IGF-II mRNA expression in LI human glioblastoma cell line parallels cell growth.

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Abstract
A human glioblastoma cell line was found to express in vitro mRNA transcripts specific for insulin-like growth factor-II (IGF-II) and growth-hormone releasing-hormone (GHRH). In the absence of gross morphological changes, retinoic acid reduced the growth rate without major change of IGF-II mRNA expression, while alpha-difluoromethylornithine produced a complete growth arrest and a sharp decrease of IGF-II mRNA expression. Both reagents increased the expression of GHRH mRNA. Also in this glioblastoma cell line, like other neuroectodermal tumours, IGF-II mRNA is expressed independently from GHRH and seems to be parallel to growth rate.

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Publication Types, MeSH Terms, Substances

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