



Volume 28 • Issue I • March 2022

# Archives of Epilepsy

Formerly: EPİLEPSİ



Cordus

EISSN 2792-0550  
[archepilepsy.org](http://archepilepsy.org)

# Archives of Epilepsy

## Editor

**S. Naz YENİ** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

## Associate Editors

**Sibel VELİOĞLU** 

Department of Neurology, Karadeniz Technical University, Faculty of Medicine, Trabzon, Turkey

**Gülnihal KUTLU** 

Department of Neurology, Muğla Sıtkı Koçman University, Faculty of Medicine, Muğla, Turkey

**Güray KOÇ** 

Clinic of Neurology, Ankara City Hospital, Ankara, Turkey

## Editorial Board

**A. Veyisi DEMİRBİLEK** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Andrew COLE** 

Department of Neurology, Massachusetts General Hospital, Boston, MA, USA

**Barış BAKLAN** 

Department of Neurology, Dokuz Eylül University, Faculty of Medicine, İzmir, Turkey

**Barış KORKMAZ** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Berrin AKTEKİN** 

Department of Neurology, Yeditepe University, Faculty of Medicine, İstanbul, Turkey

**Betül BAYKAL** 

Department of Neurology, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

**Candan GÜRSES** 

Department of Neurology, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

**Cengiz YALÇINKAYA** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Çiğdem ÖZKARA** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Derya KARADENİZ** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Dilek ATAĞLI** 

Clinic of Neurology, Bakırköy Prof. Dr. Mazhar Osman Mental Health and Neurological Diseases Training and Research Hospital, İstanbul, Turkey

**Filiz ONAT** 

Department of Medical Pharmacology, Acıbadem University, Faculty of Medicine, İstanbul, Turkey

**Fusun ERDOĞAN** 

Department of Neurology, Erciyes University, Faculty of Medicine, Kayseri, Turkey

**Gülçin BENBİR** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Hacer BOZDEMİR** 

Department of Neurology, Cumhuriyet University, Faculty of Medicine, Sivas, Turkey

**Hande ÇAĞLAYAN** 

Department of Molecular Biology and Genetics, Boğaziçi University, İstanbul, Turkey

**Hikmet YILMAZ** 

Department of Neurology, Celal Bayar University, Faculty of Medicine, Manisa, Turkey

**İbrahim AYDOĞDU** 

Department of Neurology, Ege University, Faculty of Medicine, İzmir, Turkey

**İbrahim BORA** 

Department of Neurology, Uludağ University, Faculty of Medicine, Bursa, Turkey

**İbrahim ÖZTURA** 

Department of Neurology, Dokuz Eylül University, Faculty of Medicine, İzmir, Turkey

**İrsel TEZER** 

Department of Neurology, Hacettepe University, Faculty of Medicine, Ankara, Turkey

**Kemal TUTKAVUL** 

Department of Neurology, Haydarpaşa Numune Training and Research Hospital, İstanbul, Turkey

**Lütfü HANOĞLU**

Clinic of Neurology, Medipol Hospital, İstanbul, Turkey

**Mehmet KAYA** 

Department of Physiology, Koç University, Faculty of Medicine, İstanbul, Turkey

**Mustafa UZAN** 

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Naci KOÇER** 

Department of Radiology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Nerses BEBEK** 

Department of Neurology, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

**Nurbay ATEŞ** 

Department of Physiology, Kocaeli University, Faculty of Medicine, Kocaeli, Turkey

**Özlem ÇOKAR** 

Department of Neurology, Haseki Training and Research Hospital, İstanbul, Turkey

**Pasquale PARISI** 

Department of Neuroscience, Sapienza University of Rome, Rome, Italy

**Pasquale STRIANO** 

Department of Neurology, University of Genova, Giannina Gaslini Institute, Genova, Italy

**Sándor BENICZKY** 

Department of Clinical Medicine, Department of Clinical Neurophysiology, Aarhus University, Aarhus, Denmark

**Serap SAYGI** 

Department of Neurology, Hacettepe University, Faculty of Medicine, Ankara, Turkey

**Soheyl NOACHTAR** 

Department of Neurology, Ludwig Maximilian University of Munich, Munich, Germany

**Tamer DEMİRALP** 

Department of Physiology, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Turkey

**Uğur ÖZBEK** 

Department of Medical Genetics, Acıbadem Hospital, İstanbul, Turkey

**Vedat Semai BEK** 

Department of Neurology, Muğla Sıtkı Koçman University, Faculty of Medicine, Muğla, Turkey

**Yasemin BİÇER GÖMCELİ** 

Department of Neurology, Antalya Medical Park Hospital, Antalya, Turkey



**Cordus**

**Founder**  
İbrahim KARA

**General Manager**  
Ali ŞAHİN

**Publishing Director**  
Gökhan ÇİMEN

**Editor**  
Hira Gizem FIDAN

**Publications Coordinators**  
Defne DOĞAN  
Vuslat TAŞ

**Web Coordinator**  
Doğan ORUÇ

**Finance Coordinators**  
Osman YALÇIN

**Contact**  
Address: Büyükdere Cad.  
105/9 34394 Mecidiyeköy,  
Şişli, İstanbul, Turkey  
Phone: +90 212 272 13 50  
E-mail: info@cordus.com.tr

# Archives of Epilepsy

## AIMS AND SCOPE

Archives of Epilepsy (Arch Epilepsy) is an scientific, open access periodical published in accordance with independent, unbiased, and double-blinded peer-review principles. The journal is the official online-only publication of Turkish Epilepsy Society, and the journal is a quarterly publication, published on March, June, September, and December. The publication languages of the journal are Turkish and English.

The aim of the journal is to publish original research articles of scientific and clinical value on epilepsy diseases. The Archives of Epilepsy also publishes reviews, rare case reports, and letters to the editors.

The target audience of the journal includes specialists, researchers and professionals who working and interested in the fields of psychiatry, neurology, psychology, behavioral sciences, and neuroscience.

Archives of Epilepsy is indexed in Web of Science-Emerging Sources Citation Index, DOAJ, CINAHL, EBSCO, Gale, ProQuest and TUBITAK ULAKBIM TR Index.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing ([doaj.org/bestpractice](https://doaj.org/bestpractice)).

## Advertisement Policy

Archives of Epilepsy can publish advertisement images in the journal's website upon the approval of the Editor in Chief. Potential advertisers should contact the Editorial Office. Advertisers have no effect on the editorial decisions or advertising policies.

## Disclaimer

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

## Open Access Statement

Archives of Epilepsy is an open access publication and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. Journal's archive is available online, free of charge at <https://archepilepsy.org/>. Archives of Epilepsy's content is licensed under a Creative Commons Attribution-NonCommercial (CC-BY-NC-ND) 4.0 International License.

You can reach the current version of the instructions to authors at <https://archepilepsy.org/>.

**Editor:** Seher Naz Yeni

**Address:** Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Turkey

**Phone:** +90 (212) 529 77 80

**E-mail:** [snaz@istanbul.edu.tr](mailto:snaz@istanbul.edu.tr)

**Publisher:** Cordus

**Address:** Büyükdere Caddesi, 105/9 34394 Şişli, İstanbul, Turkey

**E-mail:** [info@cordus.com.tr](mailto:info@cordus.com.tr)

**Web:** [www.cordus.com.tr](http://www.cordus.com.tr)

## CONTENTS

### Original Articles

- Investigation of the Effects of Antiepileptics On Mitotic Proliferation in Glioblastoma and Neuroblastoma in Vitro Cell Cultures** 1  
Şeyda Çevik Güneri, Ahmet Altun, Mehmet Celalettin Güneri, Ertuğrul Bolayır
- Examination of Parents' Knowledge, Attitudes, and Behaviors About Epilepsy** 8  
Hilal Aydın, Oğuzhan Korkut
- Health-Related Quality of Life in Patients with Epilepsy** 14  
Sezin Alpaydın Baslo, Songül Şenadım, Betül Tekin, Zeynep Ezgi Balçık, Mücahid Erdoğan, Ayten Ceyhan Dirican, Hüseyin Sarı, Dilek Ataklı
- Pseudo-Petit Mal Discharge: A Marker of Favorable Prognosis in Febrile Seizure** 18  
Beril Dilber, Nihal Yıldız, Tülay Kamaşak, Elif Acar Arslan, Sevim Şahin, Gülnur Esenülkü, Pınar Özkan Kart, Ali Cansu
- Evaluation of the Knowledge Level, Practice and Attitudes of the Caregivers on Ketogenic Diet Management** 23  
Sinem Bayram, Hilal Çalışkan
- Evaluation of Monocyte/Lymphocyte, Neutrophil/Lymphocyte, and Platelet/Lymphocyte Ratios in Patients with Temporal Lobe Epilepsy** 29  
Aslı Bolayır
- Levetiracetam Serum Concentrations in Pediatric Patients: Is There a Role in Clinical Decision Making?** 35  
Müjgan Arslan, Murat Yılmaz, Adnan Karaibrahimoğlu
- The Relationship Between Pituitary Gland Dimensions, Thyroid Functions, and Seizure Activity in Patients with Epilepsy** 39  
Fettah Eren, Cihat Özgüncü, Ahmet Hakan Ekmekci
- Case Reports**
- Could Coronavirus Disease 2019 Vaccine Be a New Terminology in Epileptic Seizure Etiology?** 43  
Burçin Durmuş, Sefer Özkaya
- Case Report of an Epileptic Nystagmus: Clinical Characteristics** 46  
Hakan Şilek, Rana Çağla Akduman