

ERDEM TÜZÜN

PROF.

Email : erdemtuzun@istanbul.edu.tr

Other Email : drerdem@yahoo.com

Office Phone : [+90 212 414 2000](tel:+902124142000) Extension: 33356

Office Phone : [+90 212 414 2000](tel:+902124142000) Extension: 33321

Fax Phone : [+90 212 532 4171](tel:+902125324171)

Address : Vakıf Guraba Cad. Şehremini-Fatih-İstanbul

International Researcher IDs

ScholarID: FL3VmHYAAAAJ

ORCID: 0000-0002-4483-0394

Publons / Web Of Science ResearcherID: AAH-9212-2019

ScopusID: 7004137692

Yoksis Researcher ID: 156716



Learning Knowledge

Post Doctorate 2021 - 2022	University of Oxford, Neurology, England
Post Doctorate 2006 - 2007	University of Pennsylvania, Neurology, United States Of America
Post Doctorate 2001 - 2006	University of Texas at Austin, University Of Texas Medical Branch, Galveston, Tx, Abd, United States Of America
Post Doctorate 2000 - 2001	University of Oxford, Neurology, United Kingdom
Expertise In Medicine 1995 - 2000	Istanbul University, Istanbul Medical Faculty, Nöroloji, Turkey
Masters (Non-Thesis) 1991 - 1995	Istanbul University, Istanbul Medical Faculty, Turkey
Undergraduate 1989 - 1991	Istanbul University, Istanbul Medical Faculty, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

Expertise In Medicine, Diabetes mellitus olgularında subklinik polinöropati araştırmasında F takeodispersiyonun yeri, Istanbul University, Istanbul Medical Faculty, Nöroloji, 2000

Academic Titles / Tasks

Professor 2015 - Continues	Istanbul University, Aziz Sancar Institute of Experimental Medicine, Department of Neuroscience
Associate Professor 2011 - 2015	Istanbul University, Aziz Sancar Institute of Experimental Medicine, Department of Neuroscience

Supported Projects

1. KÜÇÜKALİ C. İ., TÜZÜN E., ARICIOĞLU F., YILMAZ B., SÜMER E., BAHTİYAR B. C., YALÇIN B., ŞANLI E., Project Supported by Higher Education Institutions, Multimodal Etkili Bir Antidepresan Olan Vortiksetinin Olası Etkilerinin Deneysel Otizm Modelinde İncelenmesi, 2024 - Continues
2. ÇARÇAK YILMAZ N., YALÇIN B., ULUSOY C. A., ŞANLI E., YILDIZ K. N., TÜZÜN E., KÜÇÜKALİ C. İ., YÜCEER H., Project Supported by Higher Education Institutions, GABAB reseptör antikoru ilişkili otoimmün epilepside otoantikörlerin patojenik rollerinin araştırılması, 2024 - Continues
3. KÜÇÜKALİ C. İ., SEYAHİ E., GÜL A., DEMİRALP T., UYGUNOĞLU U., MAVRAL S. M., SOYLU S., TÜZÜN E., YILMAZ V., GÜNDÜZ T., et al., Project Supported by Higher Education Institutions, Behçet ve Nörobeçet Sendromunda Görülen Bilişsel Etkilenmenin Etyopatogenezinde Glial Aktivasyonun Epigenetik Düzenlenmesinin Rolü, 2022 - Continues
4. UĞUR İŞERİ S. A., ŞİRİN İNAN N. G., BEBEK N., KARAASLAN Z., YILMAZ V., KÜÇÜKALİ C. İ., ABACI N., ŞANLI E., SALMAN S. B., TÜZÜN E., et al., Project Supported by Higher Education Institutions, Anti-nöronal Antikor İlişkili Otoimmün Epilepside B Hücre Ekspresyon Analizinin Biyobelirteç Potansiyelinin Araştırılmasında Transkriptomik Yaklaşımı, 2021 - Continues
5. ORHUN G., ESEN F., GÜRVİT İ. H., SENCER N. S., BEBEK N., TÜZÜN E., YILMAZ V., BAYRAM A., POLAT Ö., BİLGİÇ B., et al., Project Supported by Higher Education Institutions, COVID19dan Sağ Kalan Yoğun Bakım Hastalarında Uzun Dönem Kognitif Bozukluk Gelişiminin Değerlendirilmesi, 2021 - Continues
6. BİLGİÇ B., TÜZÜN E., TÜBİTAK Project, Parkinson Hastalığı Hafif Kognitif Bozukluğu İçin Multimodal Manyetik Rezonans Görüntüleme Temelli Biyoışaretleyicilerin Belirlenmesi, 2015 - Continues
7. ESEN F., TÜZÜN E., YILMAZ V., ULUSOY C. A., ERGİN ÖZCAN P., ORHUN G., CANBAZ M., YEŞİLOVA O., Project Supported by Higher Education Institutions, Deneysel sepsis modelinde intravenöz immunglobulin uygulamasının inflamasyon ve otofaji belirteçleri üzerine etkilerinin böbrek dokusunda değerlendirilmesi, 2022 - 2024
8. Tüzün E., Irani S., Project Supported by Public Organizations in Other Countries, The pathogenic impact of LGI1 and CASPR2 autoantibodies in autoimmune epilepsy, 2022 - 2024
9. ORHAN N., KÖK KENDİRLİOĞLU B., TÜZÜN E., Project Supported by Higher Education Institutions, Bipolar Bozukluğu Olanlar ve Birinci Derece Yakınlarında Aksonal Dejenerasyonla İlgili Belirteçler Bilişsel İşlevler ve Ak Madde İlişkisi, 2022 - 2024
10. TOPALOĞLU P., ÇIRAK S., KİZEK Ö., KARAASLAN Z., KARACAN İ., TÜZÜN E., BAYKAL B., YAPICI Z., KÜÇÜKALİ C. İ., UĞUR İŞERİ S. A., et al., Project Supported by Higher Education Institutions, Sınıflandırılmayan ve nadir epileptik ensefalopati tanılı hastalarda tüm ekzom dizileme analizi, 2021 - 2024
11. YAPICI OBUZ Z., EMEKLİ S., ÇIRAK S., TOPALOĞLU P., TÜZÜN E., KÜÇÜKALİ C. İ., YILMAZ V., KARAASLAN Z., DÖRTKOL Ş. O., SAVAŞ M., et al., Project Supported by Higher Education Institutions, Uykuda Elektriksel Status Epileptikus Hastalarının Klinik Özellikleri ve İmmünolojik ve Genetik Biyobelirteçlerin Araştırılması, 2021 - 2024
12. ŞİRİN İNAN N. G., YILMAZ V., TÜZÜN E., KOCASOY ORHAN E., BASLO M. B., Project Supported by Higher Education Institutions, GUİLLAİN BARRE SENDROMU ALT GRUPLARININ KENTİMİZDEKİ SIKLIĞININ BELİRLENMESİ

AMACIYLA HASTALARIN ANTİGANGLİOZİD ANTİKOR DÜZEYLERİNİN DEĞERLENDİRİLMESİ VE TEKRARLANAN ELEKTROFİZYOLOJİK İNCELEMELER İLE TAKİBİ, 2020 - 2024

13. TÜZÜN E., AKBAYIR E., ULUSOY C. A., KÜÇÜKALİ C. İ., EKİZOĞLU TURGUT E., ERDAĞ E., Project Supported by Higher Education Institutions, İnme Olgularındaki Antinöronal Antikor Varlığının İncelenmesi, 2022 - 2023
14. TÜZÜN E., KÜÇÜKALİ C. İ., AKAT Ş., ÇARÇAK YILMAZ N., KARAAHMUTOĞLU T., ERDAĞ E., ONAT F., ULUSOY C. A., KARAASLAN Z., ÇIRAK S., et al., Project Supported by Higher Education Institutions, OTOİMMÜN ENSEFALİT ANTİKOR UYGULAMASI EPİLEPSİ NÖBETİNE YOL AÇAR MI HAYVAN MODELLERİ İLE ARAŞTIRILMASI, 2019 - 2023
15. GÜNGÖR TUNCER Ö., NALBANTOĞLU M., KÜÇÜKALİ C. İ., ŞANLI E., AYKUTLU E., ŞANLI E., TÜZÜN E., YÜCEER H., USLU F., YÜCEER H., et al., Project Supported by Higher Education Institutions, NONKONVÜLZİF STATUS EPİLEPTİKUSUN EŞLİK ETTİĞİ KOMA HASTALARINDA PROGNOZ VE TEDAVİYE CEVABI BELİRLEYEN BİYOLOJİK BELİRTEÇLERİN ARAŞTIRILMASI, 2019 - 2023
16. TÜZÜN E., ERSOY TUNALI N., SAĞIR F., Project Supported by Higher Education Institutions, Multipl Skleroz Hastalığında miRNAların Biyobelirteç Olarak Araştırılması, 2019 - 2023
17. ULUSOY C. A., YÜCEER H., KARAASLAN Z., TÜZÜN E., KÜÇÜKALİ C. İ., YILMAZ V., ŞANLI E., KÜRTÜNCÜ M., AKBAYIR E., Project Supported by Higher Education Institutions, Multipl skleroz olgularında perisit sağkalımını etkileyen serum ve BOS faktörlerinin araştırılması, 2021 - 2022
18. DENİZ G., ÇINAR Ç., KÖSE M., ÇAĞATAY A. A., ÇETİN E., AKDENİZ N., GÜL A., TAHRALI İ., GELMEZ M. Y., KÜÇÜKSEZER U. C., et al., Project Supported by Higher Education Institutions, COVID Enfekte Hastalarda Doğal ve Edinsel İmmün Yanıt, 2020 - 2022
19. PARMAN F. Y., TÜZÜN E., ÖZDAĞ ACARLI A. N., YILMAZ V., Project Supported by Higher Education Institutions, Kronik İnflamatuvar Demiyelinizan Polinöropati Hastalarında B hüresine Spesifik Gen Ekspresyonlarının Belirlenmesi, 2019 - 2021
20. KÜÇÜKALİ C. İ., TİMİRCİ KAHRAMAN Ö., TÜZÜN E., TUBITAK Project, Multiple Skleroz Hastalığında Perisitlerin Rolünün Hastalık Alt Tiplerinde Araştırılarak Klinik Tarama Sistemi Geliştirilmesi, 2017 - 2020
21. KÜÇÜKALİ C. İ., TİMİRCİ KAHRAMAN Ö., TÜZÜN E., TUBITAK Project, Multiple Skleroz Hastalığında Perisitlerin Rolünün Hastalık Alt Tiplerinde Araştırılarak Klinik Tarama Sistemi Geliştirilmesi, 2017 - 2020
22. BAYKAL B., TÜZÜN E., KÜÇÜKALİ C. İ., AKBAYIR E., YÜCEER H., Project Supported by Higher Education Institutions, Epilepsi Hastalarında Otoimmünite İle İlişkili Alt Tiplerin Araştırılması, 2018 - 2019
23. TÜZÜN E., AKBAYIR E., Project Supported by Higher Education Institutions, MS Hastalarının Bellek Protein Ekspresyon Düzeylerinin Kognitif Rehabilitasyona Bağlı Değişimlerinin İncelenmesi, 2018 - 2019
24. TÜZÜN E., ŞEN M., Project Supported by Higher Education Institutions, Benign MS Hastalarının B Hücre İmmünfenotiplenmesi ve B Hüresine Özgü Moleküllerin Ekspresyon Analizi, 2018 - 2019
25. BAYKAL B., TÜZÜN E., VANLI E. N., KÜÇÜKALİ C. İ., ULUSOY C. A., Project Supported by Higher Education Institutions, Epilepsi Hastalarında İnflamasyonun Klinik Bulgular ile İlişkisi ve Tedavideki Rolü, 2017 - 2019
26. YILMAZ V., KÜRTÜNCÜ M., ULUSOY C. A., TÜZÜN E., Project Supported by Higher Education Institutions, Teriflunomid Tedavisinin Deneysel Otoimmün Miyastenia gravis üzerine etkileri, 2017 - 2019
27. KÜÇÜKALİ C. İ., KÜRTÜNCÜ M., TÜZÜN E., YETİMLER B., Project Supported by Higher Education Institutions, Multipl Sklerozda Oligoklonal Band Durumuna Göre Biyobelirteçlerin Kütle Spektrometre İle Belirlenmesi, 2017 - 2018
28. TÜZÜN E., KIÇIK A., Project Supported by Higher Education Institutions, Parkinson Hastalığında Görülen Kognitif Bozulmanın Nörobiyolojik Mekanizmalarının Genetik ve Nörogörüntüleme Yaklaşımlarıyla İncelenmesi, 2016 - 2018
29. KÜÇÜKALİ C. İ., TÜZÜN E., BAYKAL B., Kasap M., Akpınar G., TUBITAK Project, Epilepsi Hastalarında Otoimmünite İle İlişkili Alt Tiplerin Araştırılması, 2015 - 2018
30. Üçok V. A., Yaylım İ., Tüzün E., Küçük hüseyin Ö., Hakan M. T., Noyan H., TUBITAK Project, Şizofreni Hastaları ve kardeşlerinde kinürenin yolağı metabolitleri, vitamin D ve inflamasyon belirteçlerinin kognisyon ve klinik belirtiler ile ilişkisi, 2015 - 2016
31. TÜZÜN E., Project Supported by Higher Education Institutions, PARKİNSON HASTALIĞI VE AKCİĞER KANSERİNDE DJ-1 VE ?-SİNÜKLEİNİN ORTAK P13K/AKT YOLAĞI ÜZERİNDEKİ ETKİLERİNİN KARŞILAŞTIRILMASI, 2013 - 2016
32. TÜZÜN E., EU Framework Program Project, ALS'de tanıya yönelik biyobelirteçlerin optimizasyon ve harmonizasyonu, 2012 - 2016
33. TÜZÜN E., EU Framework Program Project, Alzheimer ve Parkinson hastalığında tanı yöntemlerinin validasyonu,

2012 - 2015

34. TÜZÜN E., KÜÇÜKALİ C. İ., Project Supported by Higher Education Institutions, İntraserebral Nöro-Behçet IgG ve serum enjeksiyonunun beyin parankim histolojisi üzerine etkileri, 2013 - 2014
35. TÜZÜN E., TUBITAK Project, Seronegatif nöromiyelitis optika hastalarında yeni antinöronal antikorlar, 2012 - 2013
36. TÜZÜN E., EU Supported Other Project, MuSK-MG'de fizyopatolojik mekanizmalar, 2009 - 2012
37. TÜZÜN E., VURAL B., TUBITAK Project, Nöro-behçet Hastalarında Otoreaktivite Gelişen Antijenlerin Serex Metodu ile Belirlenmesi, 2008 - 2011
38. Tüzün E., Other International Funding Programs, Effector roles of C1q, IL-6 and TNF- α in murine myasthenia gravis, 2004 - 2007
39. Tüzün E., Other International Funding Programs, Role of the classical complement pathway in experimental autoimmune myasthenia gravis, 2002 - 2004
40. Tüzün E., Other International Funding Programs, Involvement of antibodies to ion channels in central nervous system disorders, 2000 - 2000

Awards

1. Karaaslan Z., Şengül Yediel B., Şanlı E., Yüceer H., Dursun E., Gezen Ak D., Timirci Kahraman Ö., Baykal A. T., Akgül E., Gündüz T., et al., Sözel Bildiri Birincilik Ödülü, Türk Nöroloji Derneği, November 2022
2. Akat Pişkin Ş., Yüceer H., Ulusoy C. A., Küçükali C. İ., Onat F., Tüzün E., Çarçak Yılmaz N., Poster Presentation Award, International League Against Epilepsy (Ilae), July 2022
3. Yüceer H., Akat Pişkin Ş., Ulusoy C. A., Çırak S., Karaaslan Z., Çarçak Yılmaz N., Küçükali C. İ., Onat F., Tüzün E., Oral Presentation First Prize, Türk Epilepsi İle Savaş Derneği, May 2022
4. Yüceer H., Küçükali C. İ., Tüzün E., Bilgiç B., Ergen H. A., Hanağası H. A., Poster First Prize, Türk Biyokimya Derneği, December 2020
5. Yüceer H., Küçükali C. İ., Yılmaz V., Gezen Ak D., Dursun E., Benbir Şenel G., Akpınar G., Kasap M., Karadeniz D., Tüzün E., First Place Oral Presentation Award, Türk Nöroloji Derneği, November 2019
6. Tüzün E., 30th ECNP Congress of Applied and Translational Neuroscience CDE Grant, Ecnp Congress, November 2017
7. Tüzün E., İstanbul Üniversitesi Başarılı Araştırmacı Ödülü, İstanbul Üniversitesi, September 2015
8. Tüzün E., Türk Nöropsikiyatri Derneği Bilimsel Araştırma Ödülü, Türk Nöropsikiyatri Derneği, September 2010
9. Tüzün E., James W. McLaughlin Postdoctoral Award for Excellence in Research on Infection and Immunity, Utmb Galveston, June 2004
10. Tüzün E., Beyin Araştırmaları Derneği Proje Birincilik Ödülü, Beyin Araştırmaları Derneği, April 1999

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Distinctive sleep complaints and polysomnographic findings in antibody subgroups of autoimmune limbic encephalitis**
Küçükali C. İ., Yılmaz V., Karadeniz D., Akyıldız U. O., İlhan Algın D., Sarıtaş A. Ş., Kısabay Ak A., Bican Demir A., Yılmaz H., Domaç F. M., et al.
NEUROLOGICAL SCIENCES, vol.45, no.11, pp.5429-5439, 2024 (SCI-Expanded)
2. **Gene Expression Levels Related to Histone Acetylation are Altered in Parkinson Disease Patients**
Parkinson Hastalarında Histon Asetilasyonu ile İlgili Gen İfade Düzeylerinin Değişimi
Tunoğlu S., Yalçın B., Yenilmez Tunoğlu E. N., KARAASLAN Z., BİLGİÇ B., HANAĞASI H. A., TÜZÜN E., KÜÇÜKALİ C. İ.
Noropsikiyatri Arsivi, vol.61, no.3, pp.271-274, 2024 (SCI-Expanded)
3. **The Association Between Serum Levels of Glial Biomarkers, Clinical Severity and Electroencephalography Features in Idiopathic West and Lennox-Gastaut Syndromes**
Charkazzade M., Soylu S., Tüzün E., Yılmaz V., Sezgin M., Yapıcı Z., Küçükali C. İ., Topaloğlu P.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.61, no.2, pp.128-134, 2024 (SCI-Expanded)

4. **Patients with restless legs syndrome exhibit reduced serum colony-stimulating factor-1, humanin-like 3 and 10 levels**
Gülçiçek A., Şanlı E., Şenel G. B., Karadeniz D., Timirci-Kahraman Ö., Küçükali C. İ., Tüzün E.
ACTA NEUROLOGICA BELGICA, 2024 (SCI-Expanded)
5. **Electrodiagnostic methods to verify Guillain-Barré syndrome subtypes in Istanbul: A prospective multicenter study**
Tasdemir V., Sirin N. G., Cakar A., Culha A., Soysal A., Elmali A. D., Gunduz A., Arslan B., Yalcin D., Atakli D., et al.
JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM, vol.29, no.1, pp.72-81, 2024 (SCI-Expanded)
6. **Glycine Receptor β -Targeting Autoantibodies Contribute to the Pathology of Autoimmune Diseases.**
Wiessler A., Talucci I., Piro I., Seefried S., Hörlin V., Baykan B. B., Tüzün E., Schaefer N., Maric H. M., Sommer C., et al.
Neurology(R) neuroimmunology & neuroinflammation, vol.11, no.2, 2024 (SCI-Expanded)
7. **Autoimmune Encephalitis with Antibodies Against A-Amino-3hydroxy-5-Methyl-4-Isoxazolepropionic Acid Receptor and γ -Aminobutyric Acid-Beta Receptor: Case Report**
Doğan F. U., Samanci B., YILMAZ V., Hanağasi H. A., Gürvit İ. H., TÜZÜN E., BİLGİÇ B.
Noropsikiyatri Arsivi, vol.61, no.1, pp.94-96, 2024 (SCI-Expanded)
8. **Peripheral blood regulatory B and T cells are decreased in patients with focal epilepsy**
ŞANLI E., ŞİRİN İNAN N. G., KÜÇÜKALİ C. İ., Baykan B., ULUSOY C. A., BEBEK N., YILMAZ V., TÜZÜN E.
JOURNAL OF NEUROIMMUNOLOGY, vol.387, 2024 (SCI-Expanded)
9. **Seronegative NMOSD patients display distinctive peripheral blood T-cell subset frequencies**
Sanli E., Karaaslan Z., Yilmaz V., Gunduz T., Kurtuncu M., Turkoglu R., Kucukali C. İ., Tuzun E.
CLINICAL AND EXPERIMENTAL IMMUNOLOGY, 2024 (SCI-Expanded)
10. **Kelch-like Protein 11 (KLHL11) Antibodies in Children With Seizures of Undetermined Cause.**
Tzartos J., Pechlivanidou M., Bosveli D., Ninou E., Yuceer H., Yalcin B., Kucukali C. İ., Tuzun E., Tzartos S., Turkdogan D.
In vivo (Athens, Greece), vol.38, no.1, pp.351-357, 2024 (SCI-Expanded)
11. **Neuronal nicotinic acetylcholine receptor antibodies in autoimmune central nervous system disorders**
Pechlivanidou M., Vakrakou A. G., Karagiorgou K., Tüzün E., Karachaliou E., Chroni E., Afrantou T., Grigoriadis N., Argyropoulou C., Paschalidis N., et al.
FRONTIERS IN IMMUNOLOGY, vol.15, 2024 (SCI-Expanded)
12. **Altered Cerebrospinal Fluid Neurofilament Light Chain but Not Neurogranin Levels Are Associated with Response to Ocrelizumab Treatment in Relapsing-Remitting Multiple Sclerosis: A Preliminary Study.**
Kızılay T., Akbayir E., Erol R., Demir A. S., Özkan Yaşargün D., Yilmaz V., Tuzun E., Turkoglu R.
European neurology, vol.87, no.4, pp.203-210, 2024 (SCI-Expanded)
13. **Disease activity in chronic inflammatory demyelinating polyneuropathy: association between circulating B-cell subsets, cytokine levels, and clinical outcomes**
Ozdog Acarli A. N., Tuzun E., Sanli E., Koral G., Akbayir E., Cakar A., Sirin N. G., Soysal A., Aysal F., Durmus H., et al.
CLINICAL AND EXPERIMENTAL IMMUNOLOGY, vol.215, no.1, pp.65-78, 2024 (SCI-Expanded)
14. **Cerebellar antibodies in post-stroke sera of acute ischemic stroke patients**
Atmaca M. M., Erdağ E., Demir S., Yuceer H., Çolak Atmaca M., Küçükali C. İ., Kürtüncü M., Tüzün E.
IDEGGYOGYASZATI SZEMLE, vol.76, no.11-12, pp.394-398, 2023 (SCI-Expanded)
15. **Silencing of FCRLB by shRNA ameliorates MuSK-induced EAMG in mice**
Koral G., Ulusoy C., Cossins J., Lazaridis K., Türkoğlu R., Dong Y. Y., Tüzün E., Yılmaz V.
JOURNAL OF NEUROIMMUNOLOGY, vol.383, 2023 (SCI-Expanded)
16. **Chloride intracellular channel protein-1 (CLIC1) antibody in multiple sclerosis patients with predominant optic nerve and spinal cord involvement**
KARAASLAN Z., Şengül-Yediel B., Yuceer-Korkmaz H., ŞANLI E., GEZEN AK D., DURSUN E., TİMİRCİ KAHRAMAN Ö., BAYKAL A. T., YILMAZ V., Türkoğlu R., et al.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.78, 2023 (SCI-Expanded)
17. **Distribution of peripheral blood mononuclear cell subtypes in patients with West syndrome: Impact**

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Soylu S., Cherkezade M., Akbayır E., Korkmaz H., Koral G., Şanlı E., Topaloğlu P., Yılmaz V., Tüzün E., Küçükali C. İ. IMMUNOLOGY LETTERS, vol.261, pp.17-24, 2023 (SCI-Expanded)

18. **Potential Role of Antibodies against Aquaporin-1 in Patients with Central Nervous System Demyelination**
Pechlivanidou M., Xenou K., Tzanetakos D., Koutsos E., Stergiou C., Andreadou E., Voumvourakis K., Giannopoulos S., Kilidireas C., TÜZÜN E., et al.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.24, no.16, 2023 (SCI-Expanded)
19. **Demyelinating Inflammatory Disorders of the Central Nervous System in the Era of COVID-19: Cases with Mild Infectious Symptoms**
Özkan Yaşargün D., Türkoğlu R., Tüzün E.
NOROPSIKIYATRI ARSIVI, vol.60, no.3, pp.191-193, 2023 (SCI-Expanded)
20. **Generalized Peripheric Nerve Hyperexcitability with Neuropathy: Case Series with Long-Term Outcome.**
Akan O., Baysal L., Uzunhan T. A., Tüzün E.
Noro psikiyatri arsivi, vol.61, no.2, pp.184-188, 2023 (SCI-Expanded)
21. **Autoimmune Mechanisms in Focal Epilepsy of Unknown Cause**
ŞANLI E., YILMAZ V., TÜZÜN E.
NEUROLOGICAL SCIENCES AND NEUROPHYSIOLOGY, vol.40, no.3, pp.113-121, 2023 (SCI-Expanded)
22. **Serum IgG of patients with relapsing inflammatory optic neuropathy immunoreacts with Sox2-positive glial cells of the optic nerve**
Erdağ E., Emekli A. S., Gündüz T., Küçükali C. İ., Kürtüncü M., Tüzün E.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.73, 2023 (SCI-Expanded)
23. **Perivascular PDGFRB+ cells accompany lesion formation and clinical evolution differentially in two different EAE models**
Şekerdağ Kılıç E., Ulusoy C. A., Atak D., Özkan E., Gökyüzü A. B., Seyaj S., Deniz G., Uçar E. A., Salih Budan A., Zeybel M., et al.
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1. **IgG4 autoantibodies in the context of IgG4 autoimmunity**
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2. **Neuroscience for neurologists**
Yemişçi Özkan M. (Editor), Karataş Kurşun H. (Editor), Küçükali C. İ. (Editor), Tüzün E. (Editor), Baştan B. (Editor)
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3. **The experimental animal models for the research of neuroimmunological diseases**
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5. **Synaptic Transmission**
Yüceer H., Tüzün E.
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6. **Channels and transporters**
Şanlı E., Tüzün E.
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7. **Neuroinflammation in the central nervous system**
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8. **Epilepsi ve status epileptikusta inflamatuvar mekanizmalar, biyobelirteçler ve tedavi yaklaşımları**
Tüzün E.
in: Epilepsi ve Farmakoterapisi Klinik ve Nörobiyolojik Yaklaşım, Dervent A., Yılmaz Onat F., Altındag E., Editor, Nobel Tıp Kitabevi, İstanbul, pp.1-15, 2022
9. **Neuro-Behçet's Disease**
Tüzün E. (Editor), Kürtüncü M. (Editor)
Springer, London/Berlin, London, 2021
10. **Neuro-oncology**
Tüzün E., Hanağası F., Sabancı P. A., Akman-Demir G., Yazıcı J.
in: İTF Neurology e-book, A. Emre Öge, Betül Baykan, Başar Bilgiç, Editor, Nobel Yayın Dağıtım, İstanbul, pp.733-757, 2021
11. **Multipl skleroz etiyolojisi**
Tüzün E.
in: Multipl Skleroz, Yeşim Beckmann, Cihat Uzunköprü, Editor, Ema Tıp Kitabevi, İstanbul, pp.15-24, 2021
12. **Animal Models of Behçet's Disease**
Yüceer H., Tüzün E.
in: Neuro-Behçet's Disease, Erdem Tüzün, Murat Kürtüncü, Editor, Springer-Verlag, London, pp.41-48, 2021
13. **Neuro-Behçet's Disease: Epidemiology and Genetics**
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14. **İnfeksiyöz ve inflamatuvar epilepsiler**
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in: Epilepsi, Bora İbrahim H., Yeni S. Naz, Gürses Candan, Editor, Nobel Yayın Dağıtım, İstanbul, pp.183-222, 2018
15. **Nanotechnology-based management of neurological autoimmune diseases**
TÜZÜN E.
in: Nanotechnology Methods for Neurological Diseases and Brain Tumors: Drug Delivery across the Blood-Brain Barrier, Gürsoy-Özdemir Y., Pehlivan SB., Şekerdağ E., Editor, Elsevier Science, Oxford/Amsterdam, Londra, pp.279-

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16. **Santral sinir sisteminin nörolojik hastalıkları**

Çoban A., TÜZÜN E.

in: Çocukluk ve Adolesan Döneminin Nörolojik Hastalıkları Rehberi, Dervent A, Ayta S, Cokar O, Uluduz D, Editor, Ulusal Nöroloji Derneği, İstanbul, pp.207-213, 2015

17. **Limbik ensefalit**

TÜZÜN E.

in: Temel ve Klinik Nöroimmünoloji, Karabudak R, Editor, Ada Yayıncılık, İstanbul, pp.511-519, 2013

18. **Paraneoplastik nörolojik sendromlar**

Altunrende B., Akman-Demir G., Tüzün E.

in: Temel ve Klinik Nöroimmünoloji, Karabudak R, Editor, Ada Yayıncılık, İstanbul, pp.521-536, 2013

19. **Miyastenia gravis modeli**

Tüzün E., Ulusoy C. A.

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20. **İmmünolojik Mekanizmalı Nörolojik Hastalıklar**

Şahin H., TÜZÜN E.

in: Temel Nöroloji, Emre M, Editor, Güneş Yayınları, İstanbul, pp.997-1001, 2011

21. **Paraneoplastik Nörolojik Sendromlar**

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in: Temel Nöroloji, Emre M, Editor, Güneş Yayınları, İstanbul, pp.1145-1151, 2011

22. **Kanser hastasının nörolojik sorunları**

ERKOL G., TÜZÜN E., SİVA A.

in: Kanser Hastasına Yaklaşım, Molinas Mandel M, Onat H, Editor, Nobel Yayın Dağıtım, İstanbul, pp.275-301, 2011

23. **Pathogenic mechanisms in myasthenia gravis**

TÜZÜN E., Vincent A.

in: Myasthenia Gravis Disease Mechanisms and Immune Intervention, Christadoss P, Editor, Linus Publications, New York, pp.23-39, 2010

24. **Targeting classical complement pathway and IL-6 in experimental autoimmune myasthenia gravis.**

TÜZÜN E., Christadoss P.

in: Myasthenia Gravis Disease Mechanisms and Immune Intervention, Christadoss P, Editor, Linus Publications, New York, pp.327-351, 2010

25. **Neuromuscular Junction Disorders**

TÜZÜN E., Vincent A.

in: Master in Neuroimmunology, Montalban XG, Sastre-Garriga J, Editor, Viguera Editores S.L., Barcelona, pp.275-325, 2009

26. **Nöroonkoloji**

TÜZÜN E., Akman-Demir G., Yazıcı J.

in: Nöroloji Ders Kitabı, Öge AE, Baykan B, Editor, -, İstanbul, pp.577-593, 2009

27. **Complement associated pathogenic mechanisms in myasthenia gravis**

TÜZÜN E., Christadoss P.

in: Neuroimmunology Research Perspectives, Johansson LM, Editor, Nova Science Publishers, New York, pp.103-129, 2007

Academic and Administrative Experience

2021 - Continues	Neuro-oncology Board	EAN - European Academy of Neurology, Scientific Boards
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2019 - 2022	Uluslararası İşbirliği Projeleri Araştırma Destek Grubu (UPAG)	The Scientific and Technological Research Council of Turkey
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Advising Theses

- Tüzün E., Multipl sklerozda periferik regülatör hücre fonksiyonlarının hastalık patogenezi ile ilişkisinin değerlendirilmesi, Doctorate, E.AKBAYIR(Student), 2024
- Tüzün E., Dijital manipülasyonun yutmadaki etkinliği, Doctorate, G.KÖPRÜCÜ(Student), 2023
- Tüzün E., Multipl skleroz hastalığında miRNA'ların biyobelirteç olarak araştırılması, Doctorate, F.SAĞIR(Student), 2023
- Tüzün E., Nörodejeneratif hastalıklarda hücre senesans mekanizmasının rolü, Doctorate, Y.MERİÇ(Student), 2020
- Tüzün E., KİS'TEN RRMS'YE DÖNÜŞEN OLGULARDA B HÜCRE SPESİFİK GEN EKSPRESYON DÜZEYLERİNİN BELİRLENMESİ, Postgraduate, İ.ERDEM(Student), 2020
- Tüzün E., MS hastalarının bellek protein ekspresyon düzeylerinin kognitif rehabilitasyona bağlı değişimlerinin incelenmesi, Postgraduate, E.AKBAYIR(Student), 2019
- Tüzün E., Multiple skleroz patofizyolojisinde perisitlerin rolü, Doctorate, C.AYSEL(Student), 2019
- Tüzün E., Genetik absans epilepsi modeli WAG/Rij sıçanlarda nanopartikül bağlı antiepileptik ilacın kan-beyin bariyeri dinamikleri ve antiepileptojenik etkileri, Doctorate, A.TEMİZYÜREK(Student), 2019
- Tüzün E., Glisin reseptör antikoru pozitif kriptojenik fokal epilepside periferik kan hücrelerinin immünotiplendirilmesi ve antijenik yanıtlarının araştırılması, Postgraduate, E.ŞANLI(Student), 2019
- Tüzün E., Benign MS hastalarının B hücre immünotiplenmesi ve B hücrelerine özgü moleküllerin ekspresyon analizi, Postgraduate, M.ŞEN(Student), 2019
- Tüzün E., Rolandik epilepsi olgularında dil bozuklukları ile anti nöronal antikor ilişkisinin incelenmesi, Doctorate, M.SAVAŞ(Student), 2019
- Tüzün E., İdiyopatik intrakraniyal hipertansiyon (İİH) hastalığında antinöronal membran antikorlarının araştırılması, Doctorate, B.YETİMLER(Student), 2019
- Tüzün E., Parkinson hastalığında görülen kognitif bozulmanın nörobiyolojik mekanizmalarının genetik ve nörogörüntüleme yaklaşımlarıyla incelenmesi, Doctorate, A.KIÇIK(Student), 2018
- TÜZÜN E., Nöro-Behçet Olgularının Serum İmmüoglobulin Örneklerinin Nöronal Sağkalım Üzerine Etkileri, Doctorate, E.Erdağ(Student), 2017
- Tüzün E., İyon kanalı antikorlarının nöronal membran protein ekspresyonu ve sağkalım üzerine etkileri, Doctorate, N.ALTUNCU(Student), 2017
- Tüzün E., Paraneoplastik nörolojik sendromlu kanser olgularında anti-nöronal antikorların prognostik değeri, Postgraduate, Ç.AYDIN(Student), 2017
- TÜZÜN E., MUSK-REAKTİF LENFOSİTLERİN DENEYSEL OTOİMMÜN MİYASTENİA GRAVİS MODELİNDE KARAKTERİZASYONU VE BİYOBELİRTEÇ OLARAK DEĞERLERİNİN ARAŞTIRILMASI, Postgraduate, M.Küçükkerden(Student), 2016
- Tüzün E., Bipolar hastalarda nöroinflamasyon ve nöronal yıkım belirteçlerinin farklı hastalık alt gruplarında karşılaştırılmalı incelenmesi, Postgraduate, U.AKCAN(Student), 2016
- Tüzün E., P2 pürinerjik reseptörlerinin nöronal sağkalım sürecindeki değişimleri, Postgraduate, A.ÖRÇEN(Student), 2016
- Tüzün E., Parkinson hastalığı ve akciğer kanserinde dj-1 ve alfa-sinüklein'in ortak PI3K/AKT yolu üzerindeki etkilerinin karşılaştırılması, Postgraduate, N.YALÇINKAYA(Student), 2015
- Tüzün E., Parkinson hastalığı'nın hayvan modelinde PI3K/Akt yolu ile mitokondriyal, oksidatif ve apoptotik parametrelerin ilişkisi, Postgraduate, H.HAYTURAL(Student), 2014
- Tüzün E., Deneysel otoimmün MuSK miyastenia graviste sitokinlerin rolü, Postgraduate, C.AYSEL(Student), 2013

Patent

- Karakaş N., Topçu O., Tüzün E., Timirci Kahraman Ö., Aras Y., Sabancı P. A., Methods using anti-slc3a2 autoantibodies and slc3a2 for detection of glioma brain tumor from patient serum, Patent, CHAPTER A Human Needs, The Invention Recourse Number: US20240060979A1 , Standard Registration, 2024

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TÜZÜN E., Methods and materials for treating autoimmune and/or complement mediated diseases and conditions, Patent, CHAPTER B Implementation of Operations; Transport, 2013

TÜZÜN E., Methods and materials for treating autoimmune diseases and conditions, Patent, CHAPTER B Implementation of Operations; Transport, 2011

Activities in Scientific Journals

Psychiatry and Clinical Psychopharmacology, Committee Member, 2023 - Continues

Journal of Multiple Sclerosis Research, Committee Member, 2022 - Continues

FRONTIERS IN IMMUNOLOGY, Committee Member, 2021 - Continues

Nöropsikiyatri Arşivi, Editor, 2015 - Continues

EXPERIMED, First Editor, 2011 - 2020

Memberships / Tasks in Scientific Organizations

European Academy of Neurology (EAN), Member, 2021 - Continues, Austria

New York Academy of Sciences, Member, 2020 - Continues, United States Of America

Nöroimmünoloji Derneği, Board Member, 2001 - Continues

Nöropsikiyatri Derneği, Member, 2001 - Continues

Ulusal Nöroloji Derneği, Member, 2000 - Continues

Scientific Research / Working Group Memberships

Nöroonkoloji Çalışma Grubu - Neuro-Oncology Board, EAN (European Academy of Neurology), Austria,

<https://www.ean.org/home/organisation/scientific-panels/neuro-oncology>, 2021 - Continues

Translasyonel Nörobilim - Translational Neuroscience, Istanbul University, Turkey,

<https://www.noroloji.org.tr/altbirim/34/translasyonel-norobilim/kosullar/>, 2019 - Continues

Nöroimmünoloji Çalışma Grubu, İSTANBUL ÜNİVERSİTESİ, Turkey, Yok, 2000 - Continues

Uluslararası İşbirliği Projeleri Araştırma Destek Grubu (Upag), TÜBİTAK - The Scientific and Technological Research

Council of Turkey, Turkey, https://www.tubitak.gov.tr/sites/default/files/20689/ardeb_gyk_dk_uyeleri.pdf, 2019 - 2022

Mobility Activity

Sabbatical Leave, Guest Researcher, University of Oxford, England, 2021 - 2022

Metrics

Publication: 547

Citation (WoS): 6320

Citation (Scopus): 7431

H-Index (WoS): 32

H-Index (Scopus): 35

Invited Talks

9th International Symposium on Neurodegeneration with Brain Iron Accumulation (NBIA), Conference, NBIA, Turkey, October 2024
32nd International Congress of Clinical Neurophysiology, Conference, Congress of Clinical Neurophysiology, Switzerland, September 2022
FENS Meeting, Conference, FENS, Serbia, June 2019
31st International Epilepsy Congress, Conference, International Epilepsy Congress, Turkey, May 2015
International Conference on Myasthenia Gravis, Conference, International Conference on Myasthenia Gravis, France, March 2009
MDA Myasthenia Gravis Research Update, Seminar, Muscle Dystrophy Association, United States Of America, May 2006
GTCbio's Modern Drug Discovery & Development Summit, Conference, GTCbio, United States Of America, March 2006
Annual ANA meeting, Conference, American Neurology Association (ANA), Turkey, June 2005
MDA meeting, Conference, Muscular Dystrophy Association (MDA), United States Of America, June 2005
Myasthenia Gravis Foundation of America Scientific Session , Conference, Myasthenia Gravis Foundation of America, United States Of America, April 2003

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Internal Medicine Sciences, Neurology, Life Sciences, Neurobiology, Natural Sciences