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Diethylstilbestrol Induces Neoplastic Transformation Without Measurable Gene Mutation at Two Loci: J. C. Barrett, A. Wong, J. A. McLachlan

Cancer Incidence in the Love Canal Area: D. T. Janerich et al.

Myelination of Central Nervous System Axons in Tissue Culture by Transplanted Oligodendrocytes: F. J. Seil and N. K. Blank

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Rapid Eye Movement Storms in Infants: Rate of Occurrence at 6 Months Predicts Mental Development at 1 Year: P. T. Becker and E. B. Thoman


Cover

Edge of a morphologically transformed colony (top) of Syrian hamster embryo cells contrasted with the edge of a normal colony. Morphologically transformed cells, which progress to neoplastic cells, are characterized by dis-oriented, basophilic cells with a decreased nuclear/cytoplasmic ratio. Transformed colonies are induced by many carcinogens, for example, benz[a]pyrene and diethylstilbestrol. Diethylstilbestrol, however, transforms the cells without measurable gene mutation at two loci (about × 47). See page 1402. [Chester Reather, Johns Hopkins University, Baltimore, Maryland]