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Childhood Epilepsy: Clinical Advances and Perspectives

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Message from the Guest Editors

Dear Colleagues,

Epilepsy causes recurrent unprovoked seizures. Epilepsy affects around 70 million people (about twice the population of California) worldwide and is among the most common neurologic disorders seen in children. Two-thirds of children with epilepsy achieve seizure freedom with antiseizure medications. These children are at substantial risk for cognitive, behavioral, and psychiatric problems as well as osteoporosis, seizure-induced injury, and sudden unexpected death from epilepsy.

Over the last several years, several advancements in epilepsy treatment have taken place including new-generation anti-seizure medications, new techniques in epilepsy surgery and neuromodulation devices, including Responsive Neurostimulation and Deep Brain stimulation. Machine learning, high-resolution MRI and other functional brain mapping technics are improving epilepsy surgery outcomes.



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Special Issue



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Message from the Editor-in-Chief

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