



## Diagnosis and Management of Pediatric Brain Tumors

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### Message from the Guest Editor

Dear Colleagues,

Brain and other central nervous system (CNS) tumors are the leading cause of cancer-related death in children, and frequently result in substantial long-term morbidity as well as disability. Recent years have seen remarkable progress in brain cancer biology across a large number of tumor types and histologies; however, improvements in long-term survival and quality of life for CNS tumors have remained elusive compared to other childhood cancers. Although the classification of CNS tumors was historically based on histologic features only, advances in our understanding of the molecular features of CNS tumors have led to the incorporation of molecular alterations into the diagnostic criteria. Optimizing the treatment of childhood CNS tumors remains a tremendously challenging task, requiring a multidisciplinary approach involving many pediatric specialists as well as the support of molecular biologists and pharmacologists.





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