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ABOUT THE COVER

Diffuse intrinsic pontine glioma (DIPG) is an incurable childhood brain cancer that commonly harbors somatic methionine substitutions in lysine 27 of histone 3 (H3 K27M). The image at right, on which the cover is based, shows a high-magnification hematoxylin and eosin (H&E) stained murine DIPG initiated by expression of platelet-derived growth factor-B (PDGF-B) and H3.3 K27M in nestin-expressing progenitors of the neonatal brainstem. The image illustrates an area of microvascular proliferation, a histological feature of a high-grade glioma. The cover is an artistic use of the image, kept intact but repeated and rotated for visual effect. Please see the article by Cordero and colleagues (beginning on page 1243) for more information.