



life



an Open Access Journal by MDPI

Epilepsy and Paroxysmal Disorders: New Insights in the Diagnosis and Treatment

Guest Editors:

Prof. Dr. Yao-Chung Chuang

Department of Neurology and
Institute for Translation Research
in Biomedicine, Kaohsiung
Chang Gung Memorial Hospital,
Kaohsiung 83301, Taiwan

Dr. Rou-Shayn Chen

Associate Professor, Division of
Movement Disorders,
Department of Neurology, Chang
Gung Memorial Hospital,
Taoyuan 333, Taiwan

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

Epilepsy is one of the most common neurological disorders worldwide, with a prevalence of 0.5–1% in the general population. It is a chronic dynamic medical problem that often requires long-term antiepileptic drug (AED) therapy. Of note is seizures in many patients do not remit despite appropriate medication, and lifelong AED therapy is usually required for those with refractory epilepsy. Recent discovery of novel gene mutations in ion channels indicates episodic movement disorders which frequently associates with nonepileptic paroxysmal dyskinesias and epileptic seizures. Thus, carefully diagnosis between the epileptic and nonepileptic spectrum of these diseases will help us to develop accurate and new insight of treatment. This Special Issue is open for submissions of research papers and review articles on topics including clinical and basic studies. It will focus on, but not limited to: the clinical manifestations, newly diagnostic and therapeutic strategies, biomarkers, and molecular and genetic diagnosis in epilepsy and paroxysmal disorders.

Prof. Dr. Yao-Chung Chuang

Dr. Rou-Shayn Chen

Guest Editors



mdpi.com/si/94781

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)