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Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Pediatrik Temel Bilimler/İmmünoloji, Turkey 2012 - 2015

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Pediatrik Temel Bilimler, Turkey 2007 - 2010

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1997 - 2003

Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Child Health and Diseases, Pediatric Immunology and Allergy

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Çocuk Sağlığı Enstitüsü, Pediatrik Temel Bilimler A.B.D., 2019 - Continues
Assistant Professor, Istinye University, Faculty Of Arts And Sciences, Department Of Molecular Biology And Genetics, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Expanding the Clinical and Immunological Phenotypes and Natural History of MALT1 Deficiency.**
Sefer A. P. , Abolhassani H., Ober F., Kayaoglu B., Bilgic Eltan S., Kara A., Erman B., Surucu Yilmaz N., Aydogmus C., Aydemir S., et al.
Journal of clinical immunology, vol.42, pp.634-652, 2022 (Journal Indexed in SCI)
- II. **A novel frameshift mutation in Malt1 gene resulted in defective TCR signaling and impaired immune response to fungal ligands**
KAYAOĞLU B., Yilmaz N., Baydemir I., Aydin Y., Yilmaz A. P. , ERMAN B., Aydogmus C., BARIŞ S., GÜRSEL M.
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.329, 2021 (Journal Indexed in SCI)
- III. **Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency.**
Ghosh S., Köstel B., Edwards E., Pillay B., Jimenez-Heredia R., Rao G., Erol C., Salzer E., Zoghi S., Abolhassani H., et al.

Blood, vol.136, pp.2638-2655, 2020 (Journal Indexed in SCI)

- IV. **Biallelic Form of a Known CD3E Mutation in a Patient with Severe Combined Immunodeficiency**
Erman B., Firtina S., Fisgin T., Bozkurt C., Cipe F. E.
JOURNAL OF CLINICAL IMMUNOLOGY, vol.40, no.3, pp.539-542, 2020 (Journal Indexed in SCI)
- V. **Invasive Saprochaete capitata Infection in a Patient with Autosomal Recessive CARD9 Deficiency and a Review of the Literature**
Erman B., Firtina S., Aksoy B. A. , Aydogdu S., Genc G. E. , Dogan O., Bozkurt C., Fisgin T., Cipe F. E.
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- VI. **Genetic Screening of the Patients with Primary Immunodeficiency by Whole-Exome Sequencing**
Erman B., Cipe F.
PEDIATRIC ALLERGY IMMUNOLOGY AND PULMONOLOGY, vol.33, no.1, pp.19-24, 2020 (Journal Indexed in SCI)
- VII. **IgE and IgG4 binding to lentil epitopes in children with red and green lentil allergy**
Sackesen C., Erman B., Gimenez G., Grishina G., Yilmaz O., Yavuz S., Sahiner Ü. M. , Buyuktiryaki B., Yilmaz E., Cavkaytar O., et al.
PEDIATRIC ALLERGY AND IMMUNOLOGY, vol.31, no.2, pp.158-166, 2020 (Journal Indexed in SCI)
- VIII. **Two siblings with PRKDC defect who presented with cutaneous granulomas and review of the literature**
Esenboga S., AKAL C., Karaatmaca B., Erman B., Dogan S., ORHAN D., Bortug K., Ayvaz D. N. , Tezcan I.
CLINICAL IMMUNOLOGY, vol.197, pp.1-5, 2018 (Journal Indexed in SCI)
- IX. **Role of natural killer cells in lung cancer**
Aktas O. N. , Ozturk A. B. , Erman B., Erus S., Tanju S., Dilege S.
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol.144, no.6, pp.997-1003, 2018 (Journal Indexed in SCI)
- X. **A Novel Homozygous Mutation With Different Clinical Presentations in 2 IRAK-4-Deficient Siblings: First Case With Recurrent Salmonellosis and Non-Hodgkin Lymphoma**
Gokturk B., Casanova J. L. , Picard C., Ayvaz C. D. , ERMAN B., Tezcan I., Ozdemir H., Ozel A., Reisli I.
JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY, vol.28, no.4, pp.271-273, 2018 (Journal Indexed in SCI)
- XI. **Diagnosis of Interstitial Lung Disease Caused by Possible Hypersensitivity Pneumonitis in a Child: Think CGD**
Esenboga S., EMİRALİOĞLU N., Cagdas D. N. , Erman B., De Boer M., OĞUZ B., Kiper N., Tezcan İ.
Journal of Clinical Immunology, vol.37, no.3, pp.269-272, 2017 (Journal Indexed in SCI Expanded)
- XII. **Investigation of Genetic Defects in Severe Combined Immunodeficiency Patients from Turkey by Targeted Sequencing**
ERMAN B., Bilic I., Hirschmugl T., Salzer E., Boztug H., Sanal O., Ayvaz D. N. , Tezcan I., Boztug K.
SCANDINAVIAN JOURNAL OF IMMUNOLOGY, vol.85, no.3, pp.227-234, 2017 (Journal Indexed in SCI)
- XIII. **Course of IL-2-inducible T-cell kinase deficiency in a family: lymphomatoid granulomatosis, lymphoma and allogeneic bone marrow transplantation in one sibling; and death in the other**
ÇAĞDAŞ AYVAZ D. N. , ERMAN B., Hanoglu D., Tavil B., KUŞKONMAZ B. B. , AYDIN G. B. , Akyuz C., Uckan D., Sanal O., Tezcan I.
BONE MARROW TRANSPLANTATION, vol.52, no.1, pp.126-129, 2017 (Journal Indexed in SCI)
- XIV. **Defective pneumococcal antibody response in patients with recurrent respiratory tract infections.**
Erman B., Demirtaş D., Bildik H., Çağdaş-Ayvaz D. N. , Sanal Ö., Tezcan İ.
The Turkish journal of pediatrics, vol.59, no.5, pp.555-560, 2017 (Journal Indexed in SCI Expanded)
- XV. **Statins and IL-1 beta, IL-10, and MPO Levels in Gingival Crevicular Fluid: Preliminary Results**
ARI V. C. , İLARSLAN Y. D. , Erman B., Sarkarati B., TEZCAN I., KARABULUT E., ÖZ Ş. G. , TANRIOVER M. D. , SENGUN D., BERKER E.
INFLAMMATION, vol.39, no.4, pp.1547-1557, 2016 (Journal Indexed in SCI)
- XVI. **Successful outcome with second hematopoietic stem cell transplantation in a patient with IL-10R deficiency**
KUŞKONMAZ B. B. , Ayvaz D. N. , Aydemir Y., Erman B., Tavil B., ÖZEN H., Tezcan I., Cetinkaya D. U.

- BONE MARROW TRANSPLANTATION, vol.51, no.4, pp.615-616, 2016 (Journal Indexed in SCI)
- XVII. **STK4 (MST1) deficiency in two siblings with autoimmune cytopenias: A novel mutation**
HALACLI S. O. , AYVAZ D. N. , Sun-Tan C., Erman B., Uz E., YILMAZ D. Y. , OZGUL K., TEZCAN I., SANAL O.
CLINICAL IMMUNOLOGY, vol.161, no.2, pp.316-323, 2015 (Journal Indexed in SCI)
- XVIII. **Combined immunodeficiency with CD4 lymphopenia and sclerosing cholangitis caused by a novel loss-of-function mutation affecting IL21R.**
Erman B., Bilic I., Hirschmugl T., Salzer E., ÇAĞDAŞ AYVAZ D. N. , Esenboga S., AKÇÖREN Z., Sanal O., Tezcan I., Boztug K.
Haematologica, vol.100, no.6, 2015 (Journal Indexed in SCI Expanded)
- XIX. **Necessity of Keratinized Tissues for Dental Implants: A Clinical, Immunological, and Radiographic Study**
Askin S. B. , Berker E., Akincibay H., UYSAL S., Erman B., Tezcan I., KARABULUT E.
CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, vol.17, no.1, pp.1-12, 2015 (Journal Indexed in SCI)
- XX. **C1q deficiency: identification of a novel missense mutation and treatment with fresh frozen plasma**
TOPALOĞLU R., TASKIRAN E. Z. , TAN Ç., Erman B., ÖZALTIN F., SANAL O.
CLINICAL RHEUMATOLOGY, vol.31, no.7, pp.1123-1126, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Investigation of causative genetic defects in patients with primary immunodeficiency by next generation sequencing**
Erman B., Arikoğlu T., Kont Özhan A., Demirhan A., Tökmeci N., Aydoğmuş Ç., Aytakin C.
Annals of Medical Research, vol.28, no.5, pp.1038-1043, 2021 (National Refreed University Journal)
- II. **Immune Reconstitution in the Patients with Talasemia Major after Hematopoietic Stem Cell Transplantation**
Erman B., Adakli Aksoy B.
TURKISH JOURNAL OF IMMUNOLOGY, vol.8, no.3, pp.113-119, 2020 (Journal Indexed in ESCI)
- III. **Apoptosis in Autoimmune Lymphoproliferative Syndrome Suspected Patients with Clinical and Laboratory Findings**
ERMAN B., ÇAĞDAŞ AYVAZ D. N. , Metin A., Tezcan I., Sanal O.
TURKISH JOURNAL OF IMMUNOLOGY, vol.1, no.1, pp.5-12, 2013 (Journal Indexed in ESCI)
- IV. **Klinik ve Laboratuvar Özellikleri ile Otoimmün Lenfoproliferatif Sendrom Düşünülen Hastalarda Apoptoz**
ERMAN B., ÇAĞDAŞ AYVAZ D. N. , Metin A., TEZCAN F. İ. , SANAL Ş. Ö.
TURKISH JOURNAL OF IMMUNOLOGY, vol.1, no.1, pp.5-12, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Kısım 11: İmmünolojik Hastalıklar, Bölüm 10: Primer İmmün Yetmezliklerin Tanısında Kullanılan İlk Basamak Laboratuvar Testleri**
Demirtaş D., Tan Ç., Erman B., Tezcan F. İ.
in: Yurdakök Pediatri, Murat Yurdakök, Editor, Güneş Tıp Kitabevleri, Ankara, pp.2185-2188, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of heat and matrix effect on milk proteins' allergenicity and the development of hypoallergenic food products**
Suer H., Yazici D., ERMAN B., Sackesen C.

Congress of the European-Academy-of-Allergy-and-Clinical-Immunology (EAACI), Munich, Germany, 26 - 30 May 2018, vol.73, pp.428-429

- II. **Çok nadir iki sendromun birlikteliği: Noonan syndrome like with loose anagen hair ile ICF2 sendromu**
AKGÜN DOĞAN Ö., ŞİMŞEK KİPER P. Ö. , Lissewski C., Erman B., ÇAĞDAŞ AYVAZ D. N. , Boztuğ K., ÜTİNE G. E. , Zenker M., TEZCAN F. İ. , BODUROĞLU O. K.
3.Ulusal Çocuk Genetik Sempozyumu, Antalya, Turkey, 11 - 13 October 2017
- III. **Activated PI3KCD Syndrome Same Dominant Activating Mutation in Four Patients From 3 Families from Turkey**
ÇAĞDAŞ AYVAZ D. N. , Erman B., Karaatmaca B., ESENBOĞA S., YILDIRAN A., ARIKOĞLU T., HIRCHMUĞL T., KROLO A., Boztuğ K., TEZCAN F. İ.
ESID 2016, 21 - 24 September 2016
- IV. **Successful Hematopoietic stem cell Transplantation in children with IL 2 inducible T cell kinase ITK deficiency**
KUŞKONMAZ B. B. , ÇAĞDAŞ AYVAZ D. N. , erman B., Hanoğlu D., TAVİL E. B. , AYDIN G. B. , AKYÜZ C., Sanal O., TEZCAN F. İ. , ÇETİNKAYA F. D.
EBMT 2016, 3 - 06 April 2016
- V. **Lipopolisakkarit e duyarlı beige benzeri Protein LRBA Defekti Bulunan Hastaların Klinik ve Laboratuvar Bulgularının Değerlendirilmesi Hacettepe Serisi**
ÇAĞDAŞ AYVAZ D. N. , KARAATMACA B., ESENBOĞA S., YILMAZ T., ERMAN B., TAN Ç., OSKAY HALAÇLI S., TURUL ÖZGÜR T., BOZTUG K., LO B., et al.
2. Klinik İmmünoloji Kongresi, Turkey, 31 March - 03 April 2016
- VI. **Successful hematopoietic stem cell trasplantation in children with IL-2-inducible T-cell Kinase (ITK) deficiency**
KUŞKONMAZ B. B. , ÇAĞDAŞ AYVAZ D. N. , ERMAN B., Hanoglu D., TAVİL B., AYDIN G. B. , Akyuz C., Sanal O., Tezcan I., Uçkan D.
42nd Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, Valencia, Spain, 3 - 06 April 2016, vol.51
- VII. **STK 4 MST1 Deficiency in Three Families with the Clinical and Immunological Features of AR HIES**
ÇAĞDAŞ AYVAZ D. N. , oskay S., TAN Ç., Erman B., UZ E., ÖZGÜL R. K. , TEZCAN F. İ. , Sanal Ö.
International Forum on Immunology Research, 8 - 10 October 2015
- VIII. **IL-10 RECEPTOR DEFECT IN A PATIENT WHO PRESENTED WITH EARLY-ONSET INFANTILE INFLAMMATORY BOWEL DISEASE**
Ayvaz D. N. , ERMAN B., TAN Ç., KUŞKONMAZ B. B. , Hizal G., Berberoglu B., Sanal O., Tezcan I.
15th Biennial Meeting European-Society-for-Immunodeficiency (ESID), Florence, Italy, 3 - 06 October 2012, vol.32, pp.69
- IX. **Chronic granulomatous disease CGD subgroup analysis of patients by FACScan with specific anti human NADPH oxidase components antibodies**
KÖKER M. Y. , ÖZDEN S., TEZCAN F. İ. , ERSOY F., METİN A., TAN Ç., ERMAN B., BOER M. D. , ROSS D.
1st Joint Meeting of European National Societies of Immunology -16th European Congress of Immunology, (EFİS), 6 - 09 September 2006

Supported Projects

ERMAN B., ESENBOĞA S., KILINÇ G. M. , ÇAĞDAŞ AYVAZ D. N. , TEZCAN F. İ. , Project Supported by Higher Education Institutions, DOCK8 eksikliği olan hastalarda immün repertuarın belirlenmesi, 2021 - Continues

Erman B., TUBITAK Project, Primer İmmün Disregülasyon Hastalıklarında T ve B Hücre Reseptör Repertuarının Araştırılması, 2021 - 2024

Erman B., Project Supported by Higher Education Institutions, Primer İmmün Disregülasyon Hastalıklarında T ve B Hücre Reseptör Repertuarının Araştırılması, 2022 - 2023

ERMAN B., ERMAN B., Project Supported by Higher Education Institutions, Özel bir grup hastalık olan doğal immün sistem eksiklikleri ve CD4 eksikliği olan hastaların immünolojik ve genetik özelliklerinin belirlenmesi, 2015 - 2021

Citations

Total Citations (WOS):271

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