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Nota di contenuto	Growth factors in biology and medicine; Contents; Introduction; Growth factors in mammalian embryogen-esis; Discussion; The EGF receptor kinase: evidence for allos- teric activation and intramolecular self-phosphorylation; Discussion; Role of growth factors in oncogenesis: growth factor-proto-oncogene pathways of mitogenesis; Discussion; Signalling mitogene- sis in 3T3 cells: role of Ca <sup>+</sup> -sensitive, phospholipid-dependent protein kinase; Discussion; The PDGF-inducible 'compe- tence genes': intracellular mediators of the mitogenic response; Discussion Platelet-derived growth factor: its potential roles in wound-healing, atherosclerosis, neoplasia, and growth and developmentDiscussion; Nerve growth factor; Discussion; The role of haemopoietic cell growth

factor (interleukin 3) in the development of haemopoietic cells; Discussion; Haemopoietic growth factors: structure and receptor interactions; Discussion; In vivo effects of the insulin-like growth factors (IGFs) in the hypophysectomized rat: comparison with human growth hormone and the possible role of the specific IGF carrier proteins; Discussion  
Protein phosphorylation and growth control Discussion; Receptors for the phorbol ester tumour promoters; Discussion; Ectopic peptides released by a human melanoma cell line that modulate the transformed phenotype; Discussion; A growth regulatory factor that can both inhibit and stimulate growth; Discussion; Final general discussion Receptor modulation and signalling systems; Biological functions of growth factors; Medical aspects of growth factors; Index of contributors; Subject index

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## Sommario/riassunto

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