Record Nr. UNINA9910144560503321 Titolo Genetic analysis of tumour suppression [[electronic resource]] Chichester:: New York,: Wiley, 1989 Pubbl/distr/stampa **ISBN** 1-282-34759-4 9786612347597 0-470-51375-6 0-470-51376-4 Descrizione fisica 1 online resource (270 p.) Collana Ciba Foundation symposium:: 142 Altri autori (Persone) BockGregory MarshJoan 616.99 Disciplina 616.994042 Tumors - Genetic aspects Soggetti Gene expression Oncogenes Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Proceedings of a symposium held at the Ciba Foundation, London, July 19-21, 1988, Editors, Greg Bock, Joan Marsh. "A Wiley-Interscience publication." Nota di bibliografia Includes bibliographies and indexes. Nota di contenuto GENETIC ANALYSIS OF TUMOUR SUPPRESSION; Contents; Participants; Introduction; Epidemiology of genetically determined cancer; Transgenic mice and host cell mutants resistant to transformation as model systems for identifying multiple components in oncogenesis; Reversion of tumorigenicity in an EBV-converted Burkitt's lymphoma line; Lymphoid neoplasia and the control of haemopoietic differentiation; General discussion I; Loss of genetic information in cancer; General discussion II; The molecular basis of retinoblastomas; General discussion III Proviral position effects: possible probes for genes that suppress transcriptionGeneral discussion IV; Flat revertants of EJ human bladder

carcinoma cells show two different mechanisms of reversion; A genetic

basis for tumour suppression; Molecular basis for the regulation of cell fate by the lethal (2) giant larvae tumour suppressor gene of Drosophila melanogaster; Suppression of genetic melanoma in the fish Xiphophorus; The biology of tumour suppression; General discussion V; Cell differentiation and tumour suppression; General discussion VI; Final discussion; Index of contributors Subject index

## Sommario/riassunto

Comprises the proceedings of a symposium held at the Ciba Foundation, London, February 1988. Contains the latest research results on the inverse relationship between cell proliferation and differentiation and the nature of the genes involved. Included are the studies of cell fusion experiments, the introduction of single chromosomes into malignant cells, and the transfection of individual genes. Also reports on the role of certain oncogenes in normal development, lineage commitment, and tumorigenesis.