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Neuropathology. 2010 Jul 27. [Epub ahead of print]

Lipidized glioblastoma: A rare differentiation pattern.

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Abstract

We report a rare case of lipidized glioblastoma arising in the tempo-parietal lobe of a 65 year-old woman. The tumor was composed of diffuse sheets of lipidized cells with abundant xanthomatous cytoplasm comprising 60% of the tumor mass. These cells revealed immunopositivity with glial fibrillary acidic protein (GFAP) and the accumulation of lipid was confirmed ultrastructurally. This report highlights the extremely rare lipidized differentiation patterns occurring in glioblastoma and adds observational data to the existing literature on lipid accumulation occurring in glioblastomas.

PMID: 20667010 [PubMed - as supplied by publisher]

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