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International Researcher IDs

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Education Information

Post Doctorate, University of Washington, Department Of Immunology, United States Of America 2011 - 2015

Doctorate, Brown University, Molecular Biology Cell Biology And Biochemisrty, United States Of America 2005 - 2011

Undergraduate, Ihsan Dogramaci Bilkent University, Molekuler Biyoloji Ve Genetik, Turkey 2000 - 2005

Foreign Languages

French, A1 Beginner

English, C2 Mastery

Certificates, Courses and Trainings

Education Management and Planning, TIP Eđitcileri iin Eđitim Becerileri, Erciyes niversitesi, 2016

Dissertations

Doctorate, Effects of Chronic ethanol consumption on splenic dendritic cell functions, Brown University, Molecular Biology Cell Biology And Biochemistry, Molecular Biology Cell Biology And Biochemistry, 2011

Research Areas

Health Sciences, Medicine, Fundamental Medical Sciences, Biochemistry, Medical Biology, Basic Sciences, Life Sciences, Microbiology, Immunology, Molecular Biology and Genetics, Genetic Disorders, Animal Molecular Genetics

Academic Titles / Tasks

Assistant Professor, Erciyes University, Temel Tıp Bilimleri, Tibbi Biyoloji, 2018 - Continues

Assistant Professor, Erciyes University, Temel Tıp Bilimleri, Tibbi Biyoloji, 2014 - 2018

Research Assistant PhD, University of Washington, Department Of Immunology, Immunology, 2011 - 2015

Research Assistant PhD, Brown University, Rhode Island Hospital, Liver Research Center, 2010 - 2011

Research Assistant, Brown University, Molecular Biology Cell Biology And Biochemisrty, Molecular Biology Cell Biology And Biochemisrty, 2005 - 2010

Courses

İmmünobiyoloji, Postgraduate, 2016 - 2017

İmmünopatoloji, Doctorate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Thiamine status and genes encoding intestinal thiamine transporters and transcription factors in obese subjects**
Dizdar O. S., Erdem S., Deliktas E. D., Dogan S., GÜNDOĞAN K., Genton L., CANATAN H., EKEN A.
Nutrition, Metabolism and Cardiovascular Diseases, vol.34, no.10, pp.2369-2377, 2024 (SCI-Expanded)
- II. **Investigation of immunomodulatory and cytotoxic effects of shed snake skin (*Elaphe sauromates*) extract.**
Sinmez C. C., Tüfekçi E., Demir B. Ş., Eken A., Guneş V., Ekici S., Bozkaya E., Aykun A. İ.
Frontiers in pharmacology, vol.15, pp.1270970, 2024 (SCI-Expanded)
- III. **Pyruvate kinase deficiency in 29 Turkish patients with two novel intronic variants**
GÖK V., LEBLEBİSATAN G., Gokcebay D. G., GÜLER S., Dogan M. E., Bozdogan S. T., Yozgat A. K., ÖZCAN A., Sahinoglu E. P., Tokgoz H., et al.
BRITISH JOURNAL OF HAEMATOLOGY, vol.205, no.1, pp.236-242, 2024 (SCI-Expanded)
- IV. **Alantolactone ameliorates graft versus host disease in mice**
Odabas G. P., Aslan K., Suna P. A., Kendirli P. K., Erdem Ş., Çakır M., Özcan A., Yılmaz E., Karakukcu M., Donmez-Altuntas H., et al.
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.128, 2024 (SCI-Expanded)
- V. **A case of autoimmune lymphoproliferative syndrome with a novel de novo FAS variant**
ÖZÇELİK F., ASLAN K., Gok V., Ari M. B., ÖZCAN A., EKEN A., Ünal E., ÖZKUL Y., DÜNDAR M.
Pediatric Hematology and Oncology, vol.41, no.4, pp.301-309, 2024 (SCI-Expanded)
- VI. **A Novel Biallelic LCK Variant Resulting in Profound T-Cell Immune Deficiency and Review of the Literature**
Lanz A., Erdem S., ÖZCAN A., CEYLANER G., CANSEVER M., CEYLANER S., Conca R., Magg T., Acuto O., Latour S., et al.
Journal of Clinical Immunology, vol.44, no.1, 2024 (SCI-Expanded)
- VII. **Elevated checkpoint inhibitor expression and Treg cell number in autosomal dominant polycystic kidney disease and their correlation with disease parameters and hypertension**
ŞAHİN A., KOÇYİĞİT İ., ASLAN K., Eroglu E., DEMİRAY A., EKEN A.
Clinical and Experimental Medicine, vol.23, no.7, pp.3631-3640, 2023 (SCI-Expanded)
- VIII. **Defective Treg generation and increased type 3 immune response in leukocyte adhesion deficiency 1**
Erdem S., Haskoloğlu Z. Ş., Haliloglu Y., Celikzencir H., Arik E., Keskin O., Eltan S. B., Yücel E., Canatan H., Avçılar H., et al.
Clinical Immunology, vol.253, 2023 (SCI-Expanded)
- IX. **The Beneficial Clinical Effects of Teriflunomide in Experimental Autoimmune Myasthenia Gravis and the Investigation of the Possible Immunological Mechanisms**
KÖSEOĞLU E., SUNGUR N., MUHTAROĞLU S., ZARARSIZ G., EKEN A.
CELLULAR AND MOLECULAR NEUROBIOLOGY, vol.43, no.5, pp.2071-2087, 2023 (SCI-Expanded)
- X. **Dedicator of cytokinesis 8 (DOCK8) is a negative regulator of skin mast cell function**
Molina I. M., Samanas N. B., Seo A. J., Foronda J., Deutsch G. H., BARIŞ S., Unal E., EKEN A., James R. G., Piliponsky A.

M.

JOURNAL OF IMMUNOLOGY, no.1, 2023 (SCI-Expanded)

- XI. **Characterization of peripheral blood T follicular helper (TFH) cells in patients with type 1 Gaucher disease and carriers**
Uzen R, BAYRAM F, DURSUN H, KARDAŞ F, Çakır M, CÜCER N, EKEN A, ALTUNTAŞ H.
Blood Cells, Molecules, and Diseases, vol.100, 2023 (SCI-Expanded)
- XII. **EVs vs. EVs: MSCs and Tregs as a source of invisible possibilities**
Heydari Z, Peshkova M, GÖNEN Z. B., Coretchi I, Eken A, YAY A. H., Dogan M. E., GÖKÇE N., AKALIN H., Kosheleva N., et al.
Journal of Molecular Medicine, vol.101, no.1-2, pp.51-63, 2023 (SCI-Expanded)
- XIII. **Immunodeficiency associated with a novel functionally defective variant of *SLC19A1* benefits from folinic acid treatment**
Gök V., Erdem Ş., Haliloğlu Y., Bişgin A., Belkaya S., Başaran K. E., Canatan M. F., Özcan A., Yılmaz E., Acıpayam C., et al.
GENES AND IMMUNITY, vol.24, no.1, pp.12-20, 2023 (SCI-Expanded)
- XIV. **Synthesis and Comprehensive in Vivo Activity Profiling of Olean-12-en-28-ol, 3β-Pentacosanoate in Experimental Autoimmune Encephalomyelitis: A Natural Remyelinating and Anti-Inflammatory Agent**
ŞENOL H., Ozgun-Acar O., DAĞ A., EKEN A., GÜNER H., Aykut Z. G., TOPÇU G., ŞEN A.
Journal of Natural Products, vol.86, no.1, pp.103-118, 2023 (SCI-Expanded)
- XV. **Oxidative and chromosomal DNA damage in patients with type I Gaucher disease and carriers**
Uzen R, Bayram F, Dursun H, Kardas F, Altın-Celik P, Cakir M, Eken A, Cucer N, Donmez-Altuntas H.
CLINICAL BIOCHEMISTRY, vol.111, pp.26-31, 2023 (SCI-Expanded)
- XVI. **A pilot study for treatment of severe COVID-19 pneumonia by aerosolized formulation of convalescent human immune plasma exosomes (ChipEXO (TM))**
GÜL F., GÖNEN Z. B., Jones O. Y., Taşlı N. P., ZARARSIZ G., ÜNAL E., ÖZDARENDELİ A., Şahin F., EKEN A., YILMAZ S., et al.
FRONTIERS IN IMMUNOLOGY, vol.13, 2022 (SCI-Expanded)
- XVII. **Characterization of cord blood CD3⁺TCRVα7.2⁺CD161^{high} T and innate lymphoid cells in the pregnancies with gestational diabetes, morbidly adherent placenta, and pregnancy hypertension diseases**
Haliloglu Y., Ozcan A., Erdem S., Azizoglu Z. B., Bicer A., Ozarslan Ö. Y., Kilic Ö., Okus F. Z., Demir F., Canatan H., et al.
AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY, vol.88, no.1, 2022 (SCI-Expanded)
- XVIII. **A novel gain-of-function mutation in STAT5B is associated with treatment-resistant severe atopic dermatitis.**
Kasap N., Aslan K., Karakurt L. T., Bozkurt H., Canatan H., Cavkaytar O., Eken A., Arga M.
Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology, vol.52, no.7, pp.907-910, 2022 (SCI-Expanded)
- XIX. **S1P analogues SEW2871, BAF312 and FTY720 affect human Th17 and Treg generation ex vivo**
Zehra Okus F., Busra Azizoglu Z., CANATAN H., EKEN A.
International Immunopharmacology, vol.107, 2022 (SCI-Expanded)
- XX. **A novel missense mutation outside the DNAJ domain of DNAJC21 is associated with Shwachman-Diamond syndrome**
Alsavaf M. B., Verboon J. M., DOĞAN M. E., Azizoglu Z. B., Okus F. Z., ÖZCAN A., DÜNDAR M., EKEN A., ALTUNTAŞ H., Sankaran V. G., et al.
BRITISH JOURNAL OF HAEMATOLOGY, vol.197, no.6, 2022 (SCI-Expanded)
- XXI. **Evolution and long-term outcomes of combined immunodeficiency due to CARMIL2 deficiency**
Kocamiş B., Baser D., Akcam B., Danielson J., Eltan S. B., Haliloglu Y., Sefer A. P., Babayeva R., Akgun G., Charbonnier L., et al.
ALLERGY, vol.77, no.3, pp.1004-1019, 2022 (SCI-Expanded)
- XXII. **The Effect of Exercise and Mesenchymal Stem Cell Applications on Blood Profile in Rats with Sciatic Nerve Damage**

- Ozocak O, Kestane S, Aktoprak M, ÇOKSEVİM B, YÜRÜK M, EKEN A.
ACTA PHYSIOLOGICA, vol.234, pp.86, 2022 (SCI-Expanded)
- XXIII. **Development of a three dimensional (3D) knitted scaffold for myocardial tissue engineering. Part II: biological performance of the knitted scaffolds**
HAROĞLU D, EKEN A, GÖNEN Z. B., BAHAR D.
Journal of the Textile Institute, vol.113, no.5, pp.895-905, 2022 (SCI-Expanded)
- XXIV. **Circulating Fibrocyte Level in Children with Cystic Fibrosis.**
Yaşar P. A., Köse M., Erdem S., Hangül M., Karaman F., Eken A.
Pediatrics international : official journal of the Japan Pediatric Society, vol.64, 2022 (SCI-Expanded)
- XXV. **A Novel Intronic Mutation Reduces HAX1 Level and is Associated With Severe Congenital Neutropenia.**
Goktas S., Azizoglu Z. B., Petersheim D., Erdogan M., Eke Gungor H., Bisgin A., Tuğ Bozdoğan S., Eken A., Unal E., Klein C., et al.
Journal of pediatric hematology/oncology, vol.44, 2022 (SCI-Expanded)
- XXVI. **Immunomagnetic separation of B type acute lymphoblastic leukemia cells from bone marrow with flow cytometry validation and microfluidic chip measurements**
İçöz K., Eken A., Cinar S., Murat A., Özcan S., Ünal E., Deniz G.
SEPARATION SCIENCE AND TECHNOLOGY, vol.56, no.15, pp.2659-2666, 2021 (SCI-Expanded)
- XXVII. **A NOVEL MUTATION IN DIACYLGLYCEROL KINASE EPSILON GENE CAUSING STEROID RESISTANT NEPHROTIC SYNDROME**
GÜNAY N., PINARBAŞI A. S., Dogan M. E., YEL S., GENCER BALABAN A., DURSUN İ., EKEN A., AKGÜN H., DÜNDAR M., POYRAZOĞLU M. H.
PEDIATRIC NEPHROLOGY, vol.36, no.10, pp.3477-3478, 2021 (SCI-Expanded)
- XXVIII. **Temporal overexpression of IL-22 and Reg3 gamma differentially impacts the severity of experimental autoimmune encephalomyelitis**
Eken A., Erdem S., Haliloglu Y., Okus F. Z., Cakir M., Yetkin M. F., Akcakoyunlu M., Karayigit M. O., Azizoglu Z. B., Bicer A., et al.
IMMUNOLOGY, vol.164, no.1, pp.73-89, 2021 (SCI-Expanded)
- XXIX. **A nonsense mutation in DIAPH1 gene presents with major T cell defects**
Azizoglu Z. B., Okus F. Z., ÖZCAN A., Sawaf B., KÖSE M., CANÖZ Ö., GÜMÜŞ H., Ceylaner S., PATIROĞLU T., ÜNAL E., et al.
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.296, 2021 (SCI-Expanded)
- XXX. **Teriflunomide ameliorates disease severity and immunopathology of experimental autoimmune myasthenia gravis induced by acetylcholine receptor immunizations in mice**
KÖSEOĞLU E., SUNGUR N., MUHTAROĞLU S., EKEN A.
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.418, 2021 (SCI-Expanded)
- XXXI. **Characterization of Th17 and Treg cells in leucocyte adhesion deficiency 1 patients**
Erdem S., Haliloglu Y., Haskaloglu S., Arik E., KESKİN Ö., Karadag S. I. K., Eltan S. B., YÜCEL E., AVCILAR H., YILMAZ E., et al.
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.298, 2021 (SCI-Expanded)
- XXXII. **Characterization of regulatory T cells in the IDH1 mutant and wild type glioblastoma tumor microenvironment**
Haliloglu Y., Erdem S., ULUTABANCA H., KÜÇÜK A., EKEN A., CANATAN H.
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.202, 2021 (SCI-Expanded)
- XXXIII. **The number and activity of CD3(+)TCR V alpha 7.2(+)CD161(+) cells are increased in children with acute rheumatic fever**
Ozkaya M., Baykan A., Cakir M., Vural C., Sunkak S., Unal E., Eken A.
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.333, pp.174-183, 2021 (SCI-Expanded)
- XXXIV. **Common Variable Immunodeficiency, Autoimmune Hemolytic Anemia, and Pancytopenia Associated With a Defect in IKAROS**
Yilmaz E., Kuehn H., Odakir E., Niemela J., Ozcan A., Eken A., Rohlf s M., Cansever M., Gok V., Aydin F., et al.

JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, no.3, 2021 (SCI-Expanded)

- XXXV. **Could imiquimod (Aldara 5% cream) or other TLR7 agonists be used in the treatment of COVID-19?**
AVCILAR H., Eken A.
MEDICAL HYPOTHESES, vol.144, 2020 (SCI-Expanded)
- XXXVI. **ILC3 deficiency and generalized ILC abnormalities in DOCK8-deficient patients**
Eken A., Cansever M., Okus F. Z., Erdem S., Nain E., Azizoglu Z. B., Haliloglu Y., Karakukcu M., Ozcan A., Devecioglu O., et al.
ALLERGY, vol.75, no.4, pp.921-933, 2020 (SCI-Expanded)
- XXXVII. **IL-22 and Reg3 γ Overexpression Affects Experimental Autoimmune Encephalomyelitis Severity**
Eken A., Yetkin M. F., Okuş F. Z., Çakır M., Karayığit M. Ö., Erdem Ş., Haliloğlu Y., Mohamed O., Altuntaş H., Mirza M., et al.
Journal Of Immunology, vol.202, no.1, pp.19312, 2019 (SCI-Expanded)
- XXXVIII. **Genetic Deficiency and Biochemical Inhibition of ITK Affect Human Th17, Treg, and Innate Lymphoid Cells**
Eken A., Cansever M., Somekh I., Mizoguchi Y., Zietara N., Okus F., Erdem S., Canatan H., Akyol S., Ozcan A., et al.
JOURNAL OF CLINICAL IMMUNOLOGY, vol.39, no.4, pp.391-400, 2019 (SCI-Expanded)
- XXXIX. **Fingolimod Alters Tissue Distribution and Cytokine Production of Human and Murine Innate Lymphoid Cells**
EKEN A., YETKİN M. F., VURAL A., Okus F. Z., Erdem S., Azizoglu Z. B., Haliloglu Y., Cakir M., Turkoglu E. M., Kilic Ö., et al.
FRONTIERS IN IMMUNOLOGY, vol.10, 2019 (SCI-Expanded)
- XL. **The TYK2-P1104A Autoimmune Protective Variant Limits Coordinate Signals Required to Generate Specialized T Cell Subsets**
GORMAN J. A., HUNDHAUSEN C., KINSMAN M., ARKATKAR T., ALLENSPACH E. J., CLOUGH C., WEST S. E., THOMAS K., Eken A., KHIM S., et al.
FRONTIERS IN IMMUNOLOGY, vol.10, 2019 (SCI-Expanded)
- XLI. **DOCK8 regulates fitness and function of regulatory T cells through modulation of IL-2 signaling**
Singh A. K., Eken A., Hagin D., Komal K., Bhise G., Shaji A., Arkatkar T., Jackson S. W., Bettelli E., Torgerson T. R., et al.
JCI INSIGHT, vol.2, no.19, 2017 (SCI-Expanded)
- XLII. **Absence of functional fetal regulatory T cells in humans causes in utero organ-specific autoimmunity.**
ALLENSPACH E., FINN L., RENDI M., Eken A., SINGH A., OUKKA M., TAYLOR S., ALTMAN M., FLIGNER C., OCHS H., et al.
The Journal of allergy and clinical immunology, vol.140, 2017 (SCI-Expanded)
- XLIII. **Interleukin 23 in Crohn's Disease**
Eken A., Singh A. K., Oukka M.
INFLAMMATORY BOWEL DISEASES, vol.20, no.3, pp.587-595, 2014 (SCI-Expanded)
- XLIV. **IL-23R(+) innate lymphoid cells induce colitis via interleukin-22-dependent mechanism**
Eken A., Singh A. K., Treuting P. M., Oukka M.
MUCOSAL IMMUNOLOGY, vol.7, no.1, pp.143-154, 2014 (SCI-Expanded)
- XLV. **Chronic alcohol-induced liver disease inhibits dendritic cell function**
Feng D., Eken A., Ortiz V., Wands J. R.
LIVER INTERNATIONAL, vol.31, no.7, pp.950-963, 2011 (SCI-Expanded)
- XLVI. **Ethanol Inhibits Antigen Presentation by Dendritic Cells**
Eken A., Ortiz V., Wands J. R.
CLINICAL AND VACCINE IMMUNOLOGY, vol.18, no.7, pp.1157-1166, 2011 (SCI-Expanded)
- XLVII. **Generation of cellular immune responses to HCV NS5 protein through in vivo activation of dendritic cells**
Wintermeyer P., Gehring S., Eken A., Wands J. R.
JOURNAL OF VIRAL HEPATITIS, vol.17, no.10, pp.705-713, 2010 (SCI-Expanded)
- XLVIII. **Alcohol and Hepatitis C Virus-Interactions in Immune Dysfunctions and Liver Damage**

Articles Published in Other Journals

- I. **Suspected ALPS with clinical and laboratory findings: Three patients-three different diagnoses**
Karakurt T., Kasap N., ASLAN K., BEKİS BOZKURT H., Cetinkaya F. B., Uslu G., Bicakci Z., Ozen F., Cavkaytar O., EKEN A., et al.
AIMS ALLERGY AND IMMUNOLOGY, no.4, pp.304-312, 2023 (ESCI)
- II. **Impact of Intrauterine Growth Restriction Diseases on The Umbilical Cord Blood CD34 Cell Counts**
Türkoglu E. M., Erdem S., Bicer A., Okus F. Z., ÖZCAN A., azizoglu z. B., EKEN A., Uludag S. Z., KÜTÜK M. S., KARAKÜKCÜ M., et al.
Journal of Pediatric Academy, pp.51-56, 2020 (Peer-Reviewed Journal)
- III. **The Effect of Schisandrin B on the Development of Multiple Sclerosis**
Çakır M., Karayığit M. Ö., Eken A., Altuntaş H.
Proceedings, vol.40, pp.15, 2019 (Peer-Reviewed Journal)
- IV. **The Effect of Alantolactone on the Development of Multiple Sclerosis**
Çakır M., Karayığit M. Ö., Eken A., Altuntaş H.
Proceedings, vol.40, pp.16, 2019 (Peer-Reviewed Journal)
- V. **IL-15 negatively regulates curdlan-induced IL-23 production by human monocyte-derived dendritic cells and subsequent Th17 response**
EKEN A., Okus F. Z., Erdem S., Azizoglu Z. B., Haliloglu Y., Bicer A., Gur T. N., YILMAZ E., KARAKÜKCÜ M., Altuntas H. D., et al.
NORTHERN CLINICS OF ISTANBUL, vol.6, no.4, pp.379-387, 2019 (ESCI)

Books & Book Chapters

- I. **B VE T HÜCRE RESEPTÖR ORGANİZASYONU**
Eken A.
in: Çocuk Romatolojisinde Temel İmmünolojik Mekanizmalar, Doç. Dr. Ayşenur PAÇ KISAARSLAN, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.1-102, 2022
- II. **Severe Congenital Neutropenia due to HAX-1 Mutations**
Göktaş S., Eken A., Patroğlu T.
in: Rare Diseases in Children Focusing on Pediatric Immunology & Neurology, Musa Karakukcu, Hüseyin Per, Ekrem Ünal, Ayşenur Paç Kisaarslan, Editor, Nobel Tıp Kitabevi, Ankara, pp.132-146, 2020
- III. **T lymphocyte-specific protein tyrosine kinase deficiency**
Erdem S., Eken A., Ünal E.
in: Rare Diseases in Children Focusing on Pediatric Immunology & Neurology, Musa Karakukcu, Hüseyin Per, Ekrem Ünal, Ayşenur Paç Kisaarslan, Editor, Nobel Tıp Kitabevi, Ankara, pp.9-14, 2020
- IV. **T lymphocyte-specific protein tyrosine kinase deficiency**
erdem s., ÜNAL E., EKEN A.
in: Rare Diseases in Children Focusing on Pediatric Immunology Neurology, Musa Karakükçü, Hüseyin Per, Ekrem Ünal, Ayşenur Paç Kisaarslan, Editor, Nobel Tıp Kitabevi, Ankara, pp.9-16, 2020
- V. **Severe Congenital Neutropenia due to HAX-1 Mutations**
Göktaş S., EKEN A., Patroğlu T.
in: Rare Diseases in Children Focusing on Pediatric Immunology Neurology, Musa Karakükçü, Hüseyin Per, Ekrem Ünal, Ayşenur Paç Kisaarslan, Editor, Nobel Tıp Kitabevi, Ankara, pp.132-146, 2020
- VI. **Innate Lymphoid Cells (Non-NK ILCs)**
EKEN A., ALTUNTAŞ H.

in: Lymphocyte Updates Cancer, Autoimmunity and Infection, Gheorghita Isvoranu, Editor, IntechOpen, pp.129-148, 2017

VII. **Interleukin 23 in IBD Pathogenesis**

EKEN A., Oukka M.

in: New Insights into Inflammatory Bowel Disease, Samuel Huber, Editor, Intech, Rijeka, pp.93-123, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Gramisidin A Biyosürafaktanının MCF-7 Meme Kanseri Hücre Dizisinde İnflamasyona Etkisinin Moleküler Düzeyde Araştırılması**
Altın Çelik P., Eken A., Derya Andeden M., Üzen R., Altuntaş H.
2. Uluslararası Kapadokya Bilimsel Araştırmalar Kongresi, Nevşehir, Turkey, 17 - 19 June 2022, pp.1181-1182
- II. **PS-174-AKUT ROMATİZMAL ATEŞ HASTALARINDA İMMÜN EFEKTÖR HÜCRELER**
Özkaya M., Baykan A., Eken A., Ünal E., Pamukçu Ö., Vural Ç., Doğan A., Üzümlü K.
19.Ulusal pediatrik kardiyoloji ve pediatrik kalp cerrahisi sanal kongresi, 23 - 25 October 2020, vol.1, pp.343
- III. **Schisandrin B and Alantolactone ameliorates experimental autoimmune encephalomyelitis in mice**
EKEN A., ÇAKIR M., KARAYİĞİT M. Ö., ALTUNTAŞ H.
The Journal of Immunology, 01 May 2020, vol.204, pp.16012
- IV. **The Effect of Alantolactone on the Development of Multiple Sclerosis**
Çakır M., Karayığit M. Ö., Eken A., Altuntaş H.
the 3rd International conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 18 - 20 December 2019, vol.40, no.1, pp.16
- V. **The Effect of Schisandrin B on the Development of Multiple Sclerosis**
Çakır M., Karayığit M. Ö., Eken A., Altuntaş H.
the 3rd International conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 18 - 20 December 2019, vol.40, no.1, pp.15
- VI. **Reg3γ overekspresyonunun mürin deneysel otoimmün ensefalit (EAE) modeline etkileri**
EKEN A.
Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi'ni (UTSAK), Turkey, 11 - 12 July 2019
- VII. **IL-22 and Reg3γ Overexpression Affects Experimental Autoimmune Encephalomyelitis Severity**
EKEN A., YETKİN M. F., Okuş F. Z., ÇAKIR M., KARAYİĞİT M. Ö., erdem ş., Haliloglu Y., Oukka M., ALTUNTAŞ H., MİRZA M., et al.
The Journal of Immunology, 9 - 13 May 2019, vol.1, pp.19312
- VIII. **S1P1 Agonisti SEW2871 insan Th17 Hücreleri gelişim ve fonksiyonlarını doğrudan ve dolaylı etkilemektedir**
EKEN A., Okuş F. Z., YETKİN M. F., Çakır m., ÖZDARENDELİ A., ALTUNTAŞ H., MİRZA M., CANATAN H.
XXIV. Ulusal İmmünoloji Kongresi, Turkey, 27 - 30 April 2017
- IX. **Characterization of Treg cells generated in the presence of group 3 innate lymphoid cells**
EKEN A.
3. Kok Hücre ve Hücre Tedaviler Kongresi-ISSCA, 12 - 14 April 2019
- X. **IL-15'İN İNSAN DENDRİTİK HÜCRELERİ TARAFINDAN IL-23 ÜRETİMİNE ETKİLERİ**
EKEN A.
IAMHC 1 st International Ahi Evran Medicine Health Science Congress, 11 - 14 April 2019
- XI. **FİNGOLİMODUN, İNSAN VE FARELERDE İNNATE LENFOİD HÜCRELERİN DOKU DAĞILIMI VE SİTOKİN ÜRETİMİNE ETKİSİ**
YETKİN M. F., EKEN A., VURAL A., Okuş F., ALTUNTAŞ H., Erdem Ş., Oukka M., Azizoğlu Z. B., Haliloglu Y., KARA I., et al.
54. Ulusal Nöroloji Kongresi, Antalya, Turkey, 1 - 05 December 2018, pp.469
- XII. **S1P1 receptor antagonists Fingolimod and SEW2871 affect human group 1 and 3 innate lymphoid cell biology**

EKEN A., YETKİN M. F., VURAL A., Okuş F. Z., CANATAN H., ALTUNTAŞ H., MİRZA M., ÇAKIR M., Erdem Ş.
ECTRIMS 2018 – 34th Congress of the European Committee for Treatment and Research in Multiple Sclerosis,
Berlin, Germany, 10 - 12 October 2018, pp.762

XIII. Fingolimod impacts innate lymphoid cell biology

EKEN A., YETKİN M. F., Okuş F. Z., Erdem Ş., ÇAKIR M., VURAL A., ALTUNTAŞ H., MİRZA M., CANATAN H.
The Journal of Immunology, Teksas, United States Of America, 4 - 08 May 2018, vol.200

XIV. Group 3 Innate Lymphoid Cells in DOCK8 Deficiency: From Mice to Human

EKEN A., Okuş F., PATIROĞLU T., Erdem Ş., KARAKÜKCÜ M., CANSEVER M., ALTUNTAŞ H., CANATAN H., Oukka M.,
Topal E. T., et al.

İşıl Barlan İmmün Yetmezlikler Sempozyumu, İstanbul, Turkey, 19 - 20 April 2018

XV. Deducator of cytokines 8 defektif hastalarda grup 3 innate lenfoid hücreleri eksikliği mevcuttur

EKEN A., Okuş F., PATIROĞLU T., Erdem Ş., KARAKÜKCÜ M., CANSEVER M., ALTUNTAŞ H., CANATAN H., Oukka M.,
Topal E. T., et al.

4. Klinik İmmunoloji Kongresi, Antalya, Turkey, 11 - 14 April 2018

XVI. Fingolimod ve SEW2871 insan Th17 hücresi gelişimini etkilemektedir

YETKİN M. F., EKEN A., Okuş F., ÇAKIR M., ÖZDARENDELİ A., ALTUNTAŞ H., MİRZA M., CANATAN H.

10.Klinik Nöroimmunoloji Sempozyumu, Girne, Cyprus (Kktc), 1 - 05 April 2018, pp.34

**XVII. Sphingosine 1 Fosfat Reseptörü-1 Agonistleri Fingolimod Ve SEW2871 İnnate Lenfoid Hücrelerin
Biyolojisini Etkilemektedir**

EKEN A., YETKİN M. F., Okuş F. Z., Erdem S., ÇAKIR M., VURAL A., KÜTÜK M. S., ALTUNTAŞ H., MİRZA M., CANATAN H.

Kıbrıs, 10.Klinik Nöroimmunoloji Sempozyumu, 2018Nisan 1-4,, 1 - 04 April 2018

**XVIII. Sphingosine 1 phosphate 1 receptor agonists Fingolimod and SEW2871 impact innate lymphoid cell
biology.**

EKEN A., YETKİN M. F., Okuş F. Z., Erdem S., ÇAKIR M., KÜTÜK M. S., ALTUNTAŞ H., MİRZA M., CANATAN H.

The World Immune Regulation Meeting XII (WIRM XII) kongresi, Davos, Switzerland, 14 - 17 March 2018, pp.46

XIX. Absence of group 3 innate lymphoid cells in DOCK8- defective HIES patients

EKEN A., PATIROĞLU T., Okuş F. Z., Erdem Ş., KARAKÜKCÜ M., Cansever M., ALTUNTAŞ H., CANATAN H., Oukka M.,
Karakoç E., et al.

The World Immune Regulation Meeting XII (WIRM XII) kongresi, Davos, Switzerland, 14 - 17 March 2018, pp.66

XX. S1P1 Agonist SEW2871 Inhibits human Th17 cell generation and functions

EKEN A., Okuş F. Z., YETKİN M. F., ÇAKIR M., ÖZDARENDELİ A., MİRZA M.

IMMUNOLOGY2017, Washington Dc, United States Of America, 12 - 16 May 2017, vol.198

XXI. IL-15 regulates IL-23 production and murine IBD-like disease

EKEN A., Singh A. K., Fry M., Bhise G., Bettelli E., Oukka M.

IMMUNOLOGY2017, Washington Dc, United States Of America, 12 - 16 May 2017, vol.198

XXII. Direct and indirect effects of S1P1 Agonist SEW2871 on human Th17 cell generation and functions

EKEN A., Okuş F., YETKİN M. F., ÇAKIR M., ÖZDARENDELİ A., ALTUNTAŞ H., MİRZA M., CANATAN H.

Erciyes Tıp Genetik Günleri, Kayseri, Turkey, 11 - 15 May 2017

**XXIII. S1P1 Agonisti SEW2871'in insan Th17 hücresi gelişim ve fonksiyonlarını doğrudan ve dolaylı
etkilemektedir**

EKEN A., Okuş F., YETKİN M. F., ÇAKIR M., ÖZDARENDELİ A., ALTUNTAŞ H., MİRZA M., CANATAN H.

XXIV. Ulusal İmmunoloji Kongresi, İstanbul, Turkey, 27 - 30 April 2017

**XXIV. Investigation of potential neurotoxic effects of perfluorooctanoic acid in Balb/c mice by evaluating
oxidative stress induction and possible protective effects of taurine and coenzyme Q10 in this model
system**

Endirlik B., Özger E., EKEN A., ÖZTÜRK F., GÜRBAY A.

52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258

XXV. S1P(1) deletion differentially affects TH17 and regulatory T cells

EKEN A., DUHEN R., Singh A. K., FRY M., BUCKNER J. H., KITA M., BETTELLI E., Oukka M.

International Congress of Immunology (ICI), Melbourne, Australia, 21 - 26 August 2016, vol.46, pp.894

XXVI. DOCK8 regulates protective immunity by controlling the function and survival of ROR gamma t(+)

ILCs

SINGH A., Eken A., FRY M., Bettelli E., Oukka M.

Annual Meeting of the American-Association-of-Immunologists (IMMUNOLOGY), Louisiana, United States Of America, 8 - 12 May 2015, vol.194

XXVII. CHRONIC ALCOHOL-INDUCED LIVER DISEASE ROLE IN THE INHIBITION OF DENDRITIC CELL FUNCTION

Feng D., Eken A., Ortiz V., Wands J. R.

62nd Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD), San-Francisco, Costa Rica, 4 - 08 November 2011, vol.54

Episodes in the Encyclopedia

I. Encyclopedia of Inflammatory Diseases

EKEN A.

Springer Basel / Birkhäuser Basel, pp.1-10, 2015

Supported Projects

- CANATAN H., EKEN A., ULUTABANCA H., Project Supported by Higher Education Institutions, Enteral İmmünonütrisyondun Kafa Travması Oluşturulmuş Farelerde Beyin ve Bağırsak Dokusuna Olan Etkilerinin Araştırılması, 2018 - 2024
- YILMAZ M., ATUK KAHRAMAN T., EKEN A., Project Supported by Higher Education Institutions, Deneysel Otoimmün Ensefalomyelit (EAE) Oluşturulan Farelerde Akdeniz Diyeti ve Likopenin Multipl Skleroz (MS) Gelişimine ve İnflamatuvar Belirteçlere Etkisi, 2021 - 2023
- EKEN A., DİZDAR O. S., Project Supported by Higher Education Institutions, Obez Hastalarda İntestinal Thiamin Transporter Ekspresyonunun Thtr12 Ve Sp1 Promotör Aktivitesinin Moleküler Analizi, 2020 - 2022
- EKEN A., ERDEM Ş., Project Supported by Higher Education Institutions, Glial tümörlerde kan ve tümör mikroçevresindeki innate lenfoid hücrelerin ILC karakterize edilmesi, 2019 - 2021
- HAROĞLU D., EKEN A., GÖNEN Z. B., BAĞDAŞ H., İLBEYLİ H., Project Supported by Higher Education Institutions, Miyokard doku rejenerasyonu için tekstil temelli bir iskele, 2018 - 2021
- ALTUNTAŞ H., EKEN A., ÇAKIR M., Project Supported by Higher Education Institutions, Deneysel Multipl SklerozMS Fare Modelinde Schisandrin B ve Alantolaktonun İmmünomodülatör Etkilerinin Araştırılması, 2018 - 2021
- ÜNAL E., ULUDAĞ S. Z., EKEN A., OKUŞ F. Z., ERDEM Ş., AZİZOĞLU Z. B., KARAKÜKCÜ M., ÖZCAN A., ÖZARSLAN Ö. Y., KILIÇ Ö., et al., Project Supported by Higher Education Institutions, Umbilikal kord kanında Hematopoetik Kök Hücre ve MAIT(Mucosal Associated Invariant T Cell) hücreleri miktarı ile Intrauterin Gelişim Geriliğine yol açan Morbidly Adherat Placenta (MAP), Gebelik Hipertansiyonu ve Gestasyonel Diyabet arasındaki ilişkinin araştırılması, 2019 - 2020
- SAATÇI E., AL-ANI Y. A. A., EKEN A., Project Supported by Higher Education Institutions, INVESTIGATING THE EFFECT OF ?-CASOMORPHIN-7 PEPTIDE ON TH17 ASSOCIATED CYTOKINES IN MODEL OF MULTIPLE SCLEROSIS MULTİPL SKLEROZDA Th17 İLE İLİŞKİLİ SİTOKİNLER ÜZERİNE beta- KAZOMORFİN-7 ETKİSİNİN FARE MODELLERİNDE İNCELENMESİ, 2018 - 2019
- EKEN A., CANATAN H., OKUŞ F. Z., Project Supported by Higher Education Institutions, S1P analoglarının IL-23 reseptör yolağına etkilerinin araştırılması, 2018 - 2019
- EKEN A., ÖZDARENDELİ A., MİRZA M., YETKİN M. F., CANATAN H., Project Supported by Higher Education Institutions, S1P1 reseptörünün Multiple Skleroz patogenezinde rol alan insan Th17 hücrelerinin gelişimine ve fonksiyonlarına etkilerinin araştırılması, 2016 - 2018

Memberships / Tasks in Scientific Organizations

Türk İmmünoloji Derneği, Member, 2016 - Continues

The American Association of Immunologists (AAI), Member, 2015 - Continues

Metrics

Publication: 110

Citation (WoS): 414

Citation (Scopus): 424

H-Index (WoS): 11

H-Index (Scopus): 10

Awards

Yetkin M. F., Eken A., Aslan K., Canatan H., Investigation of damage-associated molecular motifs and receptor levels in cerebrospinal fluid and peripheral blood samples obtained from individuals with Relapsing Multiple Sclerosis at the time of diagnosis and their relationship with disease activity, Türkiye Multipl Skleroz Derneği Ve Abdi İbrahim İlaç Sanayi, October 2023

Eken A., BAGEP 2022 ÖDÜLÜ, Bilim Akademisi, March 2022

Eken A., TÜBA GEBİP ÖDÜLÜ 2021, Türkiye Bilimler Akademisi, December 2021

Odabaşı G. P., Aslan K., Suna P. A., Kendirli P. K., Erdem Ş., Çakır M., Özcan A., Yılmaz E., Karakükçü M., Altuntaş H., et al., Sözel Sunu Birincilik Ödülü, 13.Ulusal Pediatrik Hematoloji Kongresi, October 2021

Eken A., Ulutabanca H., Vural A., Küçük A., Erdem Ş., Best Poster Award: Characterization Of Innate Lymphoid Cells Cultured With IdBest Poster award: h1 Wt U-87 MG And Idh1 Mutant-U-87 Glioblastoma Cell Lines, European Congress Of Immunology (Eci) 2021 European Federation Of Immunological Societies (Efis), September 2021

Eken A., Yetkin M. F., Mirza M., Canatan H., Karayığit M. Ö., Altuntaş H., 2019 AAI Early Career Faculty Travel Grant, American Association Of Immunologists (Aai), May 2019

Eken A., 2019 Geleneksel Gevher Nesibe Araştırma Teşvik Ödülleri, Erciyes Üniversitesi, March 2019

EKEN A., 2018 AAI Early Career Faculty Travel Grant, American Association of Immunologists (AAI), May 2018

Eken A., Ünal E., Canatan H., Altuntaş H., Cansever M., Karakükcü M., 4th Clinical Immunology Congress Best Poster Award (Clinical Immunology SocietyTurkey), Klinik İmmünoloji Derneği, April 2018

EKEN A., World Immune Regulation Meeting XII Travel Grant, World Immune Regulation Meeting XII, March 2018

EKEN A., Prof. Dr. Olcay Yeğın Başarılı Araştırmacı Ödülü, Türk İmmünoloji Derneği, April 2017

EKEN A., 2017 AAI Early Career Faculty Travel Grant, American Association of Immunologists (AAI), April 2017

EKEN A., AAI Travel Grant for the International Congress of Immunology 2016 (ICI 2016), American Association of Immunologists (AAI), August 2016

Non Academic Experience

University of Washington/ Seattle Children's Research Institute

Brown University/Rhode Island Hospital