



Volume 28 • Issue 2 • June 2022

Archives of Epilepsy


Formerly: EPİLEPSİ



EISSN 2792-0550
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. Veysi 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 GÜRSEK 

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 ATAKLI 


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

Nurses 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



Founder

İbrahim KARA

General Manager

Ali ŞAHİN

Publishing Directors

İrem Soysal
Gökhan Çimen

Editor

Gizem Kayan Tekauz

Publications Coordinators

Arzu Arı
Deniz Kaya
Bahar Albayrak
Gamze Bilgen
Irmak Berberoğlu

Alara Ergin

Hira Gizem Fidan
Defne Doğan
Vuslat Taş

Web Coordinators

Sinem Fehime Koz
Doğan Oruç

Finance Coordinator

Elif Yıldız Çelik

Contact

Address: Büyükdere Cad., 105/9
34394 Şişli, İstanbul, Turkey
Phone: +90 212 217 17 00
E-mail: info@avesyayincilik.com
Webpage: www.avesyayincilik.com

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).

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

Publisher: AVES

Address: Büyükdere Cad., 105/9 34394 Sisli, İstanbul, Turkey

E-mail: info@avesyayincilik.com

Web: www.avesyayincilik.com

CONTENTS

Review

Precision Medicine and Pediatric Epilepsy

Aycan Ünalp, Erdem Adalıoğlu

48

Original Articles

Effect of *Stachys lavandulifolia* on Pentylentetrazole-Induced Seizures, Passive Avoidance Learning, and Oxidative Stress in Male Wistar Rats

Abdolkarim Hosseini, Farzin Allahyari, Vahid Azizi

53

Changes in the Expression of c-fos and AQP4 in the Hippocampus and Amygdala Regions of Rats with Kainic Acid-Induced Temporal Lobe Epilepsy and Their Role in the Pathogenesis of Disease

Emine Taşkiran, Canan Uğur Yılmaz, Nurcan Orhan, Mehmet Kaya, Nadir Arıcan, Metin Berkant Bahçeci, Bülent Ahışhali, Candan Gürses

59

Antimuscarinic-Induced Convulsions in Fasted Rats after Food Intake: EEG Patterns of Fasting, Scopolamine Treatment, and Convulsions

Aslı Zengin Türkmen, Asiye Nurten, Bilge Özerman Edis, İlknur Özen, Sacit Karamürsel, İlhan Kara

65

Effect of Resveratrol on a Penicillin-Induced Epilepsy Model in Rats

Zeynep Kasap Acungil, Tuncer Nacar

78

A Comparison of Video EEG Monitoring and Routine EEG for Diagnosis of Epilepsy

Gülşah Zоргör, Fulya Eren, Günay Gül, Zeynep Baştuğ Gül

85

The Effects of Short- and Long-Term Therapy on Laboratory Parameters Among Pediatric Patients with Epilepsy Receiving Antiepileptic Drug Monotherapy

Hilal Aydın, İbrahim Hakan Bucak, Mehmet Geyik

89

Case Report

A Case of Abdominal Epilepsia Partialis Continua Occurring One Year after Ischemic Stroke

Nazlı Gamze Bülbül, Nur Türkmen, Nevin Gürgör, Yeşim Beckmann

95