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The impact on diagnostic practice of current research into pediatric CNS tumors

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Many significant advances in our understanding of the genetic basis of pediatric CNS tumors have occurred in the last decade and have influenced the classification of disease and the way in which it is investigated and interpreted. Such advances are exemplified by the determination of medulloblastoma molecular groups, and with this and a few other examples as a foundation I will review how recent research findings are continuing to develop our view of these interesting tumors, impacting how we should classify them and test for clinicopathologically relevant molecular alterations.