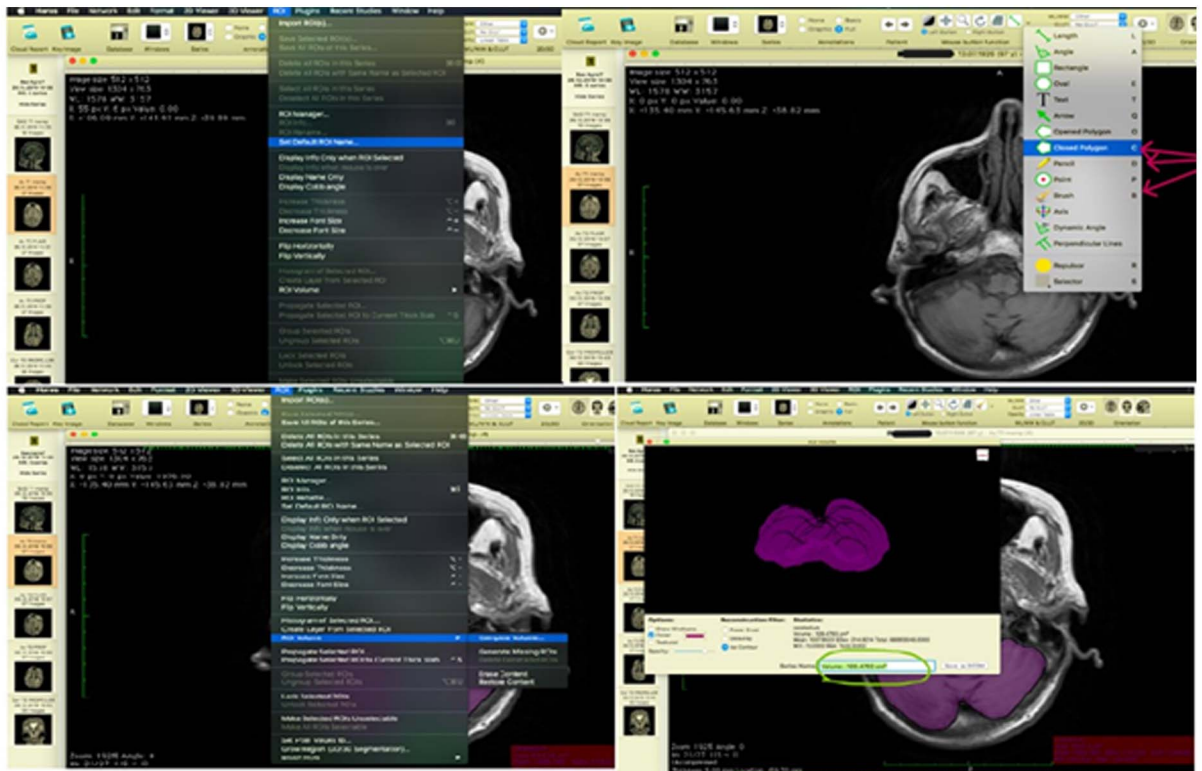


# NCMR

## Neuro-Cell Molecular Research



OPEN  
ACCESS

Volume 1, Number 2, 2024

# Neuro-Cell Molecular Research

<https://neurocellmolres.com.tr/>

Volume 1, Number 2, 2024

E-ISSN: 3023-8358 (Online)



## Indexing

Zenodo, OpenAIRE, Google Scholar, Türkiye Atıf Dizini

## Editorial Board

### Editor in Chief

**Dr. Yener YAZĞAN**, PhD,  
Kastamonu University, Türkiye  
**E-mail:** yyazgan@kastamonu.edu.tr

### Editors

**Dr. Kenan YILDIZHAN**, PhD,  
Van Yüzüncü Yıl University, Türkiye  
**E-mail:** kenanyldzhan@gmail.com

**Dr. Kıymet Kübra TÜFEKÇİ**, PhD,  
Kastamonu University, Türkiye  
**E-mail:** kubrayurt55@gmail.com

**Dr. Betül YAZĞAN**,  
Kastamonu University, Türkiye  
**E-mail:** betulyazgan@kastamonu.edu.tr

### Editorial Office

**Dr. Adem AHLATCI**, PhD,  
Van Yüzüncü Yıl University, Türkiye  
**E-mail:** ademahlatci@gmail.com

### English Language Editor

**Dr. Aykut DEVECI**, PhD, Weill Cornell  
Medicine Feil Family Brain & Mind Research  
Institute, New York, USA  
**E-mail:** aykut.tr@live.fr

### Statistics Editor

**Dr. Funda ÇATAN İNAN**, PhD, Bilecik Şeyh  
Edebali University, Türkiye

### Editorial Board

**Dr. Ertuğrul KILIÇ**, İstanbul Medeniyet  
University, Türkiye

**Dr. Denis ROUSSEAU**, PhD, Joseph Fourier  
University, France

**Dr. Mustafa NAZIROĞLU**, PhD, Süleyman  
Demirel University, Türkiye

**Dr. Ramazan BAL**, PhD, Gaziantep  
University, Türkiye

**Dr. Süleyman KAPLAN**, Ondokuz Mayıs  
University, Türkiye

### Advisory Board

**Dr. Ana Nogueira F PEIGNEUR**, Laboratory  
of ion channel research, Belgium

**Dr. Abdalla Ahmed ELAMIN**, PhD, RAK  
Medical and Health Sciences University, UAE

**Dr. Hosam Eldeen Mohammed**, Warwick  
University, Warwick, UK

**Dr. Marco CANEPARI**, Grenoble Alpes  
University, France

**Dr. Xinhua SHU**, Glasgow Caledonian  
University, Glasgow, UK



## CONTENTS

- 35 **Evaluation of the relationship between cryptogenic epilepsy and *Toxoplasma gondii* infection: A meta-analysis**  
Selahattin AYDEMİR, Zeynep TAŞ CENGİZ, Zübeyde KUL, Kenan KAÇAK, Hasan YILMAZ
- 40 **TRPM2 channel contribution to CdCl<sub>2</sub>-related neurotoxicity in SH-SY5Y cells: Protective role of selenium**  
Ramazan ÇINAR, Adem AHLATCI
- 47 **Different morphological imaging techniques possible for neuroscience**  
Muhammed Emre YUZER, Büşra ZENCIRCI, Zümrüt DOĞAN