

## Res. Asst. CEREN ALAVANDA

### Personal Information

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### Research Areas

Medical Genetics

### Academic Titles / Tasks

Research Assistant PhD, Marmara University, School of Medicine, Internal Medical Sciences, 2018 - Continues

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

- I. **miR-34a-FOXP1 Loop in Ovarian Cancer**  
Dirimtekin E., Mortoglu M., ALAVANDA C., Benomar Yemlahi A., Arslan Ates E., Guney I., Uysal-Oganer P. ACS Omega, vol.8, no.30, pp.27743-27750, 2023 (SCI-Expanded)
- II. **Two new cases with novel pathogenic variants reflecting the clinical diversity of Schaaf-Yang syndrome**  
ALAVANDA C., Arslan Ateş E., Yavaş Abalı Z., GEÇKİNLI B. B., DEMİRCİOĞLU S., ARMAN A. Clinical Genetics, vol.104, no.1, pp.127-132, 2023 (SCI-Expanded)
- III. **A Second Family with Myhre Syndrome Caused by the Same Recurrent SMAD4 Pathogenic Variation (p.Arg496Cys)**  
Demir S., ALAVANDA C., Yesil G., Aslanger A. D., Ates E. A. MOLECULAR SYNDROMOLOGY, vol.14, no.2, pp.175-180, 2023 (SCI-Expanded)
- IV. **Molecular analysis of MKRN3 gene in Turkish girls with sporadic and familial idiopathic central**  
KIRKGÖZ T., KAYGUSUZ S. B., ALAVANDA C., Helvacioglu D., Abalı Z. Y., GÜRPINAR TOSUN B., ELTAN M., SEVEN MENEVŞE T., GÜRAN T., ARMAN A., et al. JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.36, no.4, pp.401-408, 2023 (SCI-Expanded)
- V. **Novel, homozygous RAB3GAP1 c.2606 + 1G>A, p.Glu830ValfsTer9 variant and chromosome 3q29 duplication in a Turkish individual with Warburg micro syndrome**  
Geckinli B., TÜRKYILMAZ A., ALAVANDA C., Sager G., Arslan Ates E., SÖYLEMEZ M. A., ARMAN A. Clinical dysmorphology, vol.32, no.2, pp.55-61, 2023 (SCI-Expanded)
- VI. **Contribution of genotypes in Prothrombin and Factor V Leiden to COVID-19 and disease severity in patients at high risk for hereditary thrombophilia**  
Kiraz A., Sezer O., ALEMDAR A., Canbek S., Duman N., BİŞGİN A., Cora T., Ruhi H. I., Ergoren M. C., GEÇKİNLI B. B., et al. Journal of Medical Virology, vol.95, no.2, 2023 (SCI-Expanded)
- VII. **CLINICAL SPECTRUM OF CUBULIN MUTATIONS**  
Cicek N., ALPAY H., Guven S., Turkkan O. N., Polat S., DEMİRCİ BODUR E., ALAVANDA C., YILDIZ N., ATA P., GÖKCE İ. PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2845-2846, 2022 (SCI-Expanded)
- VIII. **GENETIC TESTS IN NON-NEUROGENIC NEUROGENIC BLADDER: TWO SIBLINGS WITH OCHOA**

## **SYNDROME**

- Pul S., GÖKCE İ., ALAVANDA C., ŞEKERCİ Ç. A., DEMİRÇİ BODUR E., Turkkan O. N., Guven S., Cicek N., YILDIZ N., YÜCEL S., et al.  
PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2911, 2022 (SCI-Expanded)
- IX. Etiological analysis of hypophosphatemia: A single-center experience**  
Eltan M., Alavanda C., Abali Z. Y., Bayramoglu E., Kaygusuz S. B., Helvacioglu D., Tosun B. G., Menevse T. S., Ata P., Guran T., et al.  
HORMONE RESEARCH IN PAEDIATRICS, vol.95, no.SUPPL 2, pp.141-142, 2022 (SCI-Expanded)
- X. Enostosis in a patient with KBG syndrome caused by a novel missense ANKRD11 variant**  
GEÇKİNLİ B. B., ALAVANDA C., Ates E. A., Yıldırım O., ARMAN A.  
CLINICAL DYSMORPHOLOGY, vol.31, no.3, pp.153-156, 2022 (SCI-Expanded)
- XI. Two new cases diagnosed with Hermansky-Pudlak Syndrome**  
ALAVANDA C., Ates E. A., GEÇKİNLİ B. B., Demir S., Polat H., UĞUZDOĞAN F., SÖYLEMEZ M. A., ATA P., ARMAN A.  
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.30, no.SUPPL 1, pp.223, 2022 (SCI-Expanded)
- XII. Familial Hypomagnesemia with Hypercalciuria and Nephrocalcinosis Due to CLDN16 Gene Mutations: Novel Findings in Two Cases with Diverse Clinical Features**  
Eltan M., Abali Z. Y., Turkyilmaz A., Gökce İ., Abali S., Alavanda C., Arman A., Kirkgöz T., Güran T., Hatun S., et al.  
CALCIFIED TISSUE INTERNATIONAL, vol.110, no.4, pp.441-450, 2022 (SCI-Expanded)
- XIII. Whole-exome sequencing reveals new potential genes and variants in patients with premature ovarian insufficiency**  
TÜRKYILMAZ A., ALAVANDA C., Ates E. A., GEÇKİNLİ B. B., Polat H., GÖKCÜ M., Karakaya T., ÇEBİ A. H., SÖYLEMEZ M. A., GÜNEY A. İ., et al.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.39, pp.695-710, 2022 (SCI-Expanded)
- XIV. Mutation Spectrum of Familial Adenomatous Polyposis Patients in Turkish Population: Identification of 3 Novel APC Mutations**  
Ates E. A., ALAVANDA C., Demir S., KEKLİKKIRAN Ç., Attaallah W., ÖZDOĞAN O. C., GÜNEY A. İ.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.33, no.2, pp.81-87, 2022 (SCI-Expanded)
- XV. Secondary findings in 622 Turkish clinical exome sequencing data**  
Ates E. A., TÜRKYILMAZ A., Yıldırım O., ALAVANDA C., Polat H., Demir S., ÇEBİ A. H., GEÇKİNLİ B. B., GÜNEY A. İ., ATA P., et al.  
JOURNAL OF HUMAN GENETICS, vol.66, no.11, pp.1113-1119, 2021 (SCI-Expanded)
- XVI. PHENOTYPIC AND GENOTYPIC CHARACTERISTICS OF CHILDREN WITH BARTTER SYNDROME**  
Guven S., GÖKCE İ., ALAVANDA C., Bodur E. D., Cicek N., SAK M., Pul S., Turkkan O. N., ATA P., YILDIZ N., et al.  
PEDIATRIC NEPHROLOGY, vol.36, no.10, pp.3430, 2021 (SCI-Expanded)
- XVII. THE FIRST CASE OF AMYLOIDOSIS DUE TO HOMOZYGOUS P.V377I MUTATION IN A PATIENT WITH HYPERIMMUNOGLOBULIN D SYNDROME**  
Bodur E. D., GÖKCE İ., Sozeri B., Alavanda C., Farmanli O., Ata P., KAYA H., ALPAY H.  
PEDIATRIC NEPHROLOGY, vol.36, no.10, pp.3448, 2021 (SCI-Expanded)
- XVIII. KIDNEY DIMENSION IS THE MOST IMPORTANT PARAMETER ASSOCIATED WITH DETERIORATION IN KIDNEY FUNCTION IN CHILDREN WITH AUTOSOMAL RECESSIVE POLYCYSTIC KIDNEY DISEASE**  
Cicek N., GÖKCE İ., ALAVANDA C., Guven S., SAK M., Turkkan O. N., Bodur E. D., Polat S., ATA P., YILDIZ N., et al.  
PEDIATRIC NEPHROLOGY, vol.36, no.10, pp.3421, 2021 (SCI-Expanded)
- XIX. CLINICAL-GENETIC CHARACTERISTICS AND PREDICTORS OF DISEASE PROGRESSION IN PATIENTS WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE**  
ALPAY H., Cicek N., ALAVANDA C., Guven S., SAK M., Turkkan O. N., Bodur E. D., Polat S., ATA P., YILDIZ N., et al.  
PEDIATRIC NEPHROLOGY, vol.36, no.10, pp.3422, 2021 (SCI-Expanded)
- XX. A rare cause of hypercalcemia: Congenital Lactase Deficiency**  
Eltan M., Alavanda C., Abali S., Abali Z. Y., Kaygusuz S. B., Gürpınar Tosun B., Seven Menevşe T., Helvacioglu D., Güran T., Ata P., et al.  
HORMONE RESEARCH IN PAEDIATRICS, vol.94, no.SUPPL 1, pp.75, 2021 (SCI-Expanded)
- XXI. The Spectrum of Low-Density Lipoprotein Receptor Mutations in a Large Turkish Cohort of Patients**

- with Familial Hypercholesterolemia**  
 Türkyılmaz A., Kurnaz E., Alavanda C., Yaralı O., Kartal Baykan E., Yavuz D., Cayir A., Ata P.  
 METABOLIC SYNDROME AND RELATED DISORDERS, vol.19, pp.340-346, 2021 (SCI-Expanded)
- XXII. Meckel-Gruber Syndrome: Clinical and Molecular Genetic Profiles in Two Fetuses and Review of the Current Literature**  
 TÜRKYILMAZ A., GEÇKİNLİ B. B., ALAVANDA C., Ates E. A., Buyukbayrak E., EREN Ş. F., ARMAN A.  
 GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.25, no.6, pp.445-451, 2021 (SCI-Expanded)
- XXIII. Biallelic Mutations in DNAJB11are Associated with Prenatal Polycystic Kidney Disease in a Turkish Family**  
 Ates E. A., TÜRKYILMAZ A., DELİL K., ALAVANDA C., SÖYLEMEZ M. A., GEÇKİNLİ B. B., ATA P., ARMAN A.  
 MOLECULAR SYNDROMOLOGY, vol.12, no.3, pp.179-185, 2021 (SCI-Expanded)
- XXIV. Does Genotype–Phenotype Correlation Exist in Vitamin D-Dependent Rickets Type IA: Report of 13 New Cases and Review of the Literature**  
 Kaygusuz S. B., Alavanda C., Kırkgöz T., Eltan M., Yavas Abali Z., Helvacioglu D., Güran T., Ata P., Bereket A., Demircioğlu S.  
 Calcified Tissue International, vol.108, no.5, pp.576-586, 2021 (SCI-Expanded)
- XXV. Novel clinical features and pleiotropic effect in three unrelated patients with LMNA variant**  
 Turkyilmaz A., GEÇKİNLİ B. B., ALAVANDA C., Ates E. A., ARMAN A.  
 CLINICAL DYSMORPHOLOGY, vol.30, no.1, pp.10-16, 2021 (SCI-Expanded)
- XXVI. Expanding of mutation spectrum in Muscular Dystrophies: A Turkish Cohort**  
 ALAVANDA C., Polat H., İlker A., Ates E. A., SÖYLEMEZ M. A., GEÇKİNLİ B. B., GÜNEY A. İ., ATA P., ARMAN A.  
 EUROPEAN JOURNAL OF HUMAN GENETICS, vol.28, no.SUPPL 1, pp.435-436, 2020 (SCI-Expanded)
- XXVII. Characterization of BRCA Genes' Variants in Turkish Hereditary Breast and Ovarian Cancer(HBOC) Patients**  
 Ates E. A., ALAVANDA C., Polat H., TÜRKYILMAZ A., SÖYLEMEZ M. A., GEÇKİNLİ B. B., GÜNEY A. İ.  
 EUROPEAN JOURNAL OF HUMAN GENETICS, vol.28, no.SUPPL 1, pp.935, 2020 (SCI-Expanded)
- XXVIII. Revealing novel splicing mutations in RAB3GAP1 gene causing Warburg Micro syndrome and a case including microduplication of 3q29**  
 GEÇKİNLİ B. B., TÜRKYILMAZ A., ALAVANDA C., Taslidere H., Sager G., Ates E. A., SÖYLEMEZ M. A., ARMAN A.  
 EUROPEAN JOURNAL OF HUMAN GENETICS, vol.28, no.SUPPL 1, pp.1012-1013, 2020 (SCI-Expanded)
- XXIX. FGF3 RELATED PHENOTYPES : A STUDY OF LAMM SYNDROME AND OTODENTAL DYSPLASIA PATIENTS WITH TWO NOVEL MUTATIONS IN FGF3 GENE**  
 TÜRKYILMAZ A., GEÇKİNLİ B. B., ALAVANDA C., ZENGİN G., ARSLAN ATEŞ E., ARMAN A.  
 International Journal of Human Genetics, vol.20, no.4, pp.179-190, 2020 (SCI-Expanded)
- XXX. A Rare Cause of Hypophosphatemia: Raine Syndrome Changing Clinical Features with Age**  
 Eltan M., Alavanda C., Yavas Abali Z., Ergenekon P., Yalindag Ozturk N., Sakar M., Dağçınar A., Kırkgöz T., Kaygusuz S. B., Gökdemir Y., et al.  
 CALCIFIED TISSUE INTERNATIONAL, vol.107, pp.96-103, 2020 (SCI-Expanded)
- XXXI. A rare cause of hypophosphatemia: Raine Syndrome**  
 Eltan M., Ata P., Kırkgöz T., Alavanda C., Kaygusuz S. B., Menevse T. S., Tosun B. G., Abali Z. Y., Helvacioglu D., Güran T., et al.  
 HORMONE RESEARCH IN PAEDIATRICS, vol.91, pp.384, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Dysosteosclerosis: Clinical and Radiological Evolution Reflecting Genetic Heterogeneity**  
 DEMİRCİOĞLU S., Mumm S., ALAVANDA C., Kaygusuz B. S., GÜRPINAR TOSUN B., ARMAN A., Huskey M., GÜRAN T., Duan S., BEREKET A., et al.  
 JBMR PLUS, vol.6, no.8, 2022 (ESCI)
- II. **Multigene Panel Testing in Turkish Hereditary Cancer Syndrome Patients Türk Toplumunda Kalıtsal**

**Kanser Sendromu Hastalarında Çoklu Gen Panel Taraması**

Arslan Ates E., TÜRKYILMAZ A., ALAVANDA C., Yıldırım O., GÜNEY A. İ.

Medeniyet Medical Journal, vol.37, no.2, pp.150-158, 2022 (Scopus)

- III. **Differential diagnosis of classical Bartter syndrome and Gitelman syndrome: Do we need genetic analysis?**

Guven S., GÖKCE İ., ALAVANDA C., Cicek N., Demirci E. B., SAK M., Pul S., Turkkan O. N., YILDIZ N., ATA P., et al. MARMARA MEDICAL JOURNAL, vol.34, no.3, pp.254-259, 2021 (ESCI)

**Refereed Congress / Symposium Publications in Proceedings**

- I. **The Use of Long-Range PCR Protocol in the Diagnosis of Friedreich Ataxia**

ALAVANDA C., POLAT H., DEMİR Ş., ARSLAN ATEŞ E., SÖYLEMEZ M. A., GEÇKİNLI B. B., ATA P., ARMAN A.

14. Ulusal Tibbi Genetik Kongresi (Uluslararası Katılımlı), Turkey, 20 November 2020

- II. **Novel splicing mutation in RAB3GAP1 Gene and microduplication of 3q29 in a patient with Warburg Micro syndrome**

GEÇKİNLI B. B., TÜRKYILMAZ A., ALAVANDA C., SAĞER S. G., ARSLAN ATEŞ E., ARMAN A.

14. Ulusal Tibbi Genetik Kongresi (Uluslararası Katılımlı), Turkey, 20 November 2020

- III. **Schaaf Yang sendromu**

Alavanda C., Arslan Ateş E., Polat H., Geçkinli B. B., Söylemez M. A., Güney A. İ., Ata P., Arman A.

4. Ulusal Çocuk Genetik Kongresi, İstanbul, Turkey, 25 - 27 September 2019

- IV. **Nadir bir iskelet displazisi: Piknodizostoz tanısı alan iki kız kardeş**

ALAVANDA C., GEÇKİNLI B. B., ARSLAN ATEŞ E., POLAT H., SÖYLEMEZ M. A., GÜNEY A. İ., ATA P., ARMAN A.

4. Ulusal Çocuk Genetik Kongresi, Turkey, 25 - 27 September 2019

- V. **A rare cause of hypophosphatemia: Raine Syndrome**

ELTAN M., ATA P., KIRKGÖZ T., ALAVANDA C., KAYGUSUZ S. B., SEVEN M. T., GURPINAR TOSUN B., YAVAŞ ABALI Z., GÜRAN T., ELÇİOĞLU H. N., et al.

European Society for Paediatric Endocrinology (ESPE) 58th Annual Meeting, Vienna, VİYANA, Austria, 19 - 21 September 2019, vol.91

- VI. **A cohort of patients with hypertrophic and dilated cardiomyopathy**

POLAT H., TÜRKYILMAZ A., ALAVANDA C., ARSLAN ATEŞ E., SÖYLEMEZ M. A., GEÇKİNLI B. B., YILDIRIM Ö., ARMAN A.

13 Balkan Congress of Human Genetics, 17 - 20 April 2019

- VII. **MARFAN SYNDROME: GENOTYPE-PHENOTYPE CORRELATIONS**

GEÇKİNLI B. B., ARSLAN ATEŞ E., TÜRKYILMAZ A., ALAVANDA C., YILDIRIM Ö., SÖYLEMEZ M. A., ARMAN A.

13 Balkan Congress of Human Genetics, 17 - 20 April 2019

- VIII. **Von Hippel Lindau Patients**

ALAVANDA C., TÜRKYILMAZ A., POLAT H., GEÇKİNLI B. B., GÜNEY A. İ., ATA P., SÖYLEMEZ M. A., ARMAN A.

13. BALKAN GENETİK KONGRESİ, Edirne, Turkey, 16 - 20 April 2019

- IX. **LAMM syndrome: Two new patients , one novel mutation and one new mechanism**

ALAVANDA C., TÜRKYILMAZ A., ARSLAN ATEŞ E., GEÇKİNLI B. B., SÖYLEMEZ M. A., ARMAN A.

13 Balkan Congress of Human Genetics, 17 - 20 April 2019

- X. **TWO NOVEL MUTATIONS IN THREE DIFFERENT GENES ASSOCIATED WITH RETINITIS PIGMENTOSA/LEBER CONGENITAL AMAROSIS IN ONE PATIENT**

ALAVANDA C., ATA P., YILMAZ Ö., POLAT H., GEÇKİNLI B. B., ARMAN A.

13. BALKAN GENETİK KONGRESİ, Edirne, Turkey, 16 - 20 April 2019

- XI. **PEDIATRİK AKUT LENFOBLASTİK LOSEMİDE TEŞHİSSEL TESTLERİN GEÇERLİLİĞİ**

Yılmaz İ., ATA P., ALAVANDA C., Arslan E., Eren R., Yılmaz B., Timur Ç., Pala S., Acıyiyan Y., Sökmen B., et al.

13. Uluslararası Katılımlı Ulusal Tibbi Genetik Kongresi, Antalya, Turkey, 7 - 11 November 2018

- XII. **Genetic analysis results of the patient cohort diagnosed with cardiomyopathy**

TÜRKYILMAZ A., ALAVANDA C., ARSLAN ATEŞ E., SÖYLEMEZ M. A., GEÇKİNLI B. B., YILDIRIM Ö., ARMAN A.

- 13 ULUSAL TİBBİ GENETİK KONGRESİ, Turkey, 7 - 11 November 2018
- XIII. **Three genotypes causing three distinct phenotypes in a hereditary cancer family**  
ARSLAN ATEŞ E., TÜRKYILMAZ A., ALAVANDA C., YILDIRIM Ö., SÖYLEMEZ M. A., GEÇKİNLI B. B., GÜNEY A. İ.  
13 ULUSAL TİBBİ GENETİK KONGRESİ, Turkey, 7 - 11 November 2018
- XIV. **Chromosomal array-CGH analysisin patients having neurodevelopmental delay and dysmorphic features**  
ALAVANDA C., ARSLAN ATEŞ E., TÜRKYILMAZ A., GEÇKİNLI B. B., ATA P., GÜNEY A. İ., SÖYLEMEZ M. A., ÖZYAVUZ ÇABUK P., ARMAN A.  
13 ULUSAL TİBBİ GENETİK KONGRESİ, Turkey, 7 - 11 November 2018
- XV. **Genetic analysis results of a patient cohort diagnosed with arrhythmia**  
TÜRKYILMAZ A., ALAVANDA C., ARSLAN ATEŞ E., SÖYLEMEZ M. A., GEÇKİNLI B. B., YILDIRIM Ö., ARMAN A.  
13 ULUSAL TİBBİ GENETİK KONGRESİ, Turkey, 7 - 11 November 2018
- XVI. **GENETIK KLINİĞINE PSÖDOBARTTER SENDROMU BULGULARIYLA BAŞVURAN KİSTİK FİBROZLU İKİ KIZ KARDEŞ**  
ALAVANDA C., ATA P., TÜRKYILMAZ A., Arslan E., YILDIZ N., ALPAY H.  
Uluslararası Katılımlı 13. Ulusal Tibbi Genetik Kongresi, Turkey, 7 - 11 November 2018
- XVII. **A further case of autosomal recessive brachyolmia having a novel mutation in PAPSS2 gene**  
Arslan Ateş E., Eltan M., Türkyılmaz A., Alavanda C., Söylemez M. A., Geçkinli B. B., Güney A. İ., Güran T., Arman A.  
13 ULUSAL TİBBİ GENETİK KONGRESİ, Antalya, Turkey, 7 - 11 November 2018
- XVIII. **REVERSE GENETIK İLE TANI KOYULAN NADİR BİR SPASTİK PARAPLEJİ AILESİ**  
ALAVANDA C., ates e., TÜRKYILMAZ A., GÜNEY A. İ., GEÇKİNLI B. B., ATA P., ARMAN A.  
13.ULUSLARARASI KATILIMLI ULUSAL TİBBİ GENETİK ANABİLİM DALI, Turkey, 7 - 11 November 2018
- XIX. **NÖROMOTOR GELİŞME GERİLİĞİ VE DISMORFIK BULGULARI OLAN HASTALARDA ARRAY-CGH ANALİZİ**  
ATA P., ALAVANDA C., ATEŞ E., GEÇKİNLI B. B., GÜNEY A. İ., SÖYLEMEZ M. A., ÇABUK P., ARMAN A.  
Uluslararası Katılımlı 13. Ulusal Tibbi Genetik Kongresi, Antalya, Turkey, 7 - 11 November 2018
- XX. **NOVEL RAB3GAP1INTRONIC MUTATION CAUSING WARBURGG MICRO SYNDROME IN TWO PATIENTS**  
GEÇKİNLI B. B., TÜRKYILMAZ A., ARSLAN ATEŞ E., ALAVANDA C., TAŞLİDERE H., SÖYLEMEZ M. A., ARMAN A.  
13 ULUSAL TİBBİ GENETİK KONGRESİ, Turkey, 7 - 11 November 2018
- XXI. **FARKLI GENLER,FARKLI MUTASYONLAR,FENOTİPTE FARKLILIK YARATIYOR MU ?: ALPORT SENDROMU**  
ATA P., ALAVANDA C., TÜRKYILMAZ A., YILDIZ N., ALPAY H.  
Uluslararası Katılımlı 13. Ulusal Tibbi Genetik Kongresi, Turkey, 7 - 11 November 2018

## Metrics

- Publication: 55  
Citation (WoS): 29  
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