

Special Issue

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

Message from the Guest Editors

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.

Guest Editors

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