

CURRICULUM VITAE

Name and Surname: MÜJGAN ÖZDEMİR ERDOĞAN

Academic Title: Professor Dr.

Work Address:

Email: mujgan.erdogan@afsu.edu.tr

Certificates Received: Eğiticinin Eğitimi
Qiagen Bionformatics "Workshop"
Probleme Dayalı Öğrenme Eğitim Programı
Hybrid Course in Integration of Cytogenetics, Microarrays and Massive Sequencing in Biomedical and Clinical Research Hibrid Kursu
Application of Realtime PCR Course
Embriyo Manipulasyonu ve Temel Hücre Kültür Teknikleri Kursu
Deneysel Araştırma "Workshop"

Degree	Department/Program	University	Year
Doctorate	TIBBİ GENETİK (DR)	Eskişehir Osmangazi University	2008
Doctorate	TIBBİ GENETİK (TIP) (DR)	Afyon Kocatepe University	Continues
Master's Degree	TIBBİ BİYOLOJİ (YL) (TEZLİ)	Eskişehir Osmangazi University	2001
Bachelor's Degree	TIBBİ BİYOLOJİK BİLİMLER BÖLÜMÜ	İstanbul University	1998

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Lösemili olgularda telomeraz enzim aktivitesi

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Postmenopozal kadınlarda kemik mineral yoğunluğu ile östrojen reseptör alfa ve kollajen tip 1 alfa 1 gen polimorfizmlerinin ilişkisi

Position Title	Workplace	Year
Professor Dr.	Afyonkarahisar Health Sciences University	2019-Continues
Associate Professor	Afyon Kocatepe University	2014-2019
Assistant Professor	Afyon Kocatepe University	2011-2016
Lecturer Dr.	Afyon Kocatepe University	2001-2011

Supervised Master's Theses:

1. Evaluation of factor V G1691a, factor II20210a, MTHFR C677t and factor V H1299r mutations in women with recurrent pregnancy loss (2022)
2. Investigation of the effects of transmembrane protein 18 (tmem18) and neural growth regulator 1 (NEGR1) gene polymorphisms on body mass index in obese individuals. (2017)
3. Investigation of interleukin-23 receptor gene polymorphism in patients with ankylosing spondylitis (2014)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Investigating genetic variations in families with bipolar disorder (2023)
 2. Investigation of the relationship between toll-like receptors and signaling pathway components and disease pathology in multiple myeloma (2022)
 3. Investigation of the effect of nucleotide binding and oligomerization domain 2 (Nod2) gene variants on development and severity of chronic obstructive pulmonary disease (COPD) (2015)
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Roles in Projects:

1. *Investigation of the Effect of Brugmansia Plant on Exosomal miRNA Profile in Breast Cancer*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2025-Continues.
2. *Investigation of the Antibacterial and Anti-Quorum Sensing Effects of Gallium Species and Their Anticancer Effects on Breast Cancer, and Determination of Their Therapeutic Product Potential*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2024-2026.
3. *Genetic Investigation of Collagen Structure Abnormalities in Patients with Degenerative Meniscus Tears Compared to Patients with Traumatic Meniscus Tears*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2024-2025.
4. *Ülkemizde RhD Varyantlarının Genetik Olarak Tanımlanmasına Yönelik Yöntemin Geliştirilmesi*, Association (NGO), Eker İ. (Executive), Öner Ö., Aşlar Öner D., Karaosmanoğlu C., Andıç N., Tüfekçi Ö., Yılmaz A. F., Demirkan F., Yıldız S. H., Özdemir Erdoğan M. vd., 2022-2025.
5. *Investigation of the Therapeutic Effects of 8 Molecules in a 3D Breast Cancer Model*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2023-2024.
6. *INVESTIGATION OF THE THERAPEUTIC EFFECTS OF 60 MOLECULES OBTAINED FROM MEDICINAL AND AROMATIC PLANTS IN A 3D BREAST CANCER MODEL*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2022-2024.
7. *Examining the Relationship Between Retinitis Pigmentosa and Bipolar Disorder*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2021-2024.
8. *Investigation of the hepatoregenerative effects of Scoparone in an experimental mouse liver fibrosis model*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2020-2023.
9. *Investigating Genetic Variations in Families with Bipolar Disorder*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2020-2023.
10. *Investigation of Genetic Data in Patients with Neural Tube Defects*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2021-2022.
11. *Investigation of the Relationship Between Toll-Like Receptors and Signaling Pathway Components and Disease Pathology in Multiple Myeloma*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2019-2022.
12. *Whole Mitochondrial DNA Sequencing Analysis in Patients with Degenerative Meniscus Tears*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2020-2022.
13. *The relationship between kisspeptin and endometrial polyps.*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2021-2022.
14. *The relationship between metformin treatment and leukocyte telomere length in patients with Polycystic Ovary Syndrome (PCOS)*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2020-2022.
15. *Investigation of the Distribution of PKD1, PKD2, and GANAB Genes in Autosomal Dominant Polycystic Kidney Disease Patients in the Turkish Population*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2019-2022.
16. *Evaluation of Factor V G1691A, Factor II G20210A, MTHFR C677T, and Factor V H1299R Mutations in Women with Recurrent Pregnancy Loss*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2019-2021.

17. *Investigation of the Frequency of STOX1 Gene Y153H Polymorphism in Preeclampsia Patients*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2019-2021.
18. *Investigation of the Synergistic Effect of Hsp90 and Histone Deacetylase Inhibitors in Prostate Cancer Cell Lines*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2016-2019.
19. *INVESTIGATION OF EPIGENETIC ALTERATIONS IN THE KLOTHO GENE IN CATARACT CASES*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2016-2019.
20. *Effect of GSK3B Inhibitor on Maintenance DNMT Enzyme in Colon Cancer Cell Line*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2016-2019.
21. *Epigenetic regulation of the CDH1 gene in prostate cancer cell lines via post-translational histone modifications.*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2016-2019.
22. *Afyonkarahisar Endemiği Themopsis turcica dan izole edilen doğal bileşiklerin insan kanser hücre hatlarında anti kanser potansiyelinin araştırılması*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2015-2019.
23. *The Effect of E-cadherin DNA Methylation on the Apoptotic Pathway in Prostate Cancer Cell Lines*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2016-2018.
24. *The Effect of Beta-catenin İnhibitor on DNMT1 Expression Level*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2016-2017.
25. *Investigation of Major Gene Polymorphisms Associated with Age-Related Macular Degeneration in Our Population*, TUBITAK Project, Özdemir Erdoğan M., 2012-2017.
26. *Investigation of the Effects of Transmembrane Protein 18 TMEM18 and Neural Growth Regulator 1 NEGR1 Gene Polymorphisms on Body Mass Index in Obese Individuals*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2015-2017.
27. *The Effect of Multiple Signaling Pathways on DNMT1 Expression in Colorectal Cancers*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2015-2016.
28. *Evaluation of prepro orexin gene polymorphism in patients with fibromyalgia syndrome*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2012-2016.
29. *Investigation of the Relationship Between Psoriasis and Serum MIF Levels and MIF Gene Polymorphisms*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2014-2015.
30. *Investigation of Macrophage Migration Inhibitor Factor Levels and Gene Polymorphisms in Psoriasis Patients*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2014-2015.
31. *Investigation of Disease-Associated Polymorphisms in Patients with Androgenetic Alopecia*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2013-2015.
32. *The Effect of NOD2 Nucleotide Binding and Oligomerization Domain 2 Gene Variants on the Development and Severity of Chronic Obstructive Pulmonary Disease (COPD)*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2013-2015.
33. *Investigation of CTLA4 and MYG1 Gene Polymorphisms in Patients Diagnosed with Vitiligo*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2014-2015.
34. *Investigation of the Association of RORA ROBO1 CFH and HTR1A Gene Polymorphisms with Age-Related Macular Degeneration*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2013-2014.
35. *The Association Between Vitamin D Levels and CYP27B1 Gene Polymorphism with Multiple Sclerosis*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2013-2014.
36. *Investigation of Interleukin 23 Receptor Gene Polymorphism in Patients with Ankylosing Spondylitis*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2013-2014.
37. *Depresyonlu olgularda antidepresan tedavisine yanıt üzerine HTR1A ve HTR2A gen polimorfizmlerinin etkisinin araştırılması*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2011-2014.

38. *Investigation of the association between CYP2D6, CYP2C19, and CYP3A4 gene polymorphisms and response to antidepressant treatment and the development of side effects in patients diagnosed with depression*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2011-2014.
39. *Investigation of the Effects of MC4R Melanocortin 4 Receptor and FTO Fat Mass and Obesity Gene Polymorphisms on Body Mass Index in Obese Patients*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2011-2014.
40. *Şizofreni tanılı olgularda 5HT 2A geni polimorfizmlerinin araştırılması*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2011-2012.
41. *Investigation of the Association of Apolipoprotein E (APO E) and Interleukin 1 Alpha Gene (C 889 T) Polymorphisms with Alzheimer's Disease in Patients with Possibly Diagnosed Alzheimer's*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2006-2009.
42. *Investigation of Vitamin D Receptor Gene and Aggreacan Gene Polymorphisms in Patients with Degenerative Disc Herniation*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2006-2009.
43. *The Relationship Between Bone Mineral Density and Estrogen Receptor Alpha and Collagen Type I Alpha 1 Gene Polymorphisms in Postmenopausal Women*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2006-2009.
44. *The Relationship Between Vitamin D Receptor APAL Polymorphism and Osteoporosis*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2005-2008.
45. *Investigation of Aggreacan Gene Polymorphism in Patients with Degenerative Disc Herniation*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2005-2007.
46. *Analysis of C677T and A1298C mutations in the MTHFR gene in patients with neural tube defects*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M., 2002-2007.
47. *The Importance of Procalcitonin (PCT) and C-reactive protein (CRP) Levels in Differentiating Urinary Tract Infections*, Project Supported by Higher Education Institutions, Özdemir Erdoğan M. (Executive), 2002-2003.
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Administrative Duties:

1. Institute Director - Afyonkarahisar Health Sciences University (2024 - 2025)
 2. Head of Main Science/Science Department - Afyonkarahisar Health Sciences University (2020 - 2023)
 3. Deputy Institute Director - Afyonkarahisar Health Sciences University (2018 - 2024)
 4. Deputy Institute Director - Afyon Kocatepe University (2017 - 2018)
 5. Other Administrative Task - Afyon Kocatepe University (2015 - 2016)
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PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. Akcali N., Yıldız S. H., Özdemir Erdoğan M., Eslamkhah S., Elmas M., Pehlivan A., Solak M., "Whole exome-based variant profiling and functional network characterization in neural tube defects", *Child's Nervous System*, vol. 41, no. 1, 2025.
- A2. Avcı K., Özdemir Erdoğan M., Yıldız S. H., Yavaşoğlu F., "Cytotoxic Effects of the Combination of Pam3CSK4 with Carfilzomib, Ixazomib, and Venetoclax in Human Multiple Myeloma Cells", *Molecular Biology*, vol. 58, no. 6, pp. 1268-1279, 2024.
- A3. Paltacı Ş., Kayacık Günday Ö., Özdemir Erdoğan M., Fırat F., Yalçın G., Akçalı N., "Analysis of the immunohistochemical and genetic expression pattern of kisspeptin in endometrial polyps Analýza imunohistochemického a genetického vzorce exprese kisspeptinu v endometriálních polypech", *Ceska Gynekologie*, vol. 89, no. 4, pp. 269-277, 2024.
- A4. Kayacık Günday Ö., Özdemir Erdoğan M., Pehlivan A., Yılmaz M., "The effect of metformin treatment on leukocyte telomere length in patients with polycystic ovary syndrome: a prospective case-control study", *Journal of Assisted Reproduction and Genetics*, vol. 39, no. 9, pp. 2153-2161, 2022.
- A5. Dunder M., Fahrioglu U., Yıldız S. H., Bakir-gungor B., Temel S. G., Akin H., Artan S., Cora T., Sahin F. I., Dursun A. vd., "Clinical and molecular evaluation of MEFV gene variants in the Turkish population: a study by the National Genetics Consortium", *Functional and Integrative Genomics*, vol. 22, no. 3, pp. 291-315, 2022.
- A6. Manav V., Doğruk Kaçar S., Özügüz P., Yıldız S. H., Özdemir Erdoğan M., Köken T., "Investigation of macrophage migration inhibitory factors and gene polymorphisms in patients with psoriasis Psoriazisli hastalarda makrofaj migrasyon inhibitör faktör düzeyi

ve gen polimorfizmlerinin araştırılması", *Turkderm Turkish Archives of Dermatology and Venereology*, vol. 55, no. 3, pp. 102-107, 2021.

A7. Yıldız M., Terzi H., Yıldız S. H., Varol N., Özdemir Erdoğan M., Kasap M., Akçalı N., Solak M., "Proteomic analysis of the anticancer effect of various extracts of endemic thermopsis turcica in human cervical cancer cells", *Turkish Journal of Medical Sciences*, vol. 50, no. 8, pp. 1993-2004, 2020.

A8. Ağaoglu N. B., Varol N., Yıldız S. H., Karaosmanoğlu C., Duman R., Özdemir Erdoğan M., Solak M., "Relationship between SIRT1 gene expression level and disease in age-related cataract cases", *Turkish Journal Of Medical Sciences*, vol. 49, no. 4, pp. 1068-1072, 2019.

A9. Elmas M., Yıldız S. H., Özdemir Erdoğan M., Gogus B., Avcı K., Solak M., "Comparison of clinical parameters with whole exome sequencing analysis results of autosomal recessive patients; a center experience", *Molecular Biology Reports*, vol. 46, no. 1, pp. 287-299, 2019.

A10. Özdemir Erdoğan M., Avcı K., Yıldız S. H., Arıkan Söylemez E. S., Söylemez Z., Varol N., Solak M., "Effect of gene polymorphisms in transmembrane protein 18 (TMEM18) and neuronal growth regulator 1 (NEGR1) on body mass index in obese subjects", *Biotechnology and Biotechnological Equipment*, vol. 32, no. 6, pp. 1567-1574, 2018.

A11. Yıldız S. H., Özdemir Erdoğan M., Artan S., Solak M., Yaman M., Ozbabalık B. D., Arıkan Söylemez E. S., "Association of Alzheimer's Disease with APOE and IL-1 α Gene Polymorphisms", *American Journal of Alzheimer's Disease and other Dementias*, vol. 30, no. 8, pp. 756-761, 2015.

A12. Solak Ö., Özdemir Erdoğan M., Yıldız H., Ulaşlı A. M., Yaman F., Arıkan Söylemez E. S., Ulu S., Dündar Ü., Solak M., "Assessment of opioid receptor μ 1 gene A118G polymorphism and its association with pain intensity in patients with fibromyalgia", *Rheumatology International*, vol. 34, no. 9, pp. 1257-1261, 2014.

A13. Eser O., Eser B., Cosar M., Özdemir Erdoğan M., Aslan A., Yıldız S. H., Solak M., Haktanir A., "Short aggrecan gene repetitive alleles associated with lumbar degenerative disc disease in Turkish patients", *Genetics and Molecular Research*, vol. 10, no. 3, pp. 1923-1930, 2011.

A14. Özdemir Erdoğan M., Yıldız H., Artan S., Solak M., Taşcıoğlu F., Dündar Ü., Eser B., Çolak E., "Association of estrogen receptor alpha and collagen type I alpha 1 gene polymorphisms with bone mineral density in postmenopausal women", *Osteoporosis International*, vol. 22, no. 4, pp. 1219-1225, 2011.

A15. Dündar Ü., Solak M., Kavuncu V., Özdemir Erdoğan M., Cakir T., Yıldız H., Evcik D., "Evidence of association of Vitamin D receptor Apa I gene polymorphism with bone mineral density in postmenopausal women with osteoporosis", *Clinical Rheumatology*, vol. 28, no. 10, pp. 1187-1191, 2009.

A16. Evirgen N., Solak M., Dereköy S., Özdemir Erdoğan M., Yıldız S. H., Eser B., Arıkan Söylemez E. S., Erkoç A., "Genotyping for Cx26 and Cx30 mutations in cases with congenital hearing loss", *Genetic Testing*, vol. 12, no. 2, pp. 253-256, 2008.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Kurtoglu E. L., Aslan S., Karaosmanoğlu C., Göçer S., Özdemir Erdoğan M., Yıldız S. H., SCOPARONE KARACİĞER FİBROZUNDA ANTİ-İNFLAMATUAR SİTOKİN SEVİYELERİNİ ETKİLER Mİ, In: *CUKUROVA 12th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE*, Türkiye, 2024.

B2. Varol N., Yıldız S. H., Karaosmanoğlu C., Özdemir Erdoğan M., ONCOGENIC ROLE OF SEPTIN-9 GENE IN BLADDER CANCER CELLS, In: *8th INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCES*, Kosovo, 2023.

B3. Paltacı Ş. İ., Kayacık Günday Ö., Özdemir Erdoğan M., Fırat F., Yalçın G. Ş., KISSPEPTIN VE ENDOMETRİYAL POLİP İLİSKİSİ, In: *9-11 Haziran 2023 241. ULUSAL VE 2. ULUSLARARASI ZEYNEP KAMİL JİNEKO-PATOLOJİ KONGRESİ*, İstanbul, Türkiye, 2023.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Özdemir Erdoğan M., Yıldız S. H., "All Aspects Of Celiac Disease And Its Managements, Holistence Publications", *Genetic Basis of Celiac Disease*, Holistence Publications, Çanakkale, 2024.

C2.2. Yıldız S. H., Özdemir Erdoğan M., "Genetik Materyal, Yapısı, Türleri ve Protein Sentezi", *Moleküler Biyoloji ve Genetik*, TÜBA - TÜRKİYE BİLİMLER AKADEMİSİ, Ankara, 2023.

C2.3. Özdemir Erdoğan M., Yıldız S. H., Yücel A., Yıldırım A. M., Arıkan Y., Birinci Ş., "Advanced Molecular Diagnostics, Testing Devices and Materials", *MEDICAL DEVICES AND SUPPLIES*, ANADOLU ÜNİVERSİTESİ Web-Ofset Tesisleri, Eskişehir, 2017.

C2.4. Yıldız S. H., Özdemir Erdoğan M., Yücel A., Yıldırım A. M., Arıkan Y., Birinci Ş., "Advanced Molecular Diagnostics, Testing Devices and Materials", *MEDICAL DEVICES AND SUPPLIES*, AÇIKÖĞRETİM FAKÜLTESİ YAYINI, Eskişehir, 2015.

D. Articles published in national peer-reviewed journals:

D1. Arıkan Söylemez E. S., Söylemez Z., Elmas M., Özdemir Erdoğan M., "CDH1 Gene Expression Alterations in Prostate Cancer Cell Lines After DAC And TSA Applications", *ACTA SCIENTIFIC GASTROINTESTINAL DISORDERS*, vol. 5, no. 12, pp. 8-15, 2022.

D2. Arıkan Söylemez E. S., Özdemir Erdoğan M., Solak M., "ÜÇ BOYUTLU GENOM ORGANİZASYONUNA GENEL BAKIŞ", *Kocatepe Tıp Dergisi*, vol. 20, no. 1, pp. 208-216, 2019.

D3. Yıldız S. H., Ulaşlı A. M., Özdemir Erdoğan M., Dıkıcı Ö., Arıkan Söylemez E. S., Dündar Ü., Solak M., "Assessment of pain sensitivity in patients with chronic low back pain and association with HTR2A gene polymorphism", *Archives of Rheumatology*, vol. 32, no. 1, pp. 3-9, 2017.

E. Papers presented at national scientific meetings and published in proceedings:

E1. Eker İ., Aşlar Öner D., Öner Ö., Karaosmanoğlu C., Andıç N., Tüfekçi Gürocak Ö., Yılmaz A. F., Demirkan F., Yıldız S. H., Özdemir Erdoğan M. vd., TÜRK POPÜLASYONUNDA RHD VARYANTLARININ MOLEKÜLER KARAKTERİZASYONU: POPÜLASYONA ÖZGÜ TANI STRATEJİLERİ GELİŞTİRMEYE YÖNELİK ÇOK MERKEZLİ BİR ÇALIŞMA, In: *51. Ulusal Hematoloji Kongresi*, Antalya, Türkiye, 2025, pp. 193-194.

E2. Yıldız S. H., Özdemir Erdoğan M., Fıstık T., Arıkan Söylemez E. S., Karaosmanoğlu C., Ağır osteoporoz şikayeti olan bir turner sendromu olgusu, In: *XV. ULUSAL TIBBİ BİYOLOJİ VE GENETİK KONGRESİ*, Türkiye, 2017.

E3. Pehlivan A., Yıldız S. H., Özoğuz P., Özdemir Erdoğan M., Doğruk Kaçar S., Arıkan Söylemez E. S., Kuşku E., Söylemez Z., Solak M., VİTİLİGO TANILI OLGULARDA CTLA4 VE MYG1 GEN POLİMORFİZMLERİNİN İNCELENMESİ, In: *14. ULUSAL TIBBİ BİYOLOJİ VE GENETİK KONGRESİ (ULUSLARARASI KATILIMLI)*, Türkiye, 2015.

E4. Özdemir Erdoğan M., Çankaya Toy T. Ş., Ulaşlı A. M., Yıldız S. H., Arıkan Söylemez E. S., Çavdar T., Çavdar T., Avcı K., Pehlivan A., Solak M., ANKİLOZAN SPONDİLİTLİ HASTALARDA İNTERLÖKİN- 23 RESEPTÖR GENİ rs11209032 POLİMORFİZMİNİN İNCELENMESİ, In: *11. ULUSAL TIBBİ GENETİK KONGRESİ*, İstanbul, Türkiye, 2014.

E5. Elmas M., Yıldız S. H., Özdemir Erdoğan M., Topak A., Gürhan Tahta E., Şen T. A., Pehlivan A., Pehlivan A., Avcı K., Solak M., DİSTAL ARTROGRİPOZİS TİP 1A SENDROMLU BİR OLGU SUNUMU, In: *ERİŞKİN YAŞTA GÖRÜLEN GENETİK HASTALIKLAR SEMPOZYUMU*, İstanbul, Türkiye, 2013.