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Nota di contenuto PLASMINOGEN-RELATED GROWTH FACTORS; Contents; Participants;

Chairman's introduction; Evolution of vertebrate fibrin formation and the process of its dissolution; Evolution of plasminogen-related growth factors (HGF/SF and HGFI/MSP); General discussion I; The kringle

domains of human plasminogen; Structure and function of microplasminogen: reconstitution of microplasminogen and

microplasmin from isolated fragments; Domain structure of hepatocyte

growth factor/scatter factor (HGF/SF); General discussion II; Plasminogen/plasminogen activator and growth factor activation Met-HGF/SF: tumorigenesis, invasion and metastasisScatter factor

receptors are key players in a unique multistep program leading to invasive growth; General discussion III; Competence for neural induction: HGF/SF, HGFI/MSP and the c-Met receptor; The functions of HGF/SF and its receptor, the c-Met tyrosine kinase, in mammalian development; Biological aspects of macrophage- stimulating protein (MSP) and its receptor; HGF: its organotrophic role and therapeutic potential; HGF/SF in angiogenesis; Role of HGF/SF and c-Met in morphogenesis and metastasis of epithelial cells; General discussion IV Chairman's summing-upIndex of contributors; Subject index

Sommario/riassunto

A timely volume dealing with the evolutionary and structural links between the clotting and fibrinolytic proteins and plasminogen-related growth factors. The role of individual domains for enzymatic proteins and plasminogen-related growth factors is also comprehensively examined.