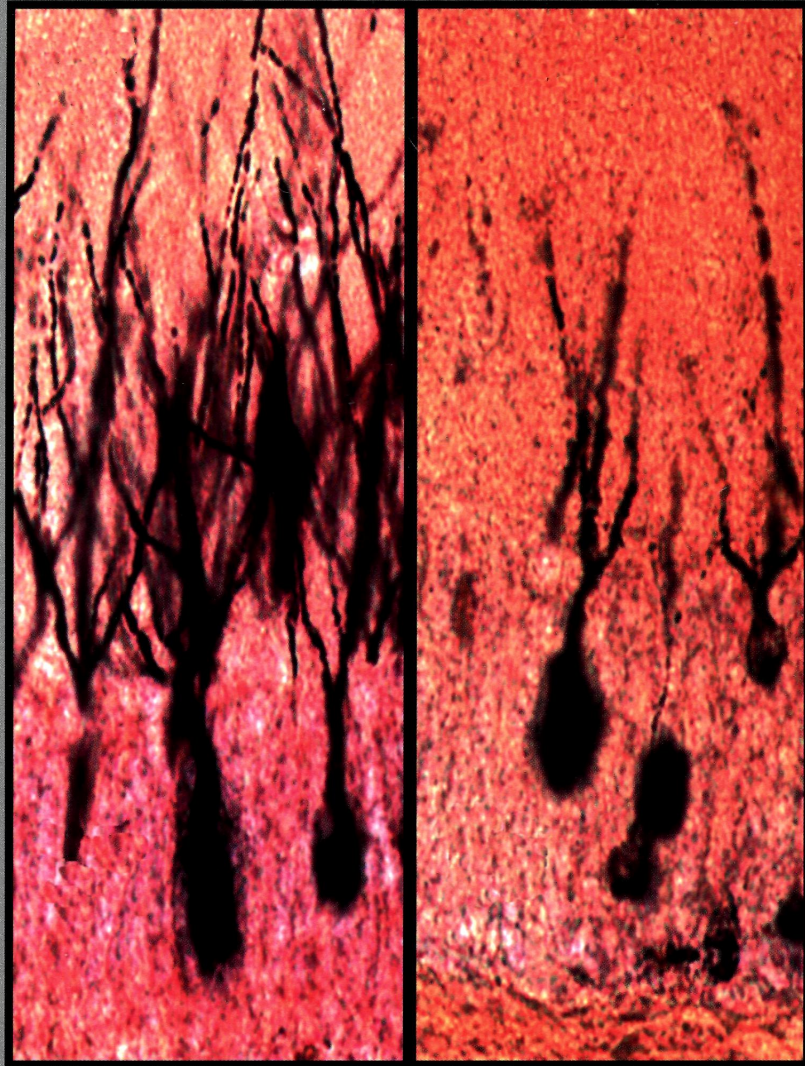


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MEN1 Is a Melanoma Tumor Suppressor That Preserves Genomic Integrity by Stimulating Transcription of Genes That Promote Homologous Recombination-Directed DNA Repair

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Cover photograph (Copyright © 2013. American Society for Microbiology. All rights reserved.) Multiple roles of Wnt7a in neurogenesis. Wnt7a controls neural stem cell proliferation/self-renewal and neuronal differentiation/maturation by differentially activating β -catenin downstream target genes that are involved in cell cycle control (cyclin D1 gene) and neuronal differentiation (Ngn2 gene). Knockout of Wnt7a in mouse brains dramatically reduces dendritic complexity in hippocampal dentate granule neurons, as shown by Golgi staining. (See related article on p. 2551.)