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Education Information

Post Doctorate of Medicine, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, Turkey 2015 - 2018

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, Turkey 2008 - 2014

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmakoloji A.B.D., Turkey 2006 - 2010

Undergraduate, Hacettepe University, Tıp Fakültesi (Türkçe), Tıp Fakültesi, Turkey 2002 - 2008

Foreign Languages

English, C1 Advanced

Dissertations

Expertise In Medicine, Ergenlerde farklı spor tiplerinin kemik mineral dansitesi üzerine etkisi, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, 2014

Doctorate, Çocukluk çağında lansoprazolün sitokrom P450 2C19 için fenotipleme belirteci olarak kullanılması ve genotip-fenotip ilişkisinin incelenmesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmakoloji A.B.D., 2010

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Child Health and Diseases, Pediatric Gastroenterology

Published journal articles indexed by SCI, SSCI, and AHCI

- Short Bowel Syndrome Is Not a Contraindication for Kidney Transplantation**
TAŞTEMEL ÖZTÜRK T., GÜLHAN B., GÜMÜŞ E., HIZARCIOĞLU GÜLŞEN H., KURT ŞÜKÜR E. D., BOZACI A. C., AKI F. T., DÜZÖVA A., TOPALOĞLU R., ÖZALTIN F.
PEDIATRIC TRANSPLANTATION, vol.28, no.8, 2024 (SCI-Expanded)
- Glycogen storage diseases: An update**

GÜMÜŞ E., ÖZEN H.

World Journal of Gastroenterology, vol.29, no.25, pp.3932-3963, 2023 (SCI-Expanded)

- III. **Neutrophil-to-Lymphocyte Ratio: An Easy Marker for the Diagnosis and Monitoring of Inflammatory Bowel Disease in Children**
ŞİMŞEK ONAT P., HIZARCIOĞLU GÜLŞEN H., ERGEN Y. M., GÜMÜŞ E., ÖZEN H., DEMİR H., ÖZEN S., SALTİK TEMİZEL İ. N.
DIGESTIVE DISEASES AND SCIENCES, vol.68, no.1, pp.233-239, 2023 (SCI-Expanded)
- IV. **Cytokine profile in serum and gingival crevicular fluid of children with inflammatory bowel disease: A case-control study**
Acar B., Gümüş E., Özcan-Bulut S., Özşin-Özler C., Boyraz M. S., Tan Ç., Yaz İ., Özbek B., Cagdas D. N., Saltik-Temizel İ. N., et al.
JOURNAL OF PERIODONTOLOGY, vol.93, no.7, pp.1048-1059, 2022 (SCI-Expanded)
- V. **A Fatal Complication of Liver Transplant: Posttransplant Lymphoproliferative Disease.**
HIZARCIOĞLU GÜLŞEN H., GÜMÜŞ E., DEMİR H., Saltik-Temizel İ. N., VARAN A., DİNÇER H. A., DOĞRUL A. B., ÖZEN H.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, vol.20, no.Suppl 3, pp.102-104, 2022 (SCI-Expanded)
- VI. **Salvage Liver Transplant in the Treatment of a Child With Local Recurrence of Hepatoblastoma**
GÜMÜŞ E., Gulsen H. H., ÖZEN H., ORHAN D., VARAN A., DİNÇER H. A., DOĞRUL A. B.
Experimental and Clinical Transplantation, vol.20, no.5, pp.62-65, 2022 (SCI-Expanded)
- VII. **Nutritional status of children with primary immunodeficiency: A single center experience**
Karhan A. N., Esenboğa S., Gümüş E., Karaatmaca B., Cagdas D. N., Demir H., Saltik Temizel İ. N., Özen H., Yüce A., Tezcan I.
PEDIATRICS INTERNATIONAL, vol.64, no.1, 2022 (SCI-Expanded)
- VIII. **Clinical-genetic characteristics and treatment outcomes of Turkish children with Gaucher disease type 1 and type 3: A sixteen year single-center experience**
GÜMÜŞ E., KARHAN A. N., HIZARCIOĞLU GÜLŞEN H., DEMİR H., ÖZEN H., SALTİK TEMİZEL İ. N., DÖKMECİ S., YÜCE A.
EUROPEAN JOURNAL OF MEDICAL GENETICS, vol.64, no.11, 2021 (SCI-Expanded)
- IX. **Assessment of swallowing function in pediatric patients with Wilson's disease: Results of a videofluoroscopic swallowing study**
Karhan A. N., Aydemir Y., Demir N., Arslan S., Gümüş E., Demir H., Özen H., Yüce A., Karaduman A. A., Saltik-Temizel İ. N.
ARAB JOURNAL OF GASTROENTEROLOGY, vol.22, no.3, pp.215-219, 2021 (SCI-Expanded)
- X. **A very rare cause of protein losing enteropathy: Gaucher disease**
GÖKTAŞ M. A., GÜMÜŞ E., DEMİR H., HIZARCIOĞLU GÜLŞEN H., SALTİK TEMİZEL İ. N., ÖZEN H., Gucer S., YÜCE A.
TURKISH JOURNAL OF PEDIATRICS, vol.63, no.4, pp.708-715, 2021 (SCI-Expanded)
- XI. **Bisphenol A and phthalate levels in adolescents with polycystic ovary syndrome**
Akgül S., Sur Ü., Düzçeker Y., Balci A., Kızılkın M., Kanbur N., Bozdağ G., Erkekoğlu P., Gümüş E., Kocer-Gumusel B., et al.
GYNECOLOGICAL ENDOCRINOLOGY, vol.35, no.12, pp.1084-1087, 2019 (SCI-Expanded)
- XII. **A comparison of bone mineral density in adolescent swimmers, pentathletes and figure skaters**
Gumus E., AKGÜL S., KANBUR N., DERMAN O.
TURKISH JOURNAL OF PEDIATRICS, vol.61, no.6, pp.831-838, 2019 (SCI-Expanded)
- XIII. **Assessment of cardiac function and electrocardiographic findings in patients with Wilson's disease**
Karhan A. N., AYKAN H. H., Gumus E., Donmez Y., ALEHAN D., Ozkutlu S., DEMİR H., Temizel I. N. S., ÖZEN H., YÜCE A.
CARDIOLOGY IN THE YOUNG, vol.29, no.9, pp.1183-1188, 2019 (SCI-Expanded)
- XIV. **Revisiting long-term prognostic factors of biliary atresia: A 20-year experience with 81 patients from a single center**
HANALIOĞLU D., ÖZEN H., Karhan A., Gumus E., DEMİR H., Saltik-Temizel İ. N., EKİNCİ S., KARNAK İ., ÇİFTÇİ A. Ö., TANYEL F. C., et al.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.30, no.5, pp.467-474, 2019 (SCI-Expanded)

- XV. **THE ROLE OF ENDOCRINE DISRUPTORS IN THE AETIOPATHOGENESIS OF ADOLESCENT POLYCYSTIC OVARY SYNDROME**
AKGÜL S., SUR Ü., Duzceker Y., BALCI A., Kizilkan M. P., KANBUR N., BOZDAĞ G., Erkekoglu P., Gumus E., Gumusel B. K., et al.
JOURNAL OF ADOLESCENT HEALTH, vol.64, no.2, 2019 (SCI-Expanded)
- XVI. **Amoebic colitis presenting with hypo-albuminaemia in an eight-month-old breastfed girl**
Karhan A. N., Gumus E., DEMİR H., Temizel İ. N., YÜCE A., ÖZEN H.
PAEDIATRICS AND INTERNATIONAL CHILD HEALTH, vol.39, no.1, pp.73-75, 2019 (SCI-Expanded)
- XVII. **ADA Deficiency: Evaluation of the Clinical and Laboratory Features and the Outcome**
CAGDAS D., CETINKAYA P. G., KARAAATMACA B., Esenboga S., TAN Ç., YILMAZ T., Gumus E., BARIŞ S., Kuskonmaz B., OZGUR T. T., et al.
JOURNAL OF CLINICAL IMMUNOLOGY, vol.38, no.4, pp.484-493, 2018 (SCI-Expanded)
- XVIII. **Niemann-Pick disease type C in the newborn period: a single-center experience**
GÜMÜŞ E., Haliloglu G., KARHAN A. N., DEMİR H., Gurakan F., TOPÇU M., YÜCE A.
EUROPEAN JOURNAL OF PEDIATRICS, vol.176, no.12, pp.1669-1676, 2017 (SCI-Expanded)
- XIX. **Gastrointestinal system manifestations in juvenile systemic lupus erythematosus**
Sonmez H. E., Karhan A. N., Batu E. D., BİLGİNER Y., Gumus E., DEMİR H., YÜCE A., ÖZEN S.
CLINICAL RHEUMATOLOGY, vol.36, no.7, pp.1521-1526, 2017 (SCI-Expanded)
- XX. **Liver transplantation from a deceased donor with beta-thalassemia intermedia is not contraindicated: A case report**
Gumus E., ABBASOĞLU O., Tanyel C., GÜMRÜK F., ÖZEN H., YÜCE A.
PEDIATRIC TRANSPLANTATION, vol.21, no.3, 2017 (SCI-Expanded)
- XXI. **EFFECTS OF GENETIC POLYMORPHISMS OF MULTI DRUG RESISTANCE PROTEIN (MDR1) ON LANSOPRAZOLE METABOLISM IN PEDIATRIC PATIENTS**
Karaca R. O., Kalkisim S., GÜMÜŞ E., Goktas M. T., YÜCE A., YAŞAR Ü., BOZKURT A., BABAĞLU M. Ö.
DRUG METABOLISM AND PHARMACOKINETICS, vol.32, no.1, 2017 (SCI-Expanded)
- XXII. **Relationship between genetic polymorphisms of drug efflux transporter MDR1 (ABCB1) and response to losartan in hypertension patients.**
GÖKTAŞ M., PEPEDİL F., KARACA Ö., KALKIŞIM S. N., Cevik L., GUMUS E., GUVEN G., BABAĞLU M. Ö., BOZKURT A., YASAR U.
European review for medical and pharmacological sciences, vol.20, pp.2460-7, 2016 (SCI-Expanded)
- XXIII. **Evaluation of lansoprazole as a probe for assessing cytochrome P450 2C19 activity and genotype-phenotype correlation in childhood**
GÜMÜŞ E., Karaca O., BABAĞLU M. Ö., BAYSOY G., Balamtekin N., DEMİR H., USLU KIZILKAN N., BOZKURT A., YÜCE A., YAŞAR Ü.
EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY, vol.68, no.5, pp.629-636, 2012 (SCI-Expanded)
- XXIV. **Identification of lymphatics in the ciliary body of the human eye: A novel "uveolymphatic" outflow pathway**
Yuecel Y. H., Johnston M. G., Ly T., Patel M., Drake B., Guemues E., Fraenkl S. A., Moore S., Tobbia D., Armstrong D., et al.
EXPERIMENTAL EYE RESEARCH, vol.89, no.5, pp.810-819, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **The use of pediatric fall risk assessment tool in gastrointestinal endoscopic procedures: A prospective study**
Yalcin N., Goktas M. A., gumus e.
Akademik Gastroenteroloji Dergisi, vol.22, no.2, pp.103-111, 2023 (Peer-Reviewed Journal)
- II. **Acute Pancreatitis and Acute Recurrent Pancreatitis in Children: Imaging Findings and Outcomes**
AYAZ E., ÖZCAN H. N., Gülşen H. H., Yavuz Ö. Ö., SEBER T., GÜMÜŞ E., OĞUZ B., HALILOĞLU M.

Turkish Archives of Pediatrics, vol.58, no.1, pp.89-97, 2023 (Scopus)

- III. **Endothelial nitric oxide synthase G894T, intron 4 VNTR, and T786C polymorphisms in retinopathy of prematurity**
Tekkeşin F., Yurdakök M., GÜMÜŞ E., BABAOĞLU M. Ö., Bozkurt A., Caliskan Kadayıfçılar S., Eldem M., KORKMAZ A. C., YİĞİT Ş., Tekinalp G.
Journal of Neonatal-Perinatal Medicine, vol.15, no.2, pp.249-255, 2022 (Scopus)
- IV. **Tenofovir Disoproxil Fumarate in the Management of Chronic B Infection in Children**
GÜMÜŞ E., Karhan A. N., Hizarcioğlu-Gulsen H., DEMİR H., Temizel İ. N.
VIRAL HEPATIT DERGISI-VIRAL HEPATITIS JOURNAL, vol.27, no.3, pp.142-147, 2021 (ESCI)
- V. **Endoscopic Retrograd Colangiopancreatography in Children: A Single Center Experience**
Onat P. S., Demirtas D., Gulsen H. H., GÜMÜŞ E., Temizel I. N. S., ÖZEN H., DEMİR H., PARLAK E.
GUNCEL PEDIATRI-JOURNAL OF CURRENT PEDIATRICS, vol.19, no.3, pp.373-378, 2021 (ESCI)
- VI. **Distinctive Features of Hepatic Steatosis in Children: Is It Primary or Secondary to Inborn Errors of Metabolism?**
Karhan A. N., HIZARCIOĞLU GÜLŞEN H., GÜMÜŞ E., AKÇÖREN Z., DEMİR H., SALTİK TEMİZEL İ. N., ORHAN D., ÖZEN H.
PEDIATRIC GASTROENTEROLOGY HEPATOLOGY & NUTRITION, vol.24, no.6, pp.518-527, 2021 (ESCI)
- VII. **Molecular genetic analysis of Turkish Gaucher's disease patients reveals three novel variants in Glucocerebrosidase (GBA) gene**
ÖNAL G., Gumus E., DEMİR H., YÜCE A., DÖKMECİ S.
META GENE, vol.25, 2020 (ESCI)
- VIII. **Assessment of nutritional status in children with cerebral palsy**
Gumus E., ÖZEN H.
CLINICAL NUTRITION ESPEN, vol.28, pp.243-244, 2018 (ESCI)

Books & Book Chapters

- I. **Sistemik hastalıklar ve gastrointestinal sistem**
GÜMÜŞ E., YÜCE A.
in: Çocuk Gastroenteroloji, Hepatoloji ve Beslenme, Özen Hasan, Yüce Aysel, Gürakan Figen, Saltık Temizel İnci Nur, Demir Hülya, Editor, Ankara Nobel Tıp Kitabevleri, Ankara, pp.199-226, 2020
- II. **Gelişimsel Farmakokinetik**
GÜMÜŞ E., BOZKURT A.
in: Yurdakök Pediatri, Yurdakök Murat, Editor, Güneş Tıp Kitabevleri, Ankara, pp.5187-5199, 2017
- III. **İlaç Verilmesi ve Formül Şekilleri**
GÜMÜŞ E., BOZKURT A.
in: Yurdakök Pediatri, Yurdakök Murat, Editor, Güneş Tıp Kitabevleri, Ankara, pp.5175-5186, 2017
- IV. **Akut Otitis Media Tedavisinde Antibiyotik Kullanımı ve Farmakokinetik-Farmakodinamik İlişkiler**
GÜMÜŞ E., BABAOĞLU M. Ö., YAŞAR Ü.
in: Çocuklarda Akut Otit, Kara Ateş, Çiftçi Ergin, Tezer Hasan, Editor, Akademi Yayınevi, Ankara, pp.45-61, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Rare cause of protein losing enteropathy: Gaucher disease type 3**
GÖKTAŞ M. A., Gumus E., HIZARCIOĞLU GÜLŞEN H., DEMİR H., SALTİK TEMİZEL İ. N., ÖZEN H., YÜCE A.
16th Annual Research Meeting of the WORLDSymposium(TM), Florida, United States Of America, 10 - 14 February 2020, vol.129
- II. **Evaluation of Periodontal Status and Cytokine Response in Inflammatory Bowel Diseases**
ACAR B., ÖZCAN BULUT S., GÜMÜŞ E., BOYRAZ M. S., TAN Ç., ÖZŞİN ÖZLER C., SALTİK TEMİZEL İ. N., DEMİR H.,

ÖZEN H., TEZCAN F. İ., et al.

97th General Session & Exhibition of the IADR, Canada, 12 June 2019

- III. **Type 3 Gaucher disease presented with cardiac manifestations**
Gumus E., Tokel K., Karhan A. N., DEMİR H., ÖZEN H., Temizel İ. N., Olcay L., YÜCE A.
15th Annual Research Meeting of the WORLDSymposium(TM), Florida, United States Of America, 4 - 07 February 2019, vol.126
- IV. **Long-term visceral and hematologic outcomes of enzyme replacement therapy in a pediatric cohort of type 1 and type 3 Gaucher disease: A single center experience**
Gumus E., Karhan A. N., DEMİR H., ÖZEN H., Temizel İ. N., Emre S., YÜCE A.
15th Annual Research Meeting of the WORLDSymposium(TM), Florida, United States Of America, 4 - 07 February 2019, vol.126
- V. **Adenozin deaminaz eksikliği ve Jüvenil polipozis birlikteliği: Olgu Sunumu**
GÜMÜŞ E., balık z., TEZCAN F. İ., YÜCE A., KARHAN A. N., ÇAĞDAŞ AYVAZ D. N., SALTİK TEMİZEL İ. N., DEMİR H., ÖZEN H.
12. Ulusal Çocuk Gastroenteroloji, Hepatoloji ve Beslenme Kongresi, Turkey, 18 - 21 April 2018
- VI. **A comprasion of bone mineral density in adolescent swimmers, pentathletes and figure skaters**
GÜMÜŞ E., AKGÜL S., KANBUR N., DERMAN O.
11 th world congress on adolescents health, yeni delhi, 27 - 29 October 2017
- VII. **Long term follouw-up of extrahepetic biliary atresia patients.**
Hanahoglu D., ÖZEN H., KARHAN A. N., GÜMÜŞ E., DEMİR H., SALTİK TEMİZEL İ. N., EKİNCİ S., KARNAK İ., TANYEL F. C., YÜCE A.
ESPGHAN 50 th ANNUAL MEETING, Prag, Czech Republic, 10 - 13 May 2017
- VIII. **Assesment of nutritional status in patients with primary immunodeficiency.**
KARHAN A. N., eren s., GÜMÜŞ E., karaatmaca B., YÜCE A., ÇAĞDAŞ AYVAZ D. N., ÖZEN H., SALTİK TEMİZEL İ. N., DEMİR H., TEZCAN F. İ.
ESPGHAN 50th Annual Meeting, 10 - 13 May 2017, vol.64, pp.913
- IX. **Assessment of nutritional status in patients with primary immunodeficiency**
KARHAN A. N., EREN S., GÜMÜŞ E., KARAATMACA B., YÜCE A., ÇAĞDAŞ AYVAZ D. N., ÖZEN H., SALTİK TEMİZEL İ. N., DEMİR H., TEZCAN F. İ.
ESPGHAN 50th Annual Meeting, PRAG, Czech Republic, 10 - 13 May 2017, vol.64, pp.913
- X. **Association of R202Q MEFV variant and inflammatory bowel disease**
GÜMÜŞ E., YÜCE A., KARHAN A. N., DEMİR H., SALTİK TEMİZEL İ. N., ÖZEN H.
ESPGHAN 50th Annual Meeting, Prag, Czech Republic, 10 - 13 May 2017, vol.64, pp.483
- XI. **Long term follow-up of extrahepatic biliary atresia patients**
HANALIOĞLU D., ÖZEN H., KARHAN A. N., GÜMÜŞ E., DEMİR H., SALTİK TEMİZEL İ. N., EKİNCİ S., KARNAK İ., TANYEL F. C., YÜCE A.
ESPGHAN 50th Annual Meeting, PRAG, Czech Republic, 10 - 13 May 2017, vol.64, pp.691
- XII. **Niemann-Pick disease type C in the newborn period: Reflections from 10 patients**
YÜCE A., GÜMÜŞ E., Haliloglu G., KARHAN A. N., ARDIÇLI D., DEMİR H., Gurakan F., TOPÇU M.
12th Annual WORLD Symposium, California, United States Of America, 29 February - 04 March 2016, vol.117

Supported Projects

ORHAN D., KARAOSMANOĞLU B., YET İ., YÜCE A., GÜMÜŞ E., TAŞKIRAN Z. E., AKÇÖREN Z., Project Supported by Higher Education Institutions, Neonatal Kolestatik Hastalıkların Moleküler Genetik Analizi, 2017 - 2022

BERKER A. E., GÜMÜŞ E., ACAR B., SALTİK TEMİZEL İ. N., DEMİR H., YÜCE A., TEZCAN F. İ., TAN Ç., ÖZŞİN ÖZLER C., ÖZEN H., Project Supported by Higher Education Institutions, İnflamatuvar Bağırsak Hastalığı Olan Çocuklarda Dental ve Periodontal Durum ile Dişeti Oluğu Sıvısındaki Sitokin Yanıtının Değerlendirilmesi, 2018 - 2020

KANBUR N., AKGÜL S., DÜZÇEKER Y., ERKEKOĞLU Ü. P., BOZDAĞ G., BALCI A., SUR Ü., DERMAN O., GÜMÜŞEL B., GÜMÜŞ E., Project Supported by Higher Education Institutions, Adolesan Polikistik Over Sendromlu Vakalarda Bisfenol A ve

Ftalat Düzeylerinin İncelenmesi, 2017 - 2018

Activities in Scientific Journals

Akademik Gastroenteroloji Dergisi, Editor, 2021 - Continues

Memberships / Tasks in Scientific Organizations

Türk Çocuk Gastroenteroloji Hepatoloji ve Beslenme Derneği, Member, 2017 - Continues, Turkey

Metrics

Publication: 50

Citation (WoS): 212

Citation (Scopus): 175

H-Index (WoS): 7

H-Index (Scopus): 7

Invited Talks

Özofageal Disfaji, Conference, 14. Ulusal Çocuk Gastroenteroloji, Hepatoloji ve Beslenme Kongresi, Turkey, May 2022

Nutrition in Children with Chronic Lung Diseases, Workshop, ENTer chILD Webinar WG4, Turkey, July 2021

Bebeklerde Malnütrisyon ve Yönetimi, Conference, Türk Çocuk Gastroenteroloji, Hepatoloji ve Beslenme Derneği 3. Genç Bakış Kongresi, Turkey, June 2021

Kistik Fibrozis ve Beslenme, Conference, 10. Ulusal Kistik Fibrozis Sempozyumu ve Aile Eğitim Toplantısı, Turkey, May 2021

Duchene Musküler Distrofi ve Beslenme, Seminar, Türkiye Klinikleri Artık Farkındasın Oturumları, Turkey, May 2021

İnteraktif olgu1: Akut karaciğer yetmezliği olan çocuk, Workshop, Pediatrik Karaciğer Nakli Kursu, Turkey, February 2018

İnek sütü proteinine bağlı enterokolit olgusu, Workshop, A'dan Z'ye İnek Sütü Protein Allerjisi Sempozyumu, Turkey, May 2016

Non Academic Experience

Balıkesir Atatürk Şehir Hastanesi

Hospital, Balıkesir Atatürk Şehir Hastanesi, Çocuk Gastroenterolojisi

Karaman Devlet Hastanesi

Hospital, Karaman Devlet Hastanesi, Çocuk Sağlığı ve Hastalıkları