



Epilepsy: Pathogenesis, Treatment, and Precision Medicine

Guest Editor:

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Message from the Guest Editor

Epilepsy is a chronic disabling neurological disorder that affects people of all ages. Most concern is that over 30% of people with epilepsy will fail medication, so-called **medically intractable** or **drug-resistant**, which will be the focus of this special issue. Individuals with medically intractable seizures have reduced quality of life due to stigma, loss of independence, the cognitive side effects of medication, and recurring seizures. Additionally, the mortality of intractable epilepsy is over 4 times that of age-matched controls. Individuals with medically intractable epilepsy should be evaluated in a comprehensive epilepsy program. Appropriate characterization of epilepsy can improve seizure control as well as identify surgical candidates. In many cases, **surgery** can cure this chronic, disabling, and often deadly neurological disease. Cure from epilepsy significantly elevates the quality of life and erases the increased mortality risk.

In this special issue of the JPM, the topics of pathogenesis, treatment, and precision medicine of **medically intractable epilepsy** will be explored. Both original research and review articles are welcome.





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Message from the Editor-in-Chief

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