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## Recent Advances in Pathophysiology and Therapeutic Approaches in Epilepsy

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Epilepsy is a widespread neurological disorder that affects around 70 million people worldwide. The main characteristic of this neurological disorder is the occurrence of unexpected and recurrent seizures. The cure for and management of epilepsy are confined to treating symptoms but do not modify the development and progression of the disease. Furthermore, among the people who are taking antiseizure medicines, more than 30% of them still have epilepsy, and long-term use of these drugs can result in a variety of side effects. Hence, there is an urgent need to understand the detailed pathophysiology and mechanism of the development of diverse forms of epilepsy as well as identify crucial therapeutic targets. Moreover, finetuning as well as examining the effectiveness of several surgical procedures and neuromodulation methods to treat drug-resistant epilepsy are also required.

This Special Issue features original research and review articles by experts discussing the recent developments in the pathophysiology, risk factors and possible treatment options in diverse forms of epilepsy.

