatli, Menguhan Araz Altay, Sinem Yalcintepe, Yasemin Ozen, Damla Eker, Cisem Mail, Selma Demir, Isik Gorker. Routine Chromosomal Microarray Analysis is Necessary in Turkish Patients with Unexplained Developmental Delay/Intellectual Disability Disorder. Noro Psikiyatr Ars. 2020 May 5;57(3):177-191. doi: 10.29399/npa.24890. eCollection 2020 Sep.PMID: 32952419

56- Bademci G, Abad C, Cengiz FB, Seyhan S, Incesulu A, Guo S, Fitoz S, Atli EI, Gosstola NC, Demir S, Colbert BM, Seyhan GC, Sineni CJ, Duman D, **Gurkan H**, Morton CC, Dykxhoorn DM, Walz K, Tekin M. Long-range cis-regulatory elements controlling GDF6 expression are essential for cochlear development. J Clin Invest. 2020 May 5. pii: 136951. doi: 10.1172/JCI136951.

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COMPUTER SKILLS

Word, Excel, Powerpoint, Outlook: Excellent

LANGUAGE SKILLS

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