

Volume 30 • Issue I • March 2024

Archives of Cosy

Formerly: EPİLEPSİ





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, Turkev

Andrew COLE 0

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 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

üsun ERDOĞAN 🛚

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

Gülcin 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

HandeÇAĞLAYAN (

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

Hikmet YILMAZ 🤨

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

İbrahim AYDOĞDU ઉ

Department of Nuurology, 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 COKAR 💿

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 Ludwing Maximillian Univercity of Munich, Munich, Germany

Tamer DEMİRALP @

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

Uğur ÖZBEK 0

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



Publisher Contact

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 34093 İstanbul, Turkey Phone: +90 (530) 177 30 97 E-mail: info@galenos.com.tr/yayin@galenos.com.tr

Web: www.galenos.com.tr Publisher Certificate Number: 14521

Online Publication Date: March 2024

E-ISSN: 2792-0550

International scientific journal published quarterly.



Please refer to the journal's webpage (https://archepilepsy.org/) for "About Us", "Instructions to Authors" and "Ethical Policy".

The editorial and publication process of the Archives of Epilepsy are shaped in accordance with the guidelines of ICMJE, WAME, CSE, COPE, EASE, and NISO. The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing.

Archives of Epilepsy is indexed in Web of Science-Emerging Sources Citation Index, Scopus, EBSCO Academic Search Alumni Edition, EBSCO Academic Search Complete, EBSCO Academic Search Elite, EBSCO Academic Search Ultimate, EBSCO CINAHL Complete, Gale, ProQuest, J-Gate, DOAJ and TUBITAK ULAKBIM TR Index.

The journal is published electronically.

Owner: Nerses BEBEK on Behalf of Turkish Epilepsy Society

Responsible Manager: Seher Naz YENİ



CONTENTS

Original Articles

1 Protective Effects of Allantoin on Neural Cells of Hippocampal Region and Cognitive Function in a Mouse Model of Temporal Lobe Epilepsy

Mohsen Eslami Farsani, Ahmad Hatami Shahmir, Reihaneh Seyedebrahimi, Shima Ababzadeh, Azam Moslehi, Javad Tafaroji

7 Status Epilepticus Type, Etiology, and Treatment: One-year Data

Didar Çolakoğlu, Humay İsmayilzade, Berk Büke, Kadriye Ağan, İpek Midi

Demographic and Clinical Findings of Patients Monitored in a Newly Established Epilepsy Outpatient Clinic in the Çukurova Region: Experiences of a Tertiary Hospital in Turkey Zeynep Selcan Şanlı, Hülya Binokay

18 Limited Exposure to Social Isolation does not Affect the Spike Frequency and Amplitude of Penicillin-induced Epileptiform Activity in Adolescent Rats

Seval Müsüroğlu Keloğlan, Fatma Banu Aycık, Leyla Şahin, Fırat Aycık, Mustafa Ayyıldız, Erdal Agar

22 Puberty and Epilepsy Onset in Women

Galina Odintsova, Nina Dengina

27 Relationship Between Medication Adherence and Prospective Memory in Individuals with Epilepsy Ece Hilal, Yağmur Uluhan, Serkan Aksu, Semai Bek, Gülnihal Kutlu

Case Reports

31 Seeing Clowns with a Ring 20 Chromosome

Haşim Gezegen, İrem İlgezdi Kaya, Tuğba Kalaycı, Nermin Görkem Şirin, Birsen Karaman, Nerses Bebek, Betül Baykan

36 A Case of LGI1 Encephalitis Presenting with NORSE

Gökberk Metin, Özden Kamışlı