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Nota di contenuto	Brush border membranes; Contents; Chairman's introduction; Introductory remarks on the brush border; Microvillar endopeptidase, an enzyme with special topological features and a wide distribution; Discussion; Aminopeptidases and proteolipids of intestinal brush border; Discussion; Structure of microvillar enzymes in different phases of their life cycles; Discussion; Specific labelling of the hydrophobic domain of rat renal y-glutamyl transferase; Discussion; Biosynthesis and assembly of the largest and major intrinsic polypeptide of the small intestinal brush borders; Discussion Use of monoclonal antibodies in the study of intestinal structure and function Discussion; Biosynthesis and transport of plasma membrane glyco- proteins in the rat intestinal epithelial cell: studies with sucrase-isomaltase; Discussion; GENERAL DISCUSSION I Biosynthesis and assembly of brush border proteins: (i) some co-translational models for protein insertion into membranes; molecular sizes of brush border enzymes during assembly; Distribution of enteropeptidase and