Prof. AHMET OKAY ÇAĞLAYAN

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: D-1066-2012
ScopusID: 16641940600
Yoksis Researcher ID: 218863

Biography

I am a Professor of Medical Genetics and clinical geneticist with specific interest in neurodevelopmental disorders. I have extensive experience in next-generation and high-throughput molecular genetics, with special focus on the use of homozygosity mapping, linkage analysis and whole-exome sequencing in recessive forms of structural and functional abnormalities of the brain. I have successfully detected rare and somatic genetic variant identification in diverse range of diseases using high-throughput and next-generation genomics approaches at Yale. In the last ten years, I have published papers in Cell, Science, Nature, Nature Genetics and Neuron including one of the first successful applications of exome sequencing in the identification of genetic basis of recessive forms of structural and functional abnormalities of the brain.

I have served as a member of editorial boards, a reviewer in top-tier journals and conferences, and was invited to serve as a program committee member for international workshops and conferences as well. I established Medical Genetics Department and giving lectures to under and post graduate students, assisting in seminar groups or laboratories, and grading. Teaching activities are drawn from a diverse menu of lecture, laboratory, and seminar courses given at the undergraduate, graduate, and medical school level.

Education Information

Expertise In Medicine, Erciyes University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2003 - 2007
Undergraduate, Eskisehir Osmangazi University, Tıp Fakültesi, Tıp Pr., Turkey 1997 - 2001

Certificates, Courses and Trainings

Vocational Training, Publons Academy Peer Reviewer, Publons Academy, 2020

Research Areas

Medicine, Childrens Mental Health and Disorders, Child Health and Diseases, Neurology, Medical Genetics, Obstetrics and Gynecology, Bioinformatics, Molecular Biology and Genetics, Neurosystems

Academic Titles / Tasks

Professor, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Moleküler Tıp Anabilim Dalı (Disiplinlerarası), 2019 - Continues
Professor, Demiroğlu Bilim Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2018 - 2019
Associate Professor, Istanbul Bilim University, School Of Medıcıne, Department Of Internal Medıcıne, 2015 - 2017

Academic and Administrative Experience

Deputy Chief Physician, Dokuz Eylul University, Uygulama Ve Araştırma Hastanesi, Dahili Tıp Bilimleri, 2023 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, 2022 - Continues
Member of the Commission, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, 2022 - Continues
Ethics Committee Member, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2021 - Continues
Director of the Center, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2021 - Continues
Merkez Laboratuvar Başkan Yardımcısı, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2020 - Continues
Anabilim Dalı Akademik Kurul Üyesi, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü, 2019 - Continues
Anabilim Dalı Akademik Kurul Üyesi, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2019 - Continues
Head of Department, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2023 - 2023
Genetik Testler Muayene Komisyonu Asil Üyesi, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2023 - 2023
Assistant Director of the Institute, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, 2022 - 2023
Enstitü Yönetim Kurulu Üyesi, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, 2022 - 2023
Istanbul Bilim University, 2015 - 2019
Istanbul Bilim University, 2015 - 2017

Courses

Tıbbi Genetik, Undergraduate, 2022 - 2023, 2021 - 2022, 2016 - 2017
Tıbbi Biyoloji ve Genetik, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Tıbbi Biyoloji ve Genetik, Undergraduate, 2015 - 2016

Jury Memberships

Expertise In Medicine, Expertise In Medicine, Ege Üniversitesi, June, 2024
Doctorate, Doctorate, Ege Üniversitesi, January, 2024
Doctorate, Doctorate, İzmir Biyotıp ve Genom Merkezi, November, 2023
Doctorate, Doctorate, Ege Üniversitesi, October, 2023
Doctoral Examination, Doctoral Examination, Ege Üniversitesi, October, 2023
Expertise In Medicine, Expertise In Medicine, Ege Üniversitesi, September, 2023
Expertise In Medicine, Expertise In Medicine, Dokuz Eylül Üniversitesi, August, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İstanbul Medipol Üniversitesi, July, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İstanbul Medipol Üniversitesi, July, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship,

Balıkesir Üniversitesi, June, 2023
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Acıbadem Mehmet Ali Aydınlar Üniversitesi, June, 2023
Expertise In Medicine, Expertise In Medicine, Dokuz Eylül Üniversitesi, June, 2023
Associate Professor Exam, Associate Professor Exam, Sağlık Bilimleri Üniversitesi, May, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Balıkesir Üniversitesi, March, 2023
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İstanbul Üniversitesi, February, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Sağlık Bilimleri Üniversitesi, February, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Afyonkarahisar Sağlık Bilimleri Üniversitesi, February, 2023
Competition, TEKNOFEST Sağlık ve İlk Yardım Kategorisi-2023, Teknofest, January, 2023
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, January, 2023
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Bezmiâlem Vakıf Üniversitesi, December, 2022
Associate Professor Exam, Associate Professor Exam, Trakya Üniversitesi, December, 2022
Competition, TEKNOFEST Sağlıkta Yapay Zekâ Yarışmaları-2023, Teknofest, December, 2022
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, October, 2022
Doctorate, Doctorate, Ege Üniversitesi, August, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Van Yüzüncü Yıl Üniversitesi, August, 2022
Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, July, 2022
Competition, TEKNOFEST HAVACILIK, UZAY VE TEKNOLOJİ FESTİVALİ SAĞLIKTA YAPAY ZEKÂ YARIŞMASI, Dokuz Eylül Üniversitesi, June, 2022
Associate Professor Exam, Associate Professor Exam, Afyon Kocatepe Üniversitesi, June, 2022
Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, June, 2022
Competition, TEKNOFEST HAVACILIK, UZAY VE TEKNOLOJİ FESTİVALİ, Dokuz Eylul University, April, 2022
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, December, 2021
Doctoral Examination, Doctoral Examination, Ege Üniversitesi, October, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, September, 2021
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, August, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ege Üniversitesi, August, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ege Üniversitesi, July, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Lokman Hekim Üniversitesi, July, 2021
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, May, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Balıkesir Üniversitesi, February, 2021
Doctorate, Doctorate, İstanbul Üniversitesi, December, 2020
Doctoral Examination, Doctoral Examination, Ege Üniversitesi, October, 2020
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, October, 2020
Doctoral Examination, Doctoral Examination, Ege Üniversitesi, October, 2020
Doctorate, Doctorate, İstanbul Üniversitesi, July, 2020
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, March, 2020
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, August, 2019
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, September, 2018
Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, June, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Investigation of genotype-phenotype and familial features of Turkish dystrophinopathy patients.**
Ozkalayci H., Bora E., Cankaya T., Kocabey M., Zubari N. C., Yis U., Giray Bozkaya O., Turan S., Pekcanlar Akay A., Caglayan A. O., et al.
Neurogenetics, 2024 (SCI-Expanded)

II. **Clinical and Molecular Analysis in Patients with Peutz-Jeghers Syndrome**
Aslan P. G., ÇAĞLAYAN A. O., BORA E., KOÇ A., YÜCEL H., ÜLGENALP A., ÖZTÜRK Y., ŞEKER G., AKARSU M.
Turkish Journal of Gastroenterology, vol.35, no.5, pp.374-384, 2024 (SCI-Expanded)

III. **Genetic, serological and clinical evaluation of childhood myasthenia syndromes- single center subgroup analysis experience in Turkey**
Özsoy Ö., Cinleti T., Günay Ç., Sarıkaya Uzan G., Giray Bozkaya Ö., Çağlayan A. O., Hız Kurul S., Yiş U.
Acta Neurologica Belgica, vol.123, no.6, pp.2325-2335, 2023 (SCI-Expanded)

IV. **Phenotypic comparison of a novel variant (p.P164R) and A founder mutation (c.748+1G>A) in Warburg Micro syndrome**
Cinleti T., Sarıkaya Uzan G., Bürçe B., Küçümen Y., Yalçın H. Y., Gürsoy S., Yiş U., Çağlayan A. O., Giray Bozkaya Ö.
NEUROLOGY ASIA, vol.28, no.4, pp.1085-1094, 2023 (SCI-Expanded)

V. **Genetic evaluation of 50 Turkish patients with neurofibromatosis type 1: 2 years experience of a single center**
Kocabey M., Özkalaycı H., Çankaya T., Yılmaz Uzman C., Çağlayan A. O., Ülgenalp A., Erçal M. D.
International Journal of Developmental Neuroscience, vol.83, no.5, pp.456-465, 2023 (SCI-Expanded)

VI. **MIRAGE syndrome in a 10-year-old girl with a novel Lys1024Glu missense variant in SAMD9**
Cinleti T., Gülen A., Sönmez B., Gürsoy S., Boyacioğlu Ö. K., Asilsoy S., Ulgenalp A., Bozkaya Ö., Çağlayan A. O.
CLINICAL DYSMORPHOLOGY, no.3, pp.133-138, 2023 (SCI-Expanded)

VII. **Clinical Heterogeneity in Patients with Long QT Syndrome and Segregation of Single Nucleotide Variants and Clinical Symptoms in 17 Affected Families**
Bora E., Bulut A. Y., Çankaya T., Cinleti T., Genç H. Z., Özcan E. E., Özpelit E., Ülgenalp A., Çağlayan A. O.
MOLECULAR SYNDROMOLOGY, 2023 (SCI-Expanded)

VIII. **Investigation of different genomic variants in familial Mediterranean fever cases with monoallelic MEFV mutation.**
Kocabey M., Cankaya T., Bayram M. T., Ulgenalp A., Caglayan A. O., Giray Bozkaya Ö.
Clinical and experimental rheumatology, 2023 (SCI-Expanded)

IX. **An investigation of the etiology and follow-up findings in 35 children with overgrowth syndromes, including biallelic SUZ12 variant.**
Yüksel Ülker A., Uludağ Alkaya D., Çağlayan A. O., Usluer E., Aykut A., Aslanger A., Vural M., Tüysüz B.
American journal of medical genetics. Part A, 2023 (SCI-Expanded)

X. **Unexpected finding in kidney biopsy of a child with nephrotic proteinuria: Questions**
Bayram M., Yildiz G., Cağlayan A. O., Ulgenalp A., Unlu S. M., Soylu A., Kavukcu S.
PEDIATRIC NEPHROLOGY, no.1, pp.113-114, 2023 (SCI-Expanded)

XI. **Unexpected finding in kidney biopsy of a child with nephrotic proteinuria: Answers**
Bayram M., Yildiz G., Cağlayan A. O., Ulgenalp A., Unlu S. M., Soylu A., Kavukcu S.
PEDIATRIC NEPHROLOGY, no.1, pp.115-117, 2023 (SCI-Expanded)

XII. **Hemoglobin A(1C) can differentiate subjects with GCK mutations among patients suspected to have MODY.**
Yılmaz Uzman C., Erbaş İ. M., Giray Bozkaya Ö., Paketçi A., Çağlayan A. O., Abacı A., Kulalı M. A., Böber E., Kekilli A., Çinleti T., et al.
Journal of pediatric endocrinology & metabolism : JPEM, vol.35, no.12, pp.1528-1536, 2022 (SCI-Expanded)

XIII. **Human COQ4 deficiency: delineating the clinical, metabolic and neuroimaging phenotypes.**
Laugwitz L., Seibt A., Herebian D., Peralta S., Kienzle I., Buchert R., Falb R., Gauck D., Müller A., Grimmel M., et al.
Journal of medical genetics, vol.59, no.9, pp.878-887, 2022 (SCI-Expanded)

XIV. **Biallelic BICD2 variant is a novel candidate for Cohen-like syndrome.**
Caglayan A. O., Tuysuz B., Gül E., Alkaya D. U., Yalcinkaya C., Gleeson J. G., Bilguvar K., Gunel M.
Journal of human genetics, vol.67, no.9, pp.553-556, 2022 (SCI-Expanded)

XV. **Analysis of genotype-phenotype correlation in Walker-Warburg syndrome with a novel CRPPA mutation in different clinical manifestations**
Bayram N., Bayram A. K., Per H., Gümüş H., Ozsaygili C., Dogan M. S., Çağlayan A. O.
EUROPEAN JOURNAL OF OPHTHALMOLOGY, vol.32, no.5, 2022 (SCI-Expanded)

XVI. **Congenital Myasthenic Syndromes in Turkey: Clinical and Molecular Characterization of 16 Cases With Three Novel Mutations.**
Öztürk S., Güleç A., Erdoğan M., Demir M., Canpolat M., Gümüş H., Çağlayan A. O., Dündar M., Per H.
Pediatric neurology, vol.136, pp.43-49, 2022 (SCI-Expanded)

XVII. **Clinical and molecular evaluation of MEFV gene variants in the Turkish population: a study by the National Genetics Consortium**
Dundar M., Fahrioglu U., Yildiz S. H., Bakir-Gungor B., Temel S. G., Akin H., Artan S., Cora T., Sahin F. I., Dursun A., et al.
FUNCTIONAL & INTEGRATIVE GENOMICS, vol.22, no.3, pp.291-315, 2022 (SCI-Expanded)

XVIII. **Evaluation of hereditary/familial breast cancer patients with multigene targeted next generation sequencing panel and MLPA analysis in Turkey**
Bora E., Caglayan A. O., Koc A., Cankaya T., Ozkalayci H., Kocabey M., Kemer D., Aksoy S. Ö., Alicikus Z. A., Başara Akın I., et al.
Cancer Genetics, vol.262-263, pp.118-133, 2022 (SCI-Expanded)

XIX. **Importance of multigene panel test in patients with consanguineous marriage and family history of breast cancer**
Ozmen V., Çağlayan A. O., Yararbas K., Ordu C., Aktepe F., Ozmen T., Ilgun A. S., Soybir G., Alco G., Tsaousis G. N., et al.
ONCOLOGY LETTERS, vol.23, no.4, 2022 (SCI-Expanded)

XX. **Further delineation of familial polycystic ovary syndrome (PCOS) via whole-exome sequencing: PCOS-related rare FBN3 and FN1 gene variants are identified.**
Karakaya C., Çil A. P., Bilguvar K., Çakir T., Karalok M. H., Karabacak R. O., Caglayan A. O.
The journal of obstetrics and gynaecology research, 2022 (SCI-Expanded)

XXI. **Clinical and genetic studies of thiamine metabolism dysfunction syndrome-4: case series and review of the literature.**
Samur B. M., Gümüş G., Canpolat M., Gümüş H., Per H., Cağlayan A. O.
Clinical dysmorphology, 2022 (SCI-Expanded)

XXII. **Familial clustering of nasopharyngeal carcinoma in the family of an adolescent with nasopharyngeal carcinoma**
Kara B., Ertan K., Düzova M., ÇAĞLAYAN A. O., Köksal Y.
Turkish Journal of Pediatrics, vol.64, no.6, pp.1130-1135, 2022 (SCI-Expanded)

XXIII. **A novel homozygous frameshift mutation in the TUSC3 gene identified in siblings with intellectual disability.**
Özmansur E. N., Pedük Y., Gümüş H., Çağlayan A. O., Per H.
Clinical dysmorphology, vol.31, pp.36-38, 2022 (SCI-Expanded)

XXIV. **Clinical Features, Treatment and Outcome of Childhood Glial Tumors.**
Kara B., Ertan K., Karabagli P., Karabagli H., Yavas G., Caglayan A. O., Koksal Y.
Turkish neurosurgery, vol.32, pp.135-142, 2022 (SCI-Expanded)

XXV. **Cerebral developmental venous anomalies in children with mismatch repair deficiency.**
Kara B., Paksoy Y., Çağlayan A. O., Seher N., Akbaş H., Köksal Y.
The Turkish journal of pediatrics, vol.64, no.6, pp.1106-1116, 2022 (SCI-Expanded)

XXVI. **Peripheral Expression of MACROD2 Gene Is Reduced Among a Sample of Turkish Children with Autism Spectrum Disorder**
Alnak A., Ozucer I. K., ÇAĞLAYAN A. O., COŞKUN M.
PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, vol.31, no.3, pp.261-269, 2021 (SCI-Expanded)

XXVII. **Biallelic ZNF335 mutations cause basal ganglia abnormality with progressive cerebral/cerebellar atrophy.**
ÇAĞLAYAN A. O., Yaghouti K., Kockaya T., Kemer D., ÇANKAYA T., Ameziane N., ÇOĞULU M. Ö., ÇOKER M., YALÇINKAYA C.
Journal of neurogenetics, vol.35, no.1, pp.23-28, 2021 (SCI-Expanded)

XXVIII. **METAP1mutation is a novel candidate for autosomal recessive intellectual disability**
ÇAĞLAYAN A. O., Aktar F., Bilguvar K., Baranoski J. F., Akgumus G. T., Harmanci A. S., Erson-Omay E. Z., Yasuno K., ÇAKSEN H., Gunel M.
JOURNAL OF HUMAN GENETICS, vol.66, no.2, pp.215-218, 2021 (SCI-Expanded)

XXIX. **Nasopharyngeal carcinoma in a child with Kartagener's syndrome**
Kara B., Seher N., Karanis M. I. E., KOPLAY M., ARTAÇ H., Koc M., ÇAĞLAYAN A. O., KÖKSAL Y.
TURKISH JOURNAL OF PEDIATRICS, vol.63, no.1, pp.155-160, 2021 (SCI-Expanded)

XXX. **Expanding the clinical and genetic spectrum of ALPK3 variants: Phenotypes identified in pediatric cardiomyopathy patients and adults with heterozygous variants**
Herkert J. C., Verhagen J. M. A., Yotti R., Haghighi A., Phelan D. G., James P. A., Brown N. J., Stutterd C., Macciocca I., Leong K., et al.
AMERICAN HEART JOURNAL, vol.225, pp.108-119, 2020 (SCI-Expanded)

XXXI. **COQ4 Mutation Leads to Childhood-Onset Ataxia Improved by CoQ10 Administration**
ÇAĞLAYAN A. O., GÜMÜŞ H., Sandford E., Kubisiak T. L., Ma Q., Ozel A. B., PER H., Li J. Z., Shakkottai V. G., Burmeister M.
CEREBELLUM, vol.18, no.3, pp.665-669, 2019 (SCI-Expanded)

XXXII. **MAB21L1 loss of function causes a syndromic neurodevelopmental disorder with distinctive cerebellar, ocular, craniofacial and genital features (COFG syndrome)**
Rad A., Altunoglu U., Miller R., Maroofian R., James K. N., ÇAĞLAYAN A. O., Najafi M., Stanley V., Boustany R., YEŞİL SAYIN G., et al.
JOURNAL OF MEDICAL GENETICS, vol.56, no.5, pp.332-339, 2019 (SCI-Expanded)

XXXIII. **Loss of Protocadherin-12 Leads to Diencephalic-Mesencephalic Junction Dysplasia Syndrome**
Guemez-Gamboa A., ÇAĞLAYAN A. O., Stanley V., Gregor A., Zaki M. S., Saleem S. N., Musaev D., McEvoy-Venneri J., Belandres D., Akizu N., et al.
ANNALS OF NEUROLOGY, vol.84, no.5, pp.638-647, 2018 (SCI-Expanded)

XXXIV. **Biallelic loss of human CTNNA2, encoding alpha N-catenin, leads to ARP2/3 complex overactivity and disordered cortical neuronal migration**
Schaffer A. E., Breuss M. W., ÇAĞLAYAN A. O., Al-Sanaa N., Al-Abdulwahed H. Y., Kaymakcalan H., Yilmaz C., Zaki M. S., Rosti R. O., Copeland B., et al.
NATURE GENETICS, vol.50, no.8, pp.1093-1107, 2018 (SCI-Expanded)

XXXV. **Homozygous CAPN1 mutations causing a spastic-ataxia phenotype in 2 families**
Kocoglu C., Gundogdu A., Kocaman G., KAHRAMAN KOYTAK P., ULUÇ K., Kiziltan G., ÇAĞLAYAN A. O., Bilguv K., Vural A., Basak A. N.
NEUROLOGY-GENETICS, vol.4, no.1, 2018 (SCI-Expanded)

XXXVI. **Disruptions in asymmetric centrosome inheritance and WDR62-Aurora kinase B interactions in primary microcephaly**
Sgourdou P., Mishra-Gorur K., Saotome I., Henagariu O., Tuysuz B., Campos C., Ishigame K., Giannikou K., Quon J. L., Sestan N., et al.
SCIENTIFIC REPORTS, vol.7, 2017 (SCI-Expanded)

XXXVII. **Biallelic mutations in the 3 ' exonuclease TOE1 cause pontocerebellar hypoplasia and uncover a role in snRNA processing**
Lardelli R. M., Schaffer A. E., Eggens V. R. C., Zaki M. S., Grainger S., Sathe S., Van Nostrand E. L., Schlachetzki Z., Rosti B., Akizu N., et al.
NATURE GENETICS, vol.49, no.3, pp.457-464, 2017 (SCI-Expanded)

XXXVIII. **Impaired Amino Acid Transport at the Blood Brain Barrier Is a Cause of Autism Spectrum Disorder**
Tarlungeanu D. C., Deliu E., Dotter C. P., Kara M., Janiesch P. C., Scalise M., Galluccio M., Tesulov M., Morelli E.,

Sonmez F. M., et al.
CELL, vol.167, no.6, pp.1481-1512, 2016 (SCI-Expanded)

XXXIX. **Biallelic Mutations in TMTC3, Encoding a Transmembrane and TPR-Containing Protein, Lead to Cobblestone Lissencephaly**
Jerber J., Zaki M. S., Al-Aama J. Y., Rosti R. O., Ben-Omran T., Dikoglu E., Silhavy J. L., ÇAĞLAR C., Musaev D., Albrecht B., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.99, no.5, pp.1181-1189, 2016 (SCI-Expanded)

XL. **Mutations in MBOAT7, Encoding Lysophosphatidylinositol Acyltransferase I, Lead to Intellectual Disability Accompanied by Epilepsy and Autistic Features**
Johansen A., Rosti R. O., Musaev D., Sticca E., Harripaul R., Zaki M., ÇAĞLAYAN A. O., Azam M., Sultan T., Froukh T., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.99, no.4, pp.912-916, 2016 (SCI-Expanded)

XLI. **Biallelic Mutations in Citron Kinase Link Mitotic Cytokinesis to Human Primary Microcephaly**
Li H., Bielas S. L., Zaki M. S., Ismail S., Farfara D., Um K., Rosti R. O., Scott E. C., Tu S., Chi N. C., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.99, no.2, pp.501-510, 2016 (SCI-Expanded)

XLII. **A patient with a novel homozygous missense mutation in FTO and concomitant nonsense mutation in CETP**
ÇAĞLAYAN A. O., Tuysuz B., Coskun S., Quon J., Harmanci A. S., Baranoski J. F., Baran B., Erson-Omay E. Z., Henegariu O., Mane S. M., et al.
JOURNAL OF HUMAN GENETICS, vol.61, no.5, pp.395-403, 2016 (SCI-Expanded)

XLIII. **Genome-Wide Association and Exome Sequencing Study of Language Disorder in an Isolated Population**
Kornilov S. A., Rakhlin N., Koposov R., Lee M., Yrigollen C., ÇAĞLAYAN A. O., Magnuson J. S., Mane S., Chang J. T., Grigorenko E. L.
PEDIATRICS, vol.137, no.4, 2016 (SCI-Expanded)

XLIV. **Clinical, Electrodiagnostic, and Genetic Features of Tangier Disease in an Adolescent Girl with Presentation of Peripheral Neuropathy**
PER H., CANPOLAT M., Bayram A. K., Ulgen E., Baran B., KARDAŞ F., GÜMÜŞ H., Kumandas S., Bilguvar K., ÇAĞLAYAN A. O.
NEUROPEDIATRICS, vol.46, no.6, pp.420-423, 2015 (SCI-Expanded)

XLV. **A rare case of congenital fibrosis of extraocular muscle type IA due to KIF2IA mutation with Marcus Gunn jaw-winking phenomenon**
Bayram A. K., PER H., Quon J., CANPOLAT M., Uelgen E., Dogan H., GÜMÜŞ H., Kumandas S., Bayram N., Bilguvar K., et al.
EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, vol.19, no.6, pp.743-746, 2015 (SCI-Expanded)

XLVI. **The Effects of Ketogenic Diet on Seizures, Cognitive Functions, and Other Neurological Disorders in Classical Phenotype of Glucose Transporter 1 Deficiency Syndrome**
GÜMÜŞ H., Bayram A. K., KARDAŞ F., CANPOLAT M., ÇAĞLAYAN A. O., Kumandas S., KENDİRCİ M., PER H.
NEUROPEDIATRICS, vol.46, no.5, pp.313-320, 2015 (SCI-Expanded)

XLVII. **Somatic POLE mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis**
Erson-Omay E. Z., ÇAĞLAYAN A. O., Schultz N., Weinhold N., Omay S. B., ÖZDUMAN K., Koksal Y., Li J., Harmanci A. S., Clark V., et al.
NEURO-ONCOLOGY, vol.17, no.10, pp.1356-1364, 2015 (SCI-Expanded)

XLVIII. **NGLY1 mutation causes neuromotor impairment, intellectual disability, and neuropathy**
ÇAĞLAYAN A. O., Comu S., Baranoski J. F., Parman Y., Kaymakcalan H., Akgumus G. T., ÇAĞLAR C., Dolen D., Erson-Omay E. Z., Harmanci A. S., et al.
EUROPEAN JOURNAL OF MEDICAL GENETICS, vol.58, no.1, pp.39-43, 2015 (SCI-Expanded)

XLIX. **Mutations in KATNB1 Cause Complex Cerebral Malformations by Disrupting Asymmetrically Dividing Neural Progenitors**
Mishra-Gorur K., ÇAĞLAYAN A. O., Schaffer A. E., Chabu C., Henegariu O., Vonhoff F., Akguemues G. T., Nishimura S.,

Han W., Tu S., et al.
NEURON, vol.84, no.6, pp.1226-1239, 2014 (SCI-Expanded)

L. **Brain Malformations Associated With Knobloch Syndrome-Review of Literature, Expanding Clinical Spectrum, and Identification of Novel Mutations**
ÇAĞLAYAN A. O., Baranoski J. E., Aktar F., Han W., Tuysuz B., Guzel A., Guclu B., Kaymakcalan H., Aktekin B., Akgumus G. T., et al.
PEDIATRIC NEUROLOGY, vol.51, no.6, pp.806-813, 2014 (SCI-Expanded)

LI. **Autosomal recessive spastic tetraplegia caused by AP4M1 and AP4B1 gene mutation: Expansion of the facial and neuroimaging features**
Tuysuz B., Bilguvar K., KOÇER N., YALÇINKAYA C., ÇAĞLAYAN A. O., Guel E., Sahin S., Comu S., Guenel M.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.164, no.7, pp.1677-1685, 2014 (SCI-Expanded)

LII. **CLP1 Founder Mutation Links tRNA Splicing and Maturation to Cerebellar Development and Neurodegeneration**
Schaffer A. E., Eggens V. R. C., ÇAĞLAYAN A. O., Reuter M. S., Scott E., Coufal N. G., Silhavy J. L., Xue Y., Kayserili H., Yasuno K., et al.
CELL, vol.157, no.3, pp.651-663, 2014 (SCI-Expanded)

LIII. **Exome Sequencing Links Corticospinal Motor Neuron Disease to Common Neurodegenerative Disorders**
Novarino G., Fenstermaker A. G., Zaki M. S., Hofree M., Silhavy J. L., Heiberg A. D., Abdellateef M., Rosti B., Scott E., Mansour L., et al.
SCIENCE, vol.343, no.6170, pp.506-511, 2014 (SCI-Expanded)

LIV. **Whole-exome sequencing identified a patient with TMCO1 defect syndrome and expands the phenotic spectrum**
ÇAĞLAYAN A. O., PER H., Akgumus G., GÜMÜŞ H., Baranoski J., CANPOLAT M., ÇALIK M. A., Yikilmaz A., Bilguvar K., Kumandas S., et al.
CLINICAL GENETICS, vol.84, no.4, pp.394-395, 2013 (SCI-Expanded)

LV. **Genomic Analysis of Non-NF2 Meningiomas Reveals Mutations in TRAF7, KLF4, AKT1, and SMO**
Clark V. E., Erson-Omay E. Z., Serin A., Yin J., Cotney J., Oezduman K., Avsar T., Li J., Murray P. B., Henegariu O., et al.
SCIENCE, vol.339, no.6123, pp.1077-1080, 2013 (SCI-Expanded)

LVI. **Mutations in LAMB1 Cause Cobblestone Brain Malformation without Muscular or Ocular Abnormalities**
Radmanesh F., ÇAĞLAYAN A. O., Silhavy J. L., Yilmaz C., Cantagrel V., Omar T., Rosti B., Kaymakcalan H., Gabriel S., Li M., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.92, no.3, pp.468-474, 2013 (SCI-Expanded)

LVII. **Recessive loss of function of the neuronal ubiquitin hydrolase UCHL1 leads to early-onset progressive neurodegeneration**
Bilguvar K., Tyagi N. K., ÖZKARA Ç., Tuysuz B., Bakircioglu M., Choi M., Delil S., ÇAĞLAYAN A. O., Baranoski J. F., Erturk O., et al.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.110, no.9, pp.3489-3494, 2013 (SCI-Expanded)

LVIII. **A NEW PATIENT WITH ANDERMANN SYNDROME: AN UNDERDIAGNOSED CLINICAL GENETICS ENTITY?**
Degerliyurt A., Akgumus G., ÇAĞLAR C., Bilguvar K., ÇAĞLAYAN A. O.
GENETIC COUNSELING, vol.24, no.3, pp.283-289, 2013 (SCI-Expanded)

LIX. **A new syndrome of microtia with unilateral renal agenesis and short stature**
ÇAĞLAYAN A. O., Stevens S. J. C., Albrechts J. C. M., DÜNDAR M., Engelen J.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.158A, no.8, pp.1837-1840, 2012 (SCI-Expanded)

LX. **High frequency of p.Thr93Met in Smith-Lemli-Opitz syndrome patients in Turkey**
Kalb S., ÇAĞLAYAN A. O., Degerliyurt A., Schmid S., Ceylaner S., Hatipoglu N., Hinderhofer K., Rehder H., Kurtoglu S., Ceylaner G., et al.
CLINICAL GENETICS, vol.81, no.6, pp.598-601, 2012 (SCI-Expanded)

LXI. **Idiopathic hirsutism: local and peripheral expression of aromatase (CYP19A) and 5 alpha-reductase genes (SRD5A1 and SRD5A2)**
ÇAĞLAYAN A. O., DÜNDAR M., Tanriverdi F., Baysal N. A., ÜNLÜHİZARCI K., ÖZKUL Y., BORLU M., Batukan C., Kelestimur F.
FERTILITY AND STERILITY, vol.96, no.2, pp.479-482, 2011 (SCI-Expanded)

LXII. **Recessive LAMC3 mutations cause malformations of occipital cortical development**
Barak T., Kwan K. Y., Louvi A., Demirbilek V., SAYGI S., Tuysuz B., Choi M., Boyaci H., Doerschner K., Zhu Y., et al.
NATURE GENETICS, vol.43, no.6, pp.590-596, 2011 (SCI-Expanded)

LXIII. **The Essential Role of Centrosomal NDE1 in Human Cerebral Cortex Neurogenesis**
Bakircioglu M., Carvalho O. P., Khurshid M., Cox J. J., Tuysuz B., Barak T., Yilmaz S., ÇAĞLAYAN A. O., DİNÇER A., Nicholas A. K., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.88, no.5, pp.523-535, 2011 (SCI-Expanded)

LXIV. **ANIRIDIA PHENOTYPE AND MYOPIA IN A TURKISH BOY WITH A PAX6 GENE MUTATION**
ÇAĞLAYAN A. O., Robinson D.
GENETIC COUNSELING, vol.22, no.2, pp.155-159, 2011 (SCI-Expanded)

LXV. **A BOY WITH CLASSICAL RUBINSTEIN-TAYBI SYNDROME BUT NO DETECTABLE MUTATION IN THE CREBBP AND EP300 GENES**
ÇAĞLAYAN A. O., Lechno S., GÜMÜŞ H., Bartsch O., Fryns J. P.
GENETIC COUNSELING, vol.22, no.4, pp.341-346, 2011 (SCI-Expanded)

LXVI. **Different aspects of atrial fibrillation genetics**
ÇAĞLAYAN A. O.
INTERACTIVE CARDIOVASCULAR AND THORACIC SURGERY, vol.11, no.6, pp.779-783, 2010 (SCI-Expanded)

LXVII. **Magnetic Resonance Spectroscopy in Two Siblings with Chorea-Acanthocytosis**
İSMAİLOĞULLARI S., ÇAĞLAYAN A. O., Bader B., Danek A., Korkmaz S., Sharifov E., Kurnaz F., Aksu M.
MOVEMENT DISORDERS, vol.25, no.16, pp.2894-2897, 2010 (SCI-Expanded)

LXVIII. **CYTOGENETIC RESULTS OF 153 PATIENTS WITH MENTAL RETARDATION IN MIDDLE ANATOLIA IN TURKEY**
ÇAĞLAYAN A. O., Ozyazgan I., Demiryilmaz F., GÜMÜŞ H.
PEDIATRIC RESEARCH, vol.68, pp.409, 2010 (SCI-Expanded)

LXIX. **GPR56-related bilateral frontoparietal polymicrogyria: further evidence for an overlap with the cobblestone complex**
Bahi-Buisson N., Poirier K., Boddaert N., Fallet-Bianco C., Specchio N., Bertini E., ÇAĞLAYAN A. O., Lascelles K., Elie C., Rambaud J., et al.
BRAIN, vol.133, pp.3194-3209, 2010 (SCI-Expanded)

LXX. **THE FIRST TURKISH CASE OF GLUCOSE TRANSPORTER TYPE 1 DEFICIENCY SYNDROME (GLUT 1D) WITH MOLECULAR STUDIES**
GÜMÜŞ H., ÇAĞLAYAN A. O., PER H., Kumandas S., Engelstad K., Kardes F., De Vivo D.
PEDIATRIC RESEARCH, vol.68, pp.338, 2010 (SCI-Expanded)

LXXI. **Whole-exome sequencing identifies recessive WDR62 mutations in severe brain malformations**
Bilguvar K., Ozturk A. K., Louvi A., Kwan K. Y., Choi M., Tatli B., YALNIZOĞLU D., Tuysuz B., ÇAĞLAYAN A. O., GÖKBEN S., et al.
NATURE, vol.467, no.7312, pp.207-211, 2010 (SCI-Expanded)

LXXII. **Maternal uniparental isodisomy is responsible for serious molybdenum cofactor deficiency**
GÜMÜŞ H., Ghesquiere S., Per H., KONDOLOT M., Ichida K., Poyrazoglu G., Kumandas S., Engelen J., DÜNDAR M., ÇAĞLAYAN A. O.
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.52, no.9, pp.868-872, 2010 (SCI-Expanded)

LXXIII. **A Very Rare Neurocutaneous Disorder in 2 Siblings: Sjogren-Larsson Syndrome**
ÇAĞLAYAN A. O., Gumus H.
JOURNAL OF CHILD NEUROLOGY, vol.25, no.8, pp.1003-1005, 2010 (SCI-Expanded)

LXXIV. **MEFV gene compound heterozygous mutations in familial Mediterranean fever phenotype: a retrospective clinical and molecular study**

ÇAĞLAYAN A. O., Demiryilmaz F., Ozyazgan I., Gumus H.
NEPHROLOGY DIALYSIS TRANSPLANTATION, vol.25, no.8, pp.2520-2523, 2010 (SCI-Expanded)

LXXV. **Are heterochromatin polymorphisms associated with recurrent miscarriage?**
ÇAĞLAYAN A. O., Ozyazgan I., Demiryilmaz F., ÖZGÜN M. T.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.36, no.4, pp.774-776, 2010 (SCI-Expanded)

LXXVI. **Expression of WT1 gene in multiple myeloma patients at diagnosis: is WT1 gene expression a useful marker in multiple myeloma?**
Saatci C., ÇAĞLAYAN A. O., KOÇYİĞİT İ., Akalin H., Kaynar L. G., ALTUNTAŞ F., Eser B., Demir M., Cetin M., ÖZKUL Y.
HEMATOLOGY, vol.15, no.1, pp.39-42, 2010 (SCI-Expanded)

LXXVII. **Genetic causes of syndromic and non-syndromic autism**
ÇAĞLAYAN A. O.
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.52, no.2, pp.130-138, 2010 (SCI-Expanded)

LXXVIII. **AUTISM WITH DEL15p.11.1: CASE REPORT WITH A NEW CYTOGENETIC FINDING**
ÇAĞLAYAN A. O., GÜMÜŞ H.
GENETIC COUNSELING, vol.21, no.2, pp.199-204, 2010 (SCI-Expanded)

LXXIX. **A UNIQUE CASE OF A PATIENT WITH PARTIAL TRISOMY 22 AND LIPODYSTROPHY: IS IT A NEW SYNDROME DUE TO AN IGF-IR MUTATION?**
ÇAĞLAYAN A. O., Klammt J., Kiess W., HATİPOĞLU N., Pfaeffle R., Kurtoglu S., Saatci C., DÜNDAR M.
GENETIC COUNSELING, vol.21, no.2, pp.187-197, 2010 (SCI-Expanded)

LXXX. **A CASE WITH A RARE CHROMOSOMAL ABNORMALITY: ISOCHROMOSOME 18p**
DÜNDAR M., ÇAĞLAYAN A. O., Saatci C., Cetin Z., ARSLAN K., Uzak A. S.
GENETIC COUNSELING, vol.21, no.1, pp.69-74, 2010 (SCI-Expanded)

LXXXI. **The Deletion Polymorphism of the Angiotensin-Converting Enzyme Gene Is Associated with Acute Aortic Dissection**
KALAY N., ÇAĞLAYAN A. O., Akkaya H., Ozdogru I., DOĞAN A., İNANÇ M. T., Kaya M. G., ERGİN A., Topsakal R., Cicek D., et al.
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.219, no.1, pp.33-37, 2009 (SCI-Expanded)

LXXXII. **Frank-ter Haar syndrome with unusual clinical features**
DÜNDAR M., Saatci C., Tasdemir S., Akcakus M., ÇAĞLAYAN A. O., ÖZKUL Y.
EUROPEAN JOURNAL OF MEDICAL GENETICS, vol.52, no.4, pp.247-249, 2009 (SCI-Expanded)

LXXXIII. **Detection of p16 promotor hypermethylation in "Maras powder" and tobacco users**
Saatci C., ÇAĞLAYAN A. O., ÖZKUL Y., Tahiri S., Turhan A. B., DÜNDAR M.
CANCER EPIDEMIOLOGY, vol.33, no.1, pp.47-50, 2009 (SCI-Expanded)

LXXXIV. **Inherited diseases and syndromes leading to aortic aneurysms and dissections**
ÇAĞLAYAN A. O., DÜNDAR M.
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.35, no.6, pp.931-940, 2009 (SCI-Expanded)

LXXXV. **Lack of association between the Glu298Asp polymorphism of endothelial nitric oxide synthase and slow coronary flow in the Turkish population**
ÇAĞLAYAN A. O., KALAY N., Saatci C., Yalcin A., Akalin H., DÜNDAR M.
CANADIAN JOURNAL OF CARDIOLOGY, vol.25, no.3, 2009 (SCI-Expanded)

LXXXVI. **FLUORESCENCE IN SITU HYBRIDIZATION AND SINGLE NUCLEOTIDE POLYMORPHISM OF A NEW CASE WITH INV DUP DEL(8p)**
ÇAĞLAYAN A. O., Engelen J. J. M., Ghesquiere S., Alofs M., Saatci C., Dunbar M.
GENETIC COUNSELING, vol.20, no.4, pp.333-340, 2009 (SCI-Expanded)

LXXXVII. **CAN HETEROCHROMATIN POLYMORPHISM OF CHROMOSOME 6 AFFECT FERTILITY?**
ÇAĞLAYAN A. O., ÖZGÜN M. T., Demiryilmaz F., Ozyazgan I.
GENETIC COUNSELING, vol.20, no.2, pp.203-206, 2009 (SCI-Expanded)

LXXXVIII. **A PROVISIONALLY UNIQUE SYNDROME WITH FEATURES INCLUDING "MOLAR TOOTH" SIGN AND "FEMORAL HYPOPLASIA"**
ÇAĞLAYAN A. O., Gumus H., Yikilmaz A., Gumus G. O., Per H.
GENETIC COUNSELING, vol.20, no.4, pp.359-365, 2009 (SCI-Expanded)

LXXXIX. **MIXED GONADAL DYSGENESIS WITH 45,X/46,X,IDIC(Y)/46,XY,IDIC(Y) KARYOTYPE**
ÇAĞLAYAN A. O., Demiryilmaz F., Kendirci M., Ozyazgan I., Akalin H., Bittmann S.
GENETIC COUNSELING, vol.20, no.2, pp.173-179, 2009 (SCI-Expanded)

XC. **The Relationship Between Slow Coronary Flow and Angiotensin Converting Enzyme and ATIIR1 Gene Polymorphisms**
Yalcin A. A., KALAY N., ÇAĞLAYAN A. O., Kayaalti F., Duran M., Ozdogru I., İNANÇ M. T., DOĞAN A., Basar E., OĞUZHAN A.
JOURNAL OF THE NATIONAL MEDICAL ASSOCIATION, vol.101, no.1, pp.40-45, 2009 (SCI-Expanded)

XCI. **Down syndrome like appearance with a novel de novo translocation t(6;21)(q21;q13)**
DÜNDAR M., ÇAĞLAYAN A. O., Saatci C., ARSLAN K., ÖZKUL Y.
INDIAN JOURNAL OF MEDICAL RESEARCH, vol.128, no.5, pp.666-668, 2008 (SCI-Expanded)

XCII. **Apolipoprotein E3/E3 Genotype Decreases the Risk of Pituitary Dysfunction after Traumatic Brain Injury due to Various Causes: Preliminary Data**
Tanriverdi F., TAHERİ S., ULUTABANCA H., ÇAĞLAYAN A. O., ÖZKUL Y., DÜNDAR M., SELÇUKLU A., ÜNLÜHİZARCI K., Casanueva F. F., Kelestimur F.
JOURNAL OF NEUROTRAUMA, vol.25, no.9, pp.1071-1077, 2008 (SCI-Expanded)

XCIII. **Holt-Oram syndrome in two generations with translocation t(9;15)(p12;q11.2)**
ÇAĞLAYAN A. O., Koklu E., Saatci C., GÜNEŞ T., ÖZKUL Y., Narin N., BAYKAN A., DÜNDAR M., Buyukkayhan D.
ANNALS OF SAUDI MEDICINE, vol.28, no.3, pp.209-212, 2008 (SCI-Expanded)

XCIV. **Clinical and radiographic delineation of odontochondrodysplasia**
Unger S., Antoniazzi F., Brugnara M., ALANAY Y., ÇAĞLAYAN A. O., Lachlan K., Ikegawa S., Nishimura G., Zabel B., Spranger J., et al.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, vol.146A, no.6, pp.770-778, 2008 (SCI-Expanded)

XCV. **ICR1 epimutations in 11p15 are restricted to patients with Silver-Russell syndrome features**
Eggermann T., Meyer E., ÇAĞLAYAN A. O., DÜNDAR M., Schoenherr N.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.21, no.1, pp.59-62, 2008 (SCI-Expanded)

XCVI. **CAN THE CLASSICAL EUCHROMATIC VARIANTS OF 9q12/qh+ CAUSE RECURRENT ABORTIONS?**
Duadar M., Caglaian A. O., Saatci C., Batukan C., Basbug M., ÖZKUL Y.
GENETIC COUNSELING, vol.19, no.3, pp.281-286, 2008 (SCI-Expanded)

XCVII. **The effect of maras powder on DNA methylation and micronucleus formation in human buccal tissue**
Saatci C., ÖZKUL Y., Tahiri S., ÇAĞLAYAN A. O., Turhan A. B., DÜNDAR M.
JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A-CURRENT ISSUES, vol.71, no.6, pp.396-404, 2008 (SCI-Expanded)

XCVIII. **SCOLIOSIS, BLINDNESS AND ARACHNODACTYLY IN A LARGE TURKISH FAMILY: IS IT A NEW**
DÜNDAR M., Erkilic K., Argun M., ÇAĞLAYAN A. O., Comeglio P., Koseoglu E., Matyas G., Child A. H.
GENETIC COUNSELING, vol.19, no.3, pp.319-330, 2008 (SCI-Expanded)

XCIX. **Scoliosis, blindness and arachnodactyly in a large Turkish family: Is it a new syndrome?**
Dundar M., Erkilic K., Argun M., Caglayan A. O., Comeglio P., Koseoglu E., Matyas G., Child A.
GENETIC COUNSELING, vol.19, pp.319-330, 2008 (SCI-Expanded)

C. **How the I1307K adenomatous polyposis coli gene variant contributes in the assessment of risk of colorectal cancer, but not stomach cancer, in a Turkish population**
DÜNDAR M., ÇAĞLAYAN A. O., Saatci C., Karaca H., Baskol M., Tahiri S., ÖZKUL Y.
CANCER GENETICS AND CYTOGENETICS, vol.177, no.2, pp.95-97, 2007 (SCI-Expanded)

CI. **Molybdenum cofactor deficiency: Clinical features in a Turkish patient**
Per H., Gumus H., Ichida K., ÇAĞLAYAN A. O., Kumandas S.
BRAIN & DEVELOPMENT, vol.29, no.6, pp.365-368, 2007 (SCI-Expanded)

CII. **Sacrococcygeal teratoma in a fetus with prenatally diagnosed partial trisomy 10q (10q24.3 -> qter) and partial monosomy 17p (p13.3 -> pter)**
Batukan C., ÖZGÜN M. T., Basbug M., ÇAĞLAYAN A. O., DÜNDAR M., Murat N.
PRENATAL DIAGNOSIS, vol.27, no.4, pp.365-368, 2007 (SCI-Expanded)

CIII. **Prenatal diagnosis of a fetus with partial trisomy 7p**

ÖZGÜN M. T., Batukan C., Basbug M., Akgun H., ÇAĞLAYAN A. O., DÜNDAR M.
FETAL DIAGNOSIS AND THERAPY, vol.22, no.3, pp.229-232, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. **Peripheral Expression of ADORA2A Is Increased and Is Correlated with Autism Spectrum Disorder Severity in a Sample of Turkish Children**
Akköprü H., Alnak A., Karadoğan Z. N., ÇAĞLAYAN A. O., Özçetin M., Coşkun M.
Psychiatry and Clinical Psychopharmacology, vol.33, no.1, pp.14-19, 2023 (Scopus)

II. **Childhood-Onset Neurodegeneration with Cerebellar Atrophy Syndrome: Severe Neuronal Degeneration and Cardiomyopathy with Loss of Tubulin Deglutamylase Cytosolic Carboxypeptidase 1**
Samur M. B., Ercan-Sencicek A. G., Gumus H., Ali G. G., Baykan B., Caglayan A. O., Per H.
JOURNAL OF PEDIATRIC NEUROLOGY, 2022 (ESCI)

III. **Genetic alterations and pathways in patients with Hereditary Angioedema of Unknown Cause (U-HAE)**
Kaymakçalan Çelebiler H., Alp H., Çağlayan A. O., Gülbahar O., Mete Gökmen E. N., Nikerel İ. E.
MARMARA MEDICAL JOURNAL, vol.34, no.3, pp.274-278, 2021 (ESCI)

IV. **ALPK3 gene mutation in a patient with congenital cardiomyopathy and dysmorphic features**
ÇAĞLAYAN A. O., Sezer R. G., Kaymakcalan H., Ulgen E., Yavuz T., Baranoski J. F., Bozaykut A., Harmanci A. S., Yalcin Y., Youngblood M. W., et al.
COLD SPRING HARBOR MOLECULAR CASE STUDIES, vol.3, no.5, 2017 (ESCI)

V. **Two female siblings with West syndrome: Familial idiopathic West syndrome with genetic susceptibility and variable phenotypic expression**
ÇAĞLAYAN A. O., GÜMÜŞ H., Kato M.
JOURNAL OF PEDIATRIC NEUROSCIENCES, vol.5, no.2, pp.147-149, 2010 (ESCI)

VI. **A female case with multicystic dysplastic kidney: new findings, genetic counseling, and literature review**
ÇAĞLAYAN A. O., GÜMÜŞ H., Erdogan I.
CENTRAL EUROPEAN JOURNAL OF UROLOGY, vol.63, no.3, pp.151-152, 2010 (ESCI)

VII. **Epidermolytic palmoplantar keratoderma due to keratin 9 gene mutation (Arg163Trp)**
Caglayan A. O., Uksal U., Hennies H.
EUROPEAN JOURNAL OF PEDIATRIC DERMATOLOGY, vol.19, pp.95-96, 2009 (Scopus)

VIII. **A case of partial trisomy 13 with features similar to 'C' Syndrome**
ÇAĞLAYAN A. O., Kokiu E., Saatci C., Kurtoglu S., ÖZKUL Y., DÜNDAR M.
ERCIYES MEDICAL JOURNAL, vol.29, no.2, pp.159-163, 2007 (ESCI)

IX. **Frequency of the common G985A mutation in the medium-chain acyl-CoA dehydrogenase gene in Turkish population**
ÇAĞLAYAN A. O.
ERCIYES MEDICAL JOURNAL, vol.29, no.4, pp.263-267, 2007 (ESCI)

X. **A case of partial trisomy 13 with features similar to 'xxC'xx Syndrome**
ÇAĞLAYAN A. O.
ERCIYES MEDICAL JOURNAL, vol.29, no.2, pp.159-163, 2007 (ESCI)

Books & Book Chapters

I. **Yeni Nesil Dizileme ve Klinikteki Uygulamaları**
Çağlayan A. O. (Editor)
Güneş Tıp Kitabevi, Ankara, 2024

II. **Yeni Nesil Dizileme Verilerinin Yorumlanması**
Kocabey M., Ülgenalp A., Çağlayan A. O.
in: Yeni Nesil Dizileme ve Klinikteki Uygulamaları, Prof. Dr. Ahmet Okay Çağlayan,Dr. Zafer Yüksel, Editor, Güneş Tıp Kitabevi, Ankara, pp.263-277, 2024

III. **Nadir Hastalıklara Multi-omik Yaklaşım**
Küçümen Y., Çağlayan A. O.
in: Yeni Nesil Dizileme ve Klinikteki Uygulamaları, ahmet okay çağlayan,zafer yüksel, Editor, Güneş Tıp Kitabevi, Ankara, pp.674-684, 2024

IV. **Spinoserebellar Ataksilere Genetik Yaklaşım**
Bozkurt S., Çağlayan A. O.
in: Nükleotid Tekrar Artışı Hastalıkları, Prof. Dr. Ayşe Gül ZAMANİ, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.37-47, 2023

V. **Otizm spektrum bozukluklarına multiomik yaklaşım**
KÜÇÜMEN Y., ÇAĞLAYAN A. O.
in: Otizm Spektrum Bozukluklarında Genetik Değerlendirme ve En Son Genetik Çalışmalar, Kaymakçalan H, Editor, Türkiye Klinikleri Tıp Bilimleri Dergisi, pp.29-38, 2022

VI. **Gelecekteki Genom Tabanlı Tarama Yaklaşımları_Realite ve Potansiyel**
ÇAĞLAYAN A. O.
in: Güncel Genetik Tabanlı Tarama Testleri, Haluk Akın, Editor, Türkiye Klinikleri, pp.69-73, 2020

VII. **Meningiomlara Genetik Yaklaşım**
ACAR A., ÇAĞLAYAN A. O.
in: Meningiomlara Genel Bakış, Hakan Hanımoğlu, Serdar Çevik, Şevket Evran, Oğuz Baran, Editor, US Akademi, İzmir, pp.47-60, 2020

VIII. **Anne Sütü ve Epigenetik**
KOÇAK H., ÇAĞLAYAN A. O.
in: Aile Hekimliğinde Anne Sütünün Anne ve Bebek Sağlığı Açısından Önemi, Telatar B, Editor, Türkiye Klinikleri, Ankara, pp.36-42, 2019

IX. **Boy Kısalığına Yol açan Genetik Bozukluklar**
Çağlayan A. O.
in: Çocuklarda ve Ergenlerde Büyüme, Yusuf Kenan Haspolat,Atilla Büyükgebiz,İlyas Yolbaş,Fesih Aktar, Editor, Orient Yayınları, Ankara, pp.293-324, 2018

X. **Çoklu Konjenital Anomalisi Bulunan Hastalarda Güncel Tanı Yöntemleri: Laboratuvardan Kliniğe**
Çağlayan A. O.
in: Sitogenetik, Aynur Acar, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.47-53, 2018

XI. **Kraniyofasiyal anomaliler**
Çağlayan A. O.
in: Tıbbi Genetik ve Klinik Uygulamaları, Munis Dündar, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.723-752, 2016

XII. **Dysmorphology and Databases**
Çağlayan A. O.
in: Atlas of Dysmorphology and Diagnosis, Munis Dundar, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.499-512, 2015

XIII. **Lomber dejeneratif disk hastalığında genetik etiopatogenez ve güncel genetik tedavi yöntemleri**
Çağlayan A. O.
in: Lomber Dejeneratif Disk Hastalığı, R.K. Koç, Editor, Buluş, Ankara, pp.16-28, 2010

XIV. **Gen Tedavisi**
Çağlayan A. O.
in: Modern Biyoteknoloji ve Uygulamaları, M. Dündar,H. Bağış, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.631-644, 2010

XV. **Moleküler Tıbba Giriş**
Çağlayan A. O.

in: Andreoli and Carpenter's Cecil Essentials of Medicine, Selçuk Mıstık, Editor, Nobel Tıp Kitapevi, İstanbul, pp.2-15, 2008

Refereed Congress / Symposium Publications in Proceedings

I. **Likit Biyopsi Uygulanmış Küçük Hücreli Dişi Akciğer Karsinomu Tanılı Olgularda Test Edilen EGFR Mutasyonlarının Retrospektif Olarak Değerlendirilmesi: Tek Merkez Deneyimi**
Aktan M. B., Ülgenalp A., Çağlayan A. O.
2. Ulusal HematoOnkoGenetik Kongresi, İskele, Cyprus (Kktc), 4 - 07 May 2023, pp.30

II. **Meme Kanseri Gelişiminde Etkili Olabilecek Bir Aday Genin Yeni Nesil Dizileme Yöntemiyle Tespiti**
Özkan E., Yaralı Y. A., Ülgenalp A., Çağlayan A. O.
2. Ulusal HematoOnkoGenetik Kongresi, İskele, Cyprus (Kktc), 4 - 07 May 2023, pp.24

III. **MUTYH Geninde Saptanan Varyantların Spektrumu ve Fenotipik Yansımaları**
Yıldırım R. N., Bora E., Ülgenalp A., Çağlayan A. O.
2. Ulusal HematoOnkoGenetik Kongresi, İskele, Cyprus (Kktc), 4 - 07 May 2023, pp.23

IV. **In Silico Evaluation of Variants of Unknown Significance of the CHEK2 Gene**
Küçümen Y., Koşaca M., Gülen A., Yılmazbilek İ., Ülgenalp A., Karaca Erek E., Çağlayan A. O.
"2. Uluslararası Katılımlı Ulusal HematoOnkoGenetik Kongresi", İskele, Cyprus (Kktc), 4 - 07 May 2023, pp.29

V. **Evaluation of Etiology, Diagnosis, Treatment and Follow-up Results of Patients With Epilepsy Under the Age of Two**
Üstebay D. Ü., Aykol D., Gök A., Soydemir D., Giray Bozkaya Ö., Çağlayan A. O., Hız A. S., Yiş U.
15th European Paediatric Neurology Society Congress, Praha, Czech Republic, 20 - 24 June 2023, pp.269

VI. **Çocukluk çağı miyastenia gravisin genetik, serolojik ve klinik değerlendirmesi- Alt grup analizlerin tek merkez deneyimi**
Özsoy Ö., Cinleti T., Günay Ç., Sarıkaya Uzan G., Giray Bozkaya Ö., Çağlayan A. O., Hız A. S., Yiş U.
24. ULUSAL ÇOCUK NÖROLOJİSİ KONGRESİ , Muğla, Turkey, 17 - 21 May 2023, pp.343

VII. **Entelektüel Yetersizlik Ön Tanılı Hastaların Yeni Nesil Dizileme Yöntemi Ile Araştırılması**
Küçümen Y., Çankaya T., Ülgenalp A., Çağlayan A. O.
"15. Ulusal Tıbbi Genetik Kongresi", Muğla, Turkey, 13 November 2022, pp.65

VIII. **Pah Geni Varyantlarının Retrospektif Olarak Değerlendirilmesi: Tek Merkez Deneyimi**
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15. Ulusal Tıbbi Genetik Kongresi, Muğla, Turkey, 09 November 2022, pp.76

IX. **Primer İmmun Yetmezlik Ön Tanılı Olguların Genetik Altyapısının Yeni Nesil Dizileme Analizi Ile Araştırılması**
Yıldırım R. N., Çankaya T., Giray Bozkaya Ö., Ülgenalp A., Çağlayan A. O.
15. Ulusal Tıbbi Genetik Kongresi, Muğla, Turkey, 09 November 2022, pp.170

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Yaralı Y. A., Giray Bozkaya Ö., Ülgenalp A., Çağlayan A. O.
15. Ulusal Tıbbi Genetik Kongresi, Muğla, Turkey, 09 November 2022, pp.78

XI. **Demans ön tanılı hastaların yeni nesil dizileme panel yöntemi ile araştırılması**
Özkan E., Bora E., Ülgenalp A., Çağlayan A. O.
15. ulusal tıbbi genetik kongresi, Muğla, Turkey, 9 - 13 November 2022, pp.35

XII. **A RARE CAUSE OF COMBINED HEPATIC AND RENAL FAILURE: NPHP19 DUE TO A NOVEL DCDC2 VARIANT IN TWO SIBLINGS**
YILDIZ G., TORUN BAYRAM M., ÇAĞLAYAN A. O., ÜLGENALP A., SOYLU A., KAVUKÇU S.
54th ESPN Annual Meeting, Ljubljana, Slovenia, Slovenia, 22 - 25 June 2022, vol.37, pp.2854-2855

XIII. **Pathogenic variations of MUTYH gene in hereditary cancer cases**
Bora E., Koç A., Kekilli A., Yavuzşen T., Çağlayan A. O., Ülgenalp A.
V. International Participated Erciyes Medical Genetics Days Congress, Nevşehir, Turkey, 20 - 22 February 2020, pp.78

XIV. **Genetic analyses in understanding of renal tubulopathies**
Bora E., Kemer D., Koç A., Bayram M., Çağlayan A. O., Ülgenalp A., Giray Bozkaya Ö.
V. International Participated Erciyes Medical Genetics Days Congress, Kayseri, Turkey, 20 - 22 February 2020, pp.69

XV. **Targeted next generation sequencing analysis of 30 Turkish patients with inherited cardiomyopathies**
BORA E., YILDIZ BULUT A., ÖZPELİT E., Özcan E., ÇAĞLAYAN A. O.
14. Ulusal Tıbbi Genetik Kongresi, Turkey, 20 - 22 November 2020

XVI. **MODY genetics:Novel variants and genotype-phenotype correlation**
ÇANKAYA T., bozkurt S., ATASEVEN KULALI M., KOÇ A., BÖBER E., ABACI A., DEMİR T., ÇAĞLAYAN A. O., ÜLGENALP A., ERÇAL M. D.
V. Uluslararası Katılımlı Erciyes Tıp Genetik Günleri Kongresi, 20 - 22 February 2020

XVII. **TUSC3 Mutasyonu Pozitif Mental Retarde Kardeşler, Vaka Takdimi**
Özmansur E., PEDÜK Y., GÜMÜŞ H., ÇAĞLAYAN A. O., PER H.
5. Bahar Pediatri Günleri Kongresi, Turkey, 5 - 07 March 2020

XVIII. **Identifying Common Pathogenesis of Diseases Using Literature Mined Gene Interactions**
Dinçsoy Ö., ÖZGÜR TÜRKMEN A., ÇAĞLAYAN A. O.
The International Symposium on Health Informatics and Bioinformatics, 17 - 19 October 2019, pp.202-203

XIX. **BRCA1/2 ve Ötesi: Panel Testleri**
ÇAĞLAYAN A. O.
15. Ulusal Meme Hastalıkları Kongresi, Turkey, 17 - 20 October 2019

XX. **Nörogenetik Hastalıklarda Güncel Tedaviler**
ÇAĞLAYAN A. O.
2. Genetikte Güncel Tedaviler Sempozyumu, Turkey, 5 - 06 October 2019

XXI. **MACROD2 gene expression profile in autism spectrum disorder: a case-control study**
Alnak A., Kuşcu Özücer İ., ÇAĞLAYAN A. O., COŞKUN M.
11th International Congress on Psychopharmacology 7th International Symposium on Child and Adolescent Psychopharmacology, 18 - 21 April 2019, vol.29, pp.1-112

XXII. **Severe speech delay in Cohen Syndrome: three novel mutations and the long-term follow-up of nine patients**
Akdeniz B., Gunes N., ULUDAĞ D., Ercan-Sencicek G., ÇAĞLAYAN A. O., Bilguvar K., TÜYSÜZ B.
51st Conference of the European-Society-of-Human-Genetics (ESHG) in conjunction with the European Meeting on Psychosocial Aspects of Genetics (EMPAG), Milan, Italy, 16 - 19 June 2018, vol.27, pp.315-316

XXIII. **Novel gene identification via whole exome sequencing in patients diagnosed with primary autosomal recessive primary microcephaly**
ÇAĞLAYAN A. O.
International Participated Erciyes Medical Genetics Days 2019, Turkey, 21 - 23 February 2019

XXIV. **Otozomal Resesif Primer Mikrosefalilere yaklaşım**
ÇAĞLAYAN A. O.
Erciyes Tıp Genetik Günleri 2019, Turkey, 21 - 23 February 2019

XXV. **CONSTITUTIONAL MISMATCH REPAIR DEFECT SYNDROME**
ÇAĞLAYAN A. O.
Erciyes Medical Genetics Days 2018, Turkey, 7 - 10 March 2018, vol.40, pp.35-79

XXVI. **A NOVEL CENTROMERE PROTEIN F MUTATION IN A PEDIATRIC PATIENT WITH PRESENTATION OF MOTOR AND MENTAL RETARDATION, MICROCEPHALY AND DRUG-RESISTANT EPILEPSY**
BAYRAM A., PER H., GÜMÜŞ H., Gunel M., ÇAĞLAYAN A. O.
32nd International Epilepsy Congress, Barcelona, Spain, 2 - 06 September 2017, vol.58

XXVII. **Nadir Bir Genodermatoz: H Sendromu**
SEZER Ö., KARAGÖZ ÖZEN D. S., DEMİRAĞ M. D., TOTO İ., Öztürk H. P., TOY M. F., Ercan-Şençiçek A. G., ÇAĞLAYAN A. O.
2. Ege Endokrin Hastalıklar ve Genetik Sempozyumu, İzmir, Turkey, 23 - 25 February 2017, pp.1-107

XXVIII. **Severe Walker Warburg syndrome associated with new mutation in ISPD gene identified with whole exome sequencing**
BAYRAM A., PER H., GÜMÜŞ H., Kumandas S., ÇAĞLAYAN A. O.
21st International Congress of the World-Muscle-Society, Granada, Nicaragua, 4 - 08 October 2016, vol.26

XXIX. **Constitutive mismatch repair defect syndrome: New insights from whole exome sequencing data and functional studies**
ÇAĞLAYAN A. O., Omay Z. E. E., Koksal Y., Coskun S., ÜNAL E., PER H., Bilguvar K., Yasuno K., Ostergaard J. R., Gunel M.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

XXX. **FBOX07 mutation with juvenile Parkinsonism and behavioral disorders**
Kuzu M., Durmaz F. N., ULUKAN Ç., Kaymakcalan H., ÇAĞLAYAN A. O., Akbostanci C.
20th International Congress of Parkinson's Disease and Movement Disorders, Berlin, Germany, 19 - 23 June 2016, vol.31

XXXI. **Mikrosefali Ve Atipik Otizm Kliniğine Sahip Üç Kardeş Ve İndeks Olguda Transkripsiyon Ön Başlangıç Mediyatör Kompleks Alt Birim 17 de MED17 Birleşik Heterozigot Mutasyon**
KAÇAR BAYRAM A., PER H., GÜMÜŞ H., GÜNEL M., ÇAĞLAYAN A. O.
18. Ulusal Çocuk Nöroloji Kongresi 2016, Belek/Antalya, Türkiye, Turkey, 20 - 24 April 2016

XXXII. **Tüm eksom dizileme ile Joubert sendromunda moleküler tani**
ERBEK F., ÇAĞLAYAN A. O., Ercan Şençiçek G., Bilguvar K., Günel M., TÜYSÜZ B., YALÇINKAYA C.
3. Nörometabolik dismorfoloji sempozyumu, Turkey, 10 - 12 March 2016

XXXIII. **Yeni nesil dizileme ile mikrosefali hastalarinda bilinen gen mutasyonlari**
GÜNEŞ N., ÇAĞLAYAN A. O., YALÇINKAYA C., Bilguvar K., Günel M., TÜYSÜZ B.
3. Nörometabolik dismorfoloji sempozyumu, Turkey, 10 - 12 March 2016

XXXIV. **Genotype Phenotype Correlation in Twenty Patients from Six Families from Turkey with Camptodactyly Arthropathy Coxavara Pericarditis CACP Syndrome**
Saliha Y., ÇAĞLAYAN A. O., Cemre C., Ekinsu A., KASAPÇOPUR Ö., Günel M., Kaya B., TÜYSÜZ B.
12 th ISDS meeting Istanbul 2015, 29 - 31 July 2015

XXXV. **Üç Kardeş Olguda Merozin Negatif Konjenital Muskuler Distrofi**
KAÇAR BAYRAM A., CANPOLAT M., GÜMÜŞ H., KUMANDAŞ S., BİLGUVAR K., COŞKUN A., ÇAĞLAYAN A. O., PER H.
17. Ulusal Çocuk Nöroloji Kongresi 2015, Turkey, 6 - 09 May 2015

XXXVI. **THE CLASSICAL PHENOTYPE OF GLUCOSE TRANSPORTER-1 DEFICIENCY SYNDROME (GLUT-1 DS): DIFFERENT CLINICAL EXPRESSION AND KETOGENIC DIET RESULTS OF PEDIATRIC PATIENTS**
BAYRAM A., PER H., KARDAŞ F., CANPOLAT M., ÇAĞLAYAN A. O., Kumandas S., KENDİRCİ M., GÜMÜŞ H.
31st International Epilepsy Congress, İstanbul, Turkey, 5 - 09 September 2015, vol.56, pp.87

XXXVII. **Exomic sequencing in cortical malformations**
ÇAĞLAYAN A. O.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22

XXXVIII. **The cytogenetic and DNA damage effects of boric acid a food preservative on pregnant rats and their foetuses**
SAATÇİ Ç., Taşçıoğlu N., Ünal N., ÖRENAY BOYACIOĞLU S., ÇAĞLAYAN A. O., ÖZKUL Y., DÜNDAR M.
9. Ulusal Tıbbi Genetik Kongresi, Turkey, 1 - 05 December 2010

XXXIX. **Kore Akantositozlu Türk Aile**
İSMAİLOĞULLARI S., ÇAĞLAYAN A. O., KORKMAZ S., Elman S., KURNAZ F., AKSU M.
45. Ulusal Nöroloji Kongresi, Turkey, 10 - 15 November 2009, pp.26-27

XL. **No significant expression of Wt1 gene in multiple myeloma patients at diagnosis: Is Wt1 gene expression useful marker for minimal residual disease in multiple myeloma?**
ÖZKUL Y., ÇAĞLAYAN A. O., Kocyigit I., Saatci C., Akalin H., Demir M., Altuntas F., Cetin M., Eser B., Kaynar L.
49th Annual Meeting of the American-Society-of-Hematology, Georgia, United States Of America, 8 - 11 December 2007, vol.110

XLI. **Circulating testosterone regulates the local GnRH-II expression in peripheral lymphocytes: An in vivo interaction in patients with idiopathic hypogonadotrophic hypogonadism (IHH)**

Tanriverdi F., Demirkoparan U., Akalin H., ÇAĞLAYAN A. O., Ozkul Y., DÜNDAR M., Bayram F., Kelestimur F.
6th International Congress of Neuroendocrinology, Pennsylvania, United States Of America, 19 - 22 June 2006, vol.27, pp.107

Other Publications

I. **Otizm: Karmaşık bir genetik hastalık mı?**
Çağlayan A. O.
Other, pp.36-39, 2013

Expert Reports

I. **Knobloch syndrome**
Çağlayan A. O.
Orphanet, pp.1, Paris, 2020

Activities in Scientific Journals

Medicine International, Committee Member, 2023 - Continues
FRONTIERS IN NEUROSCIENCE, Committee Member, 2023 - Continues
EXPERIMENTAL AND THERAPEUTIC MEDICINE, Committee Member, 2023 - Continues
FRONTIERS IN GENETICS, Committee Member, 2023 - Continues
The Journal of Pediatric Academy, Committee Member, 2022 - Continues
Annals of Molecular & Genetic Medicine, Committee Member, 2016 - Continues
Austin Neurology & Neurosciences, Committee Member, 2015 - Continues
Austin Journal of Clinical Neurology, Committee Member, 2014 - Continues
Austin Journal of Autism and Related Disorders, Committee Member, 2014 - Continues
FRONTIERS IN NEUROSCIENCE, Committee Member, 2010 - 2019

Memberships / Tasks in Scientific Organizations

Türkiye Sağlık Enstitüleri Başkanlığı, Member of Science Committee, 2022 - 2024, Turkey
Türkiye Sağlık Enstitüleri Başkanlığı, Consultant, 2021 - 2021, Turkey

Scientific Refereeing

BMC PEDIATRICS, Journal Indexed in SCI-E, July 2024
FRONTIERS IN GENETICS, Journal Indexed in SCI-E, May 2024
ENDOCRINE, METABOLIC AND IMMUNE DISORDERS - DRUG TARGETS, Journal Indexed in SCI-E, August 2023
EUROPEAN JOURNAL OF OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY, Journal Indexed in SCI-E, August 2023
TURKISH JOURNAL OF BIOCHEMISTRY, Journal Indexed in SCI-E, August 2023
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Istanbul University, Turkey, August 2023
ENDOCRINE, METABOLIC AND IMMUNE DISORDERS - DRUG TARGETS, Journal Indexed in SCI-E, July 2023
FRONTIERS IN CARDIOVASCULAR MEDICINE, Journal Indexed in SCI-E, May 2023
ANATOLIAN JOURNAL OF CARDIOLOGY, Journal Indexed in SCI-E, April 2023
FRONTIERS IN GENETICS, Journal Indexed in SCI-E, March 2023

ANATOLIAN JOURNAL OF CARDIOLOGY, Journal Indexed in SCI-E, January 2023
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Dokuz Eylul University, Turkey, December 2022
Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, October 2022
Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, October 2022
TURKISH JOURNAL OF BIOCHEMISTRY, Journal Indexed in SCI-E, September 2022
Project Supported by Higher Education Institutions, BAP Research Project, Ege University, Turkey, September 2022
Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, September 2022
EUROPEAN JOURNAL OF OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY, Journal Indexed in SCI-E, July 2022
ELIFE, Journal Indexed in SCI-E, June 2022
JOURNAL OF HUMAN GENETICS, Journal Indexed in SCI-E, June 2022
SAUDI MEDICAL JOURNAL, Journal Indexed in SCI-E, May 2022
JOURNAL OF HUMAN GENETICS, Journal Indexed in SCI-E, May 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Dokuz Eylul University, Turkey, May 2022
Project Supported by Higher Education Institutions, BAP Research Project, Ankara University, Turkey, April 2022
PEDIATRIC RHEUMATOLOGY, Journal Indexed in SCI-E, March 2022
CNS & NEUROLOGICAL DISORDERS - DRUG TARGETS, Journal Indexed in SCI-E, February 2022
ENDOCRINE METABOLIC & IMMUNE DISORDERS-DRUG TARGETS, Journal Indexed in SCI-E, December 2021
ANADOLU KARDIYOLOJI DERGISI-THE ANATOLIAN JOURNAL OF CARDIOLOGY, Journal Indexed in SCI-E, December 2021
Project Supported by Higher Education Institutions, BAP Research Project, Van Yüzüncü Yil University, Turkey, December 2021
Project Supported by Higher Education Institutions, BAP Research Project, Van Yüzüncü Yil University, Turkey, November 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, Turkey, September 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Tübitak, Turkey, September 2021
TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, September 2021
CURRENT PHARMACEUTICAL DESIGN, Journal Indexed in SCI-E, June 2021
TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, April 2021
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, April 2021
PEDIATRIC RHEUMATOLOGY, Journal Indexed in SCI-E, March 2021
NEUROCASE, SCI Journal, March 2021
PEDIATRIC RHEUMATOLOGY, Journal Indexed in SCI-E, March 2021
TÜBİTAK International Bilateral Joint Cooperation Program Project, 2535 TÜBİTAK-IRAN MSRT, Dokuz Eylul University, Turkey, February 2021
PEDIATRIC RHEUMATOLOGY, Journal Indexed in SCI-E, December 2020
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, SCI Journal, July 2020
Project Supported by Higher Education Institutions, BAP Research Project, İstanbul University-Cerrahpaşa, Turkey, July 2020
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, July 2020
H2020 Project, MSCA-RISE Marie Skłodowska-Curie Research and Innovation Staff Exchange Scheme Project, TÜBİTAK, Turkey, January 2020
H2020 Project, MSCA-RISE Marie Skłodowska-Curie Research and Innovation Staff Exchange Scheme Project, TÜBİTAK, Turkey, January 2020
H2020 Project, MSCA-RISE Marie Skłodowska-Curie Research and Innovation Staff Exchange Scheme Project, TÜBİTAK, Turkey, January 2020
H2020 Project, MSCA-RISE Marie Skłodowska-Curie Research and Innovation Staff Exchange Scheme Project, TÜBİTAK, Turkey, January 2020
TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylul University, Turkey, January 2020
H2020 Project, MSCA-RISE Marie Skłodowska-Curie Research and Innovation Staff Exchange Scheme Project, TÜBİTAK, Turkey, January 2020

H2020 Project, MSCA-RISE Marie Skłodowska-Curie Research and Innovation Staff Exchange Scheme Project, TÜBİTAK, Turkey, January 2020
TUBITAK Project, 3001 - Initial R&D Projects Support Program, Dokuz Eylul University, Turkey, June 2018
TUBITAK Project, 3001 - Initial R&D Projects Support Program, Dokuz Eylul University, Turkey, February 2018
Project Supported by Private Organizations in Other Countries, Binational Science Foundation, Israel, January 2016

Scientific Consultations

TÜSEB, Scientific Consultancy, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Turkey, 2023 - Continues
Dokuz Eylül Üniversitesi, Other, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Moleküler Tıp Anabilim Dalı (Disiplinlerarası), Turkey, 2023 - Continues
Pfizer, Scientific Consultancy, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Moleküler Tıp Anabilim Dalı (Disiplinlerarası), Turkey, 2023 - 2023

Tasks In Event Organizations

Olgun H. N., Gültekin T., Çavdar Z., Dönmez Çolakoğlu B., Çağlayan A. O., Soysal Y., Küçükkaragöz H., Parkinson Hasta ve Yakınları ile Ebru Sanat Çalıştayı, Workshop Organization, İzmir, Turkey, Kasım 2022
Soysal Y., Çavdar Z., Çavaş L., Altun Z. S., Fıstıkoğlu O., Çağlayan A. O., International Symposium Series on Graduate Researhes 2022, Scientific Congress, İzmir, Turkey, Kasım 2022
Çağlayan A. O., INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2022 Life Science Section (Online Symposium), Scientific Congress, Turkey, Kasım 2022
Çağlayan A. O., Uluslararası Proteomik Kongresi / 4. Ulusal Proteomik Kongresi, Scientific Congress, Turkey, Ekim 2022
Gökmen A. N., Çavdar Z., Yılmaz O., Altun Z. S., Çağlayan A. O., Soysal Y., Uluslararası Katılımlı Sirkadiyen Ritme Multidisipliner Yaklaşım Sempozyumu, Scientific Congress, Turkey, Temmuz 2022
Çağlayan A. O., 7. Erciyes Tıp Günleri, Scientific Congress, Turkey, Mayıs 2022
Çağlayan A. O., Uluslararası Katılımlı Omik Teknolojilerin Klinikte ve Nadir Hastalıklarda Kullanımı Sempozyumu, Scientific Congress, Turkey, Nisan 2022
Çağlayan A. O., https://biyoinformatikforumu.org/#program, Scientific Congress, Turkey, Aralık 2021
Çağlayan A. O., http://www.erciyestipgenetik.com/BilimselProgram.aspx, Scientific Congress, Turkey, Eylül 2021
Çağlayan A. O., https://bioizmir.deu.edu.tr/duyurular/haber-3/, Workshop Organization, Turkey, Nisan 2021
Çağlayan A. O., https://biyoinformatikforumu.org/forum2018/, Scientific Congress, Turkey, Mayıs 2018
Çağlayan A. O., https://biyoinformatikforumu.org/forum2017/, Scientific Congress, Turkey, Mayıs 2017
Çağlayan A. O., https://biyoinformatikforumu.org/forum2016/, Scientific Congress, Turkey, Mayıs 2016

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Congress and Symposium Activities

Galen Days 2024, Invited Speaker, İzmir, Turkey, 2024
VII. Nöromusküler Hastalıklar Kongresi, Invited Speaker, Nevşehir, Turkey, 2024
Türkiye Genom Çalıştayı, Working Group, Ankara, Turkey, 2024

59. Ulusal Nöroloji Kongresi, Invited Speaker, Antalya, Turkey, 2023
Geleceğin Sağlık Teknolojileri Genomiks Kongresi, Working Group, İstanbul, Turkey, 2023
8. Erciyes Tıp Tıbbi Genetik Kongresi, Session Moderator, Kayseri, Turkey, 2023
ULUSAL NEONATOLOJİ KONGRESİ, Invited Speaker, Antalya, Turkey, 2023
Dokuz Eylül Bilimsel Araştırmalar Topluluğu Nadir Hastalıklar Sempozyumu, Invited Speaker, İzmir, Turkey, 2023
BİYOİNFORMATİK FORUMU - 2022, Working Group, Kocaeli, Turkey, 2022
15. Uluslararası Katılımlı Ulusal Tıbbi Genetik Kongresi, Session Moderator, Muğla, Turkey, 2022
15. Uluslararası Katılımlı Ulusal Tıbbi Genetik Kongresi, Attendee, Muğla, Turkey, 2022
TuPA Uluslarası Proteomik Kongresi, Session Moderator, İzmir, Turkey, 2022
TuPA Uluslarası Proteomik Kongresi, Invited Speaker, İzmir, Turkey, 2022
TuPA Uluslarası Proteomik Kongres, Attendee, İzmir, Turkey, 2022
Genç Meraklılar için Nörogenetik Semineri, Invited Speaker, İstanbul, Turkey, 2022
31. Ulusal Çocuk ve Ergen Ruh Sağlığı ve Hastalıkları Kongresi, Invited Speaker, İzmir, Turkey, 2022