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Nota di contenuto	PROTO-ONCOGENES IN CELL DEVELOPMENT; Contents; Introduction; Structural and functional aspects of platelet-derived growth factor and its receptors; The mas oncogene as a neural peptide receptor: expression, regulation and mechanism of action; Construction of mammalian cell lines with indicator genes driven by regulated promoters; Tyrosine phosphorylation of membrane-associated tubulin in nerve growth cones enriched in pp60c-src; Molecular biology of the hst-1 gene; Growth factor-like action of lysophosphatidic acid: mitogenic signalling mediated by G proteins Phospholipase C isozymes: structural and functional similaritiesfos-jun conspiracy: implications for the cell; mos proto-oncogene function; General discussion I : The role of proto-oncogenes in amphibian development; Controls of cell proliferation in yeast and animals; General discussion II : Regulation of the eukaryotic cell cycle; Role of

receptor tyrosine kinases during *Drosophila* development; The int genes in mouse mammary tumorigenesis and in normal development; Control of division and differentiation in oligodendrocyte-type-2 astrocyte progenitor cells
Differential control of muscle-specific gene expression specified by src and myc oncogenes in myogenic cells Cellular proteins that are targets for transformation by DNA tumour viruses; Final discussion : The role of proto-oncogenes in differentiation and development; Index of contributors; Subject index

Sommario/riassunto

Presented here are the most up-to-date research findings of leading international scientists in the field of aging. The collected data explores the biological, medical, and chemical implications and the latest thinking on the role of proto-oncogenes and their relationship to cell development and deterioration in amphibians, the role of the eukaryotic cell cycle, and the role of proto-oncogenes in differentiation and development.
