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Nota di contenuto	Polypeptide Hormones: molecular and cellular aspects -- Contents -- Chairman's opening remarks -- Biosynthesis of insulin and glucagon: a view of the current state of the art -- Discussion -- Molecular evolution of the polypeptide hormones -- Discussion -- Prohormones of - melanotropin (-melanocyte-stimulating hormone, -MSH) and corticotropin (adrenocorticotropic hormone, ACTH) : structure and activation -- Discussion -- The nature of pituitary large growth hormone as studied by immunoabsorption -- Discussion -- Isolation of a biologically active messenger RNA : preparation from fish pancreatic islets by oligo(2'-deoxyrhymidylic acid) affinity chromatography -- Discussion -- The control of insulin release by sugars -- Discussion -- The mode of action of adenosine 3': 5'-cyclic phosphate in the regulation of insulin secretion -- Discussion -- Multiple forms of

corticotropin (adrenocorticotrophic hormone, ACTH) and their significance -- Discussion -- Carboxypeptidase B-like and trypsin-like activities in isolated rat pancreatic islets -- Discussion -- New concepts in the formation, regulation of release, and metabolism of parathyroid hormone -- Discussion -- Structure and structure-function relationships in glycoprotein hormones -- Discussion -- Heterogeneity of the gastrins in blood and tissue -- Discussion -- Membrane topology as revealed by the binding of macromolecules -- Discussion -- Protein phosphorylation and hormone action -- Discussion -- Growth-promoting actions of peptide hormones -- Discussion -- General discussion I : Somatostatin-clinical implications Cells containing somatostatin in the pancreas and the gastrointestinal tract -- Gastrointestinal effects of somatostatin -- Somatostatin and diabetes mellitus -- General discussion II: Peptide metabolism -- Post-synthetic modification of peptides -- Secretion and processing. Closing remarks -- Index of contributors -- Subject index.

Sommario/riassunto

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