

1. Record Nr.	UNINA9910144657603321
Titolo	Development of mammalian absorptive processes // [editors, Katherine Elliott (organizer), Julie Whelan]
Pubbl/distr/stampa	Amsterdam ; ; New York : , : Excerpta Medica, , 1979
ISBN	1-280-78388-5 9786613694270 0-470-72053-0 0-470-71821-8
Descrizione fisica	1 online resource (352 pages) : illustrations, charts
Collana	Ciba Foundation symposium (new series) ; ; 70
Altri autori (Persone)	ElliottKatherine May WhelanJulie
Disciplina	599/.01/32
Soggetti	Digestion Intestinal absorption Mammals - Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Development of Mammalian Absorptive Processes, held at the Ciba Foundation, London, 16th-18th January 1979"-- Participants page.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Development of Mammalian Absorptive Processes; Contents; Introduction; Morphogenesis of the small intestine during fetal development; Discussion; The differentiation and redifferentiation of the intestinal epithelium and its brush border membrane; Discussion; Cell surface components of intestinal epithelial cells and their relationship to cellular differentiation; Discussion; The role of lingual lipase in neonatal fat digestion; Discussion; Bile acid metabolism in the fetus and newborn; Discussion; Sucrase and cellular development; Discussion Mode of insertion of the sucrase-isomaltase complex in the in testinal brush border membrane: implications for the biosynthe; Discussion; Development of sucrase activity: effect of maternal hormonal status and fetal programming of jejuno-ileal differences; Discussion; The role of enteropeptidase in the digestion of protein and its development in human fetal small intestine; Discussion; Absorption of di- and

tripeptides by the intestine of the guinea-pig; Discussion;
Gastrointestinal host defence: importance of gut closure in control of
macromolecular transport; Discussion
Membrane digestion and nutrient assimilation in early development;
Discussion; Perinatal changes in the absorption of trace elements;
Discussion; The influence of gestational age and size on the absorption
of D-xylose and D-glucose from the small intestine of the human n;
Discussion; Absorption of biological amines of bacterial origin in
normal and sick infants; Discussion; The immature intestine:
implications for nutrition of the neonate; Discussion; General
Discussion; Future morphological studies; Hormonal mediation of
gastrointestinal maturation; Sodium-dependent active transport;
Nutritional needs of the premature infant; Lipid digestion in the
newborn; Antigen uptake and immunity transfer; Index of contributors;
Subject index
